

NEW HORIZONS



PACIFIC
LUTHERAN
UNIVERSITY

INTERIM 1981 CATALOG

January 5~30,
1981



The Interim Committee encourages students to talk with professors about their courses prior to enrolling. Such dialogue may well benefit both instructor and student in approaching the Interim with enthusiasm, commitment and a greater understanding of the direction a course might take during the four weeks of intensive study.

The information contained herein reflects an accurate picture of Pacific Lutheran University at the time of publication. However, the University reserves the right to make necessary changes in procedures, policies, calendar, curriculum and costs. Changes, if any, will be announced before their effective date.

Address Inquiries About Interim to:

Judith Carr
Interim Coordinator
Pacific Lutheran University
Tacoma, Washington 98447

Pacific Lutheran University does not discriminate on the basis of sex, race, creed, color, national origin, age, or handicapped condition in the education programs or activities which it operates, and is required by Title IX of the Education Amendments of 1972 and the regulations adopted pursuant thereto, by Title VII of the Civil Rights Act of 1974, and by Section 504 of the Rehabilitation Act of 1973 not to discriminate in such manner. The requirement not to discriminate in education programs and activities extends to employment therein and to admission thereto.

Inquiries concerning the application of said Title IX and published regulations to this university may be referred to:

1. The Director of Personnel, Room A-107 Administration Building, Pacific Lutheran University, telephone 383-7185, for matters relating to employment policies and practices, promotions, fringe benefits, training and grievance procedures for personnel employed by the university.
2. The Executive Assistant to the Provost, Room A-100 Administration Building, Pacific Lutheran University, telephone 383-7128, for matters relating to student admissions, curriculum, and financial aid.
3. The Assistant Dean for Student Life, Room A-113 Administration Building, Pacific Lutheran University, telephone 383-7191, for matters regarding administrative policies relating to students, student services, the student grievance procedure.
4. Or the Director of the Office of Civil Rights, Department of Health, Education and Welfare, Washington, D.C.

Inquiries concerning the application of said Section 504 of the Rehabilitation Act may be referred to:

The Registrar, Room A-102 Administration Bldg., Pacific Lutheran University, telephone 383-7131.

Pacific Lutheran University complies with the Family Education Rights and Privacy Act of 1974.

THE INTERIM COMMITTEE

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Dorothy Cone
Associate Professor of Nursing
Donald Haueisen, Chair
Associate Professor of Physics
Laurence Huestis
Professor of Chemistry
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2 INTERIM COURSES AND REQUIREMENTS

THE INTERIM REQUIREMENT: Only courses numbered 300-320 satisfy the Interim requirement. Two 4-semester-hour 300-320 Interim courses are required for graduation. A few 300-320 Interim courses may be offered for less than 4 semester-hours credit; a combination of these smaller courses may be used, when available, to meet part of the basic 8-semester-hour requirement. Junior or senior transfer students need complete only one 300-320 Interim course (4 semester hours).

CORE REQUIREMENT: During the Interim month of January some courses are offered to meet the core requirements. These courses have numbers outside the 300-320 bracket, are iden-

tified in the course descriptions, and will not meet the Interim requirement. By the same token, a 300-320 Interim course may not meet the core requirement. Courses to meet the core requirement will be graded in the manner of regular courses.

MAJOR REQUIREMENTS: Interim courses, for the most part, have been designed for the non-major even when a prerequisite is recommended. However, some 300-320 Interim courses are designed for major or advanced students and are so designated in the course description (only one such course may be used to meet the two-course Interim requirement). A 300-320 Interim course may be counted toward a major, as well as

toward the Interim requirement, at the discretion of the chair, dean, or director of the major department or school.

ELECTIVES: The third and fourth Interim courses taken (more than 8 semester hours of Interim courses) may count as electives toward the 32 course total required for graduation.

UPPER DIVISION REQUIREMENT: Courses numbered 300-320 will not meet the upper division requirement. However, courses numbered above 320 will meet the requirement.

INTERIM COURSES AND THE TEN-COURSE LIMIT: "Advanced" Interim courses should be included in the 10-course limit of the College of Arts and Sciences. All other 300-320 Interim courses should not be included in that limit.

SPECIAL STUDY OPTIONS

INDEPENDENT STUDY OPTION

To meet the Interim requirement: Up to one full course (4 semester hours) of the Interim requirement may be met by an independent study course. Most of the departments/schools of Pacific Lutheran University are prepared to implement such individual study/research projects. (The Interim Committee must approve ALL independent study courses proposed to meet the Interim requirement.) Such courses will be designated by the number 320.

Mere experience, such as travel or work or a job, does not constitute an adequate course of study. The student should show that his or her experience will involve intellectual inquiry that is substantial enough to justify the hours of academic credit desired. The proposal should specify how the instructor will both guide and evaluate the student's intellectual growth.

Procedure: The student completes a proposal on a form provided by the Interim Coordinator (HA-102A). The proposal must then be approved by a supervising instructor and by the chair or director of the instructor's department or school. The student is responsible for submitting the proposal, with the instructor's and chair's signatures, to the Interim Coordinator (BY NOVEMBER 1). The Interim Committee will act on the proposal as soon as possible.

To meet other requirements: Independent studies which do not meet the Interim requirement will assume the number the individual department or school has designated for such purposes and need not be submitted to the Interim Committee for review.

PLAN OF ACTION

Students may "be on campus" without registering for a course, provided their general program of activity is approved by their adviser and submitted to the Office of the Registrar. Such a program shall not receive credit, be counted toward graduation requirements, or appear on the transcript. Plans must be submitted no later than December 1. Applications are available in the Registrar's Office.

TRAVEL IN JANUARY

In addition to off-campus studies offered at PLU, other institutions, in all parts of the world and the United States, provide travel-study options during the month of January. Check the special files in the Interim Coordinator's Office to look at catalogs and brochures. The Interim Coordinator is available to help you follow up.

GUIDELINES FOR INTERIM EXCHANGE OPPORTUNITIES

The exchange program offers students the opportunity to study during January in many other parts of the country. Students interested in such programs will find catalogs available in the Office of the Interim Coordinator (within the Registrar's Office). Requests for application to participate in an exchange on another campus should be directed to the same office prior to December 1. There is usually a \$10.00-\$15.00 non-refundable fee.

The exchange program is open to sophomores, juniors, and seniors with a cumulative grade point average of 2.00 or higher and to freshmen by special permission of the Provost.

STUDENTS ARE ADVISED TO CHECK THE CREDIT VALUE OF COURSES AT OTHER INSTITUTIONS. PACIFIC LUTHERAN UNIVERSITY CANNOT GRANT MORE CREDIT THAN THE HOST INSTITUTION GRANTS. If a full course (4 semester hours) is needed to complete a degree program, the stu-

dent should be certain the course carries 4 semester hours credit or equivalent.

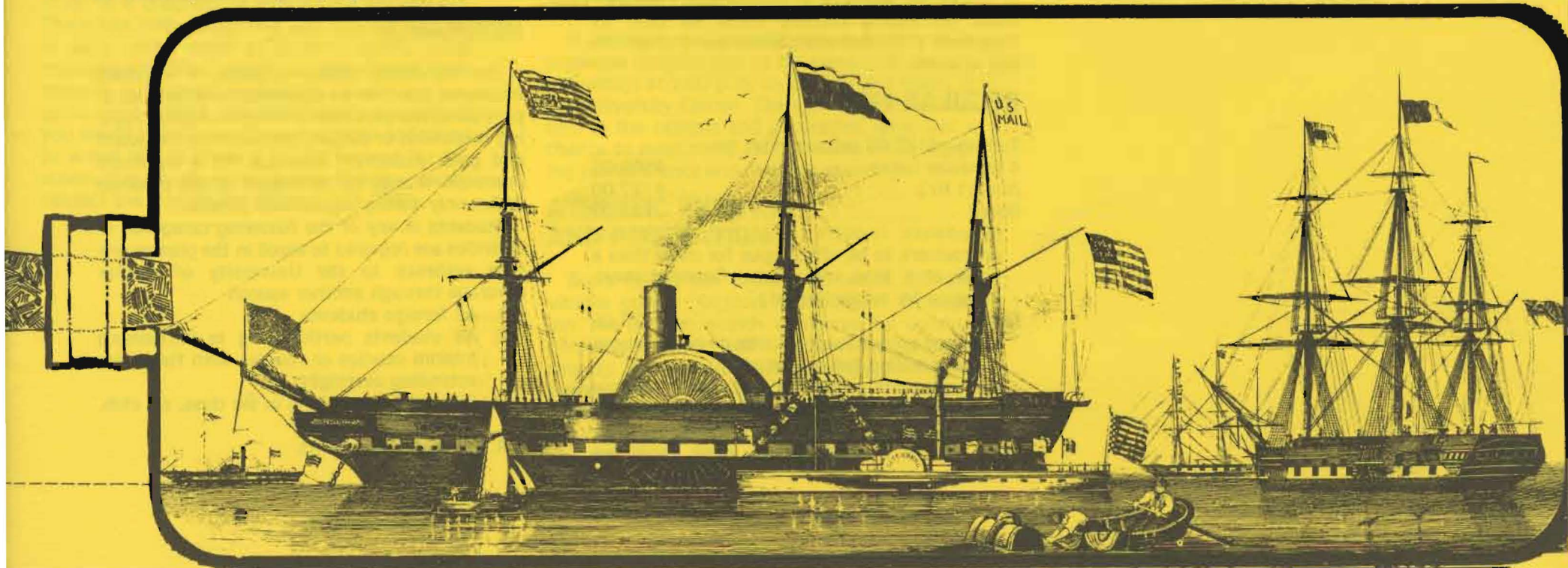
The Interim tuition fee will be paid by exchange students to the home institution (PLU students pay PLU). Board and room fees will be paid at the host institution according to its fee schedule.

PLU students participating in an exchange are required to carry health and accident insurance which will cover them 24 hours a day (see INSURANCE section).

In past years, many institutions across the country have cooperated with PLU in exchange opportunities. Interim catalogs and brochures from numerous schools are available for your perusal in the Interim Coordinator's Office. **STUDENTS APPLYING FOR AN INTERIM EXCHANGE AT ANOTHER INSTITUTION MUST DO SO THROUGH THE INTERIM COORDINATOR.**

Partial list of institutions participating in Interim exchange:

Augsburg College, Minneapolis, MN
 Augustana College, Sioux Falls, SD
 Austin College, Sherman, TX
 Bethany College, Lindsborg, KS
 Bethel College, St. Paul, MN
 California Lutheran College, Thousand Oaks, CA
 Calvin College, Grand Rapids, MI
 Carthage College, Kenosha, WI
 Coe College, Cedar Rapids, IA
 Dana College, Blair, NB
 Denison University, Grandville, OH
 Doane College, Crete, NB
 Gustavus Adolphus College, St. Peter, MN
 Hamline University, St. Paul, MN
 Hastings College, Hastings, NB
 Luther College, Decorah, IA
 Macalester College, St. Paul, MN
 Menlo College, Menlo Park, CA
 St. Andrews College, Laurinburg, NC
 St. Olaf College, Northfield, MN
 Sheldon Jackson College, Sitka, AK
 Texas Lutheran College, Seguin, TX
 University of Puget Sound, Tacoma, WA
 University of Redlands, Redlands, CA
 Whitworth College, Spokane, WA



REGISTRATION AND EXPENSES

STUDENT-INITIATED COURSES

The Interim Committee hopes that students will wish to initiate Interim courses.

Any number of students who are particularly interested in a certain subject area may put together a course proposal, seeking out a faculty member to serve as sponsor (or instructor) for the course. The same forms, deadlines, and procedures that faculty members follow for course proposals will be in effect

Deadline date for submission of proposals for the following January is April 1.

For forms and further information, please see the Interim Coordinator, HA-102A.

REGISTRATION DATES

Continuing students	
80+ hours completed	October 27, 28
57-79 hours completed	October 29, 30
25-56 hours completed	October 31, Nov. 3, 4
0-24 hours completed	November 5, 6, 7
Changes possible	November 6, 7
General Public Registration	after November 7
Registration/Changes	January 5-7
Class schedule will be confirmed at the time of registration.	

SPECIAL PROCEDURES FOR OFF-CAMPUS COURSE REGISTRATION

Secure off-campus information forms from directors of individual off-campus courses any time after September 5. Complete registration as noted above. You will be required to pay 10 percent of the cost (tuition excluded) to hold a place in the class at the time of registration. Final payment (excluding tuition) must be paid by December 1. Tuition charges are due on the first day of class.

REGULAR FEES

Tuition—\$127.00 per semester hour.	
4 semester hours	\$508.00
Audit(1 Hr.)	\$127.00
Board	\$85.00
(Students required by their academic coursework to be off campus for more than a week at a time will receive financial consideration for meals missed.)	
Room	\$75.00
(Charged only to students who do not reside on campus during fall semester)	

For students who register early, before January 5, the total fees for the Interim are due before the beginning of classes. Payments can be made at the Business Office; bank cards are

accepted. Early payments are encouraged and will result in early financial clearance. For those students who register after January 4, 1981, the full payment for the Interim is due at the time of registration.

SPECIAL FEES

Students are advised that some courses will require additional or incidental fees. Information concerning these fees is noted in the course description in the catalog. Listed costs for Interim opportunities are as accurate as possible; however, alterations may unavoidably occur. Please check with the instructor of the course if you have questions concerning listed costs. In all instances, additional funds will be necessary for personal expenses, as is true throughout the school year.

TUITION REFUND RATES

100% refund (less \$25.00)	January 5-7
No refund	After January 12

INSURANCE

The University makes available a voluntary insurance plan for all students, whether full or part-time. The plan covers illness or injury requiring treatment or surgery anywhere in the world and gives maximum coverage for a minimum premium. It may be purchased in the Business Office only during registration periods.

Students in any of the following categories or activities are required to enroll in the plan or provide evidence to the University of similar coverage through another source:

1. All foreign students.
2. All students participating in off-campus Interim courses or courses with field trips extending overnight.
3. All students enrolling in ski class, ski club, or other club sports.
4. All nursing students.

A SPECIAL CALENDAR OF EVENTS FOR THE MONTH OF JANUARY WILL BE PUBLISHED. WATCH FOR IT!

THE INTERIM FAIRE— JANUARY 28

The University Center is the place! January 28—all day—is the time! Interim classes will be sharing what they have learned by setting up booths or putting on short performances. Special events will highlight the day's activities. Watch for more information.

NON-CREDIT ENRICHMENT PROGRAM

During the Interim, students and faculty alike share their time, skills, and knowledge with each other in a program of educational enrichment. There has been instruction and interest sharing in such varied areas as Swahili, sailing, back massage, Christian growth and evangelism, kite-making, job search techniques, bread baking, grass roots politics, and beledi (belly dancing). If you would like to contribute your time and talent or would like to make a special request for the scheduling of an event during Interim, please contact the Interim Coordinator, HA-102A.

CONCERTS, PLAYS, AND FILMS

January always offers its share of concerts, plays, and films. Check the calendar.

SHARE THE WEALTH

The Interim Committee encourages professors to share special lectures, discussions, and films with members of the campus community. If you would like to invite students, faculty, and staff outside your class to attend a special session, please do so in the Campus Bulletin (University Center, ext. 7450). If you know early in the fall that you will be inviting outsiders to participate in your class, please notify the Interim Coordinator and such information can be listed in other publications.

NEW STUDENT AND EXCHANGE STUDENT GET-TOGETHER

If you are a new student during Interim or an exchange student, join us the evening of January 4 (Sunday) at 7:00 p.m. in the Regency Room of the University Center. There will be an orientation to the campus and geographic area, and a chance to meet some PLU students while enjoying refreshments and entertainment.

ATHLETIC EVENTS AND RECREATION

Don't forget the basketball games and the various guided "Outdoor Adventures" throughout the Interim month sponsored by Outdoor Recreation. There will be snowshoeing, cross country skiing, and overnight trips during the weekends.

And we hope this January will be a good month for alpine skiing!

UNIVERSITY CHAPEL

Chapel is a time set apart for hearing the Gospel proclaimed in the midst of daily life and for giving praise to God. A variety of services will be used including both traditional and contemporary liturgies. Brief meditations are frequently offered by the University Pastors or special guests.

University Chapel meets during Interim from 8:30 to 9:00 a.m. on Tuesdays and Thursdays in the Regency Room (University Center).

6 SOME IMPORTANT DETAILS REGARDING COURSES

CREDIT AND COURSE LOAD

Credit hours available are indicated in each course description. Most courses carry 4 hours credit.

The maximum course load during the Interim is 1¼ courses (5 semester hours). Students should have the approval of the instructors of their 4-hour courses before enrolling in additional 1-hour courses. A student may not register for more than 5 semester hours unless given special permission by the Provost and by all instructors involved on a form provided by the Registrar's Office.

GRADING

The Instructor of a 300-320 Interim course will indicate in the catalog description which of two grading systems will be used:

1. Honors (H) for exceptional work, Pass (P), No Credit (NC)(the registration will not be recorded). These grades do not affect the g.p.a.
2. The regular letter grades: A,B,C,D,E. (Such grades contribute to the g.p.a.) The student in a "regular letter grade" course may use one of his or her four pass/fail options. Courses meeting the core requirement and other courses not numbered 300-320 shall be graded in the manner of regular courses.

COURSE NUMBERING

The numbers 300-320 designate all courses which meet the Interim requirement.

All courses with catalog numbers outside the 300-320 range will be treated as regular courses with reference to University requirements and grading practices. (Please note that these courses do not meet the Interim requirement.)

**TIMES FOR CLASS MEETINGS
MAY VARY FROM LISTING.
STUDENTS SHOULD BE FREE FULL-
TIME TO MEET AS THE INSTRUCTOR
AND THE COURSE REQUIRE.**

**IN MOST CASES CLASSES WILL
MEET DAILY.**

BUILDING SYMBOLS

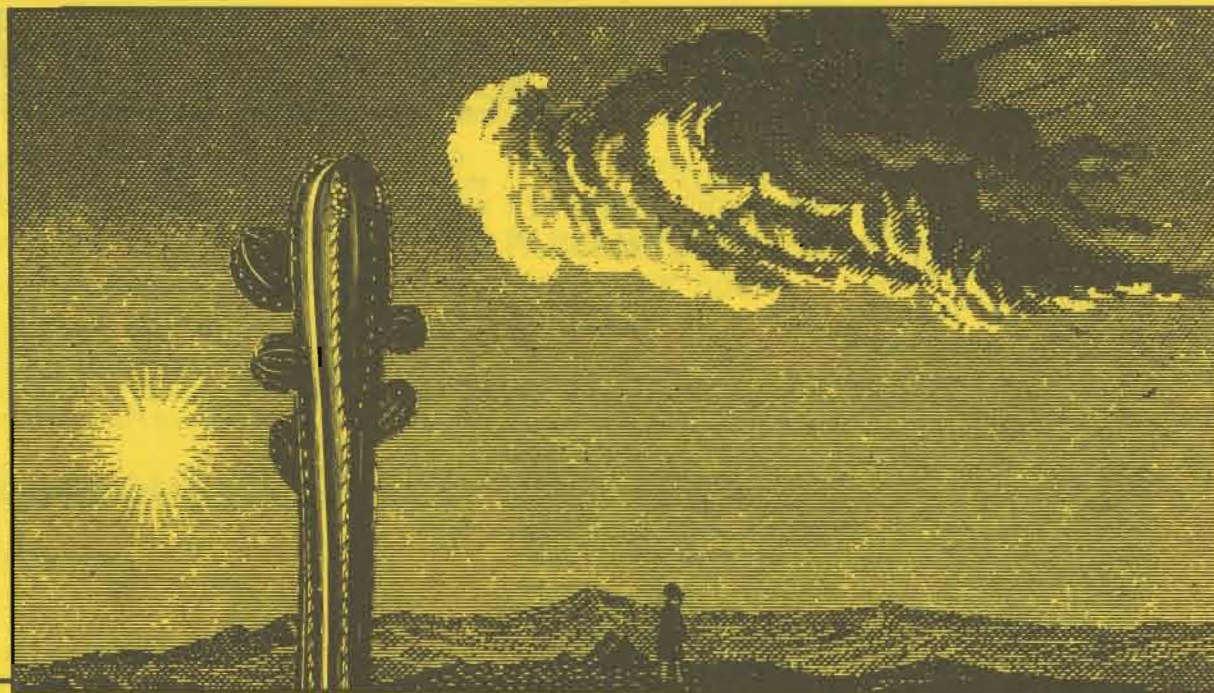
HA	Hauge Administration Building
E	Eastvold
G	Memorial Gymnasium
H	Harstad Hall
I	Ivy Hall
IN	Ingram Hall
L	Library
O	Olson Auditorium
R	Ramstad Hall
X	Xavier Hall

LIBRARY HOURS

Monday thru Thursday	8 a.m.-11 p.m.
Friday thru Saturday	8 a.m.-9 p.m.
Sunday	11 a.m.-7:30 p.m.

NEW HORIZONS

NEW HORIZONS



8 OFF-CAMPUS STUDIES

P69801 Anthropology/
History 311

HORIZONS SOUTH: A CULTURAL TOUR OF MEXICO

4 semester hours

L. Klein, S. Randall

A cultural tour of Mexico will introduce students to the country, its people, its customs, and its extraordinary cultural wealth. The tour is designed to give students a close and intimate view of Mexico, past and present. The tour's itinerary is structured around visiting the prehistoric ruins of Mexico's most important civilizations, the monuments of Mexico's colonial past, and the more contemporary revolutionary heritage.

A week will be spent in Mexico City visiting the famous Museum of Anthropology and the Teotihuacan, Toltec, and Aztec ruins in and around the capital. Visits to the various markets, palaces, and haciendas of colonial and peasant Mexico will be included, as well as a trip to the National Museum of History.

Then, by bus, we shall move south and then east to the Yucatan Peninsula; this overland route will acquaint the students with the natural beauty of the countryside, as well as the rich cultural and historical aspects of the region. In the Yucatan, visits to Uxmal and Chichen Itza, two important Mayan sites, will be included. Other areas to be visited along the way will include Puebla, Oaxaca, Tehuantepec, San Cristobal, Las Casas, Palenque, Campeche, and Merida.

Special attention will be paid to Mexico's native American heritage, the colonial experience, the revolutionary past, and contemporary society. Through readings, discussions, and lectures, the instructors will facilitate the students' understanding of the complex and heterogeneous heritage and society which they will experience on the tour.

Fluency in the Spanish language is not required. Students will be required to demonstrate their understanding of the readings and lectures, participate in the various activities on the tour, and keep a journal of personal observations and "field" experiences.

A few days of preliminary study on campus will prepare students for the study-tour.

BIBLIOGRAPHY: Robert Quirk, *Mexico*; Sunset Travel Guide to *Mexico*; Michael Coe, *Mexico* (2nd edition)

REQUIREMENT FILLED: Interim

RESTRICTIONS: Contact the professors and pick up tally card.

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$1,450

INSURANCE COVERAGE: Students are required to have the Students' Sickness and Accident Plan or evidence of similar coverage.

MAXIMUM ENROLLMENT: 45

MEETING TIME AND PLACE: 12:00 noon to 2:00 p.m.,

HA-221.

P69805 Chemistry/Religion 315
ON BECOMING HUMAN

4 semester hours

B. Nessel, J. Petersen

This course will survey various understandings of what it is to be human and then live and work together as a largely self-contained community. During the first two weeks we will meet on campus, and during the last week and a half we will cruise aboard the *Gallant Lady* on the inland waters of Puget Sound.

During the on-campus segment of the course, the group will evaluate several views of what it is to be human, including biological, theological, and social perspectives. This consideration of theoretical views will be complemented by various individual and group activities and institutional visits, all designed to illustrate the views studied.

During the second segment, the group will cruise aboard the *Gallant Lady* for nine days, living and working together as a mini-community.

Evaluation will be made on the basis of papers, participation, and overall contribution to the work of the group.

BIBLIOGRAPHY: Morris, *The Naked Ape*; Shostrom, *Man the Manipulator*; Tourmier, *The Meaning of Persons*.

REQUIREMENT FILLED: Interim

RESTRICTIONS: A student may not register for any other course or credit during the Interim.

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: C. \$140 for on-campus boarding students; c. \$180 for off-campus students.

INSURANCE COVERAGE: Students are required to have the Students' Sickness and Accident Plan or evidence of similar coverage.

MAXIMUM ENROLLMENT: 24

MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon and 1:00-4:00 p.m. daily, X-204

**P69807 Communication Arts/
Music 309
A CULTURAL EXPERIENCE IN THE
ARTS IN NEW YORK CITY
4 semester hours
C. Knapp**

The first two weeks of this course will prepare students on campus for a series of concerts, operas, plays, and art museum exhibits that they will attend in New York City for a week to ten days during Interim.

Musical works will be studied in depth through recordings, live performances, and lectures during the first two weeks of Interim. The Broadway play(s) and exhibits at the Metropolitan Art Museum, Cloisters, Guggenheim Museum, Museum of Modern Art, and other museums will also be studied. Students will compile a notebook on readings and specific areas of study.

All of this will prepare the students for a meaningful experience in the fine arts in New York City. The students will stay at the Empire Hotel, located across from Lincoln Center. Lincoln Center houses the Metropolitan Opera Company, New York State Opera Company, Philharmonic Hall, Alice Tully Hall, Lincoln Center Playhouse, the Juilliard School, Lincoln Center Library, plus smaller recital halls.

The schedule will include attendance at concerts and operas at the Philharmonic Hall, Metropolitan Opera, and Broadway plays. Visits to the major art galleries is on the agenda. The schedule will include free time for individual sight-seeing and browsing.

Student performers who wish to take a lesson from a master teacher at the Juilliard School or elsewhere in New York City should contact Dr. Knapp well in advance so that the arrangements can be made.

Tentative costs include tickets for the attendance of performances of seven Broadway plays, three Metropolitan operas, and two ballets, plus lectures at the Cloisters and the Metropolitan Museum of Art.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$850 (does not include food or subway or bus fare).

INSURANCE COVERAGE: Students are required to have the Students' Sickness and Accident Plan or evidence of similar coverage.

MAXIMUM ENROLLMENT: 24

MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon daily, E-122

**P63003 English 303
THE RENAISSANCE IN ITALY
4 semester hours
C. Bergman**

In the early decades of the Fifteenth Century—the **Quattrocento**—Italy burst forth in a flowering of civilization. In Florence, Brunelleschi raised the immense and noble cupola over the Cathedral, crowning the city's profile in a grand yet serene statement. Opposite the Cathedral facade, Ghiberti was at work on the east doors of the Baptistry, which Michelangelo later called the "Gates of Paradise." And by 1440, Donatello was completing his nude "David," an elegant adolescent wearing a laurel crown on a Tuscan shepherd's hat. The Renaissance, which ushered in a brave new world of human confidence, began largely in Florence, and continued throughout Italy, in various styles and stages, for two centuries.

It is this phenomenon—the Renaissance in Italy—that this course will study. The new vision, born in Italy, took many directions: the revival of classical forms in art and literature, the dedication to human potentials, the growth of scientific naturalism, and the spirit of individualism. We will study the civilization of Renaissance Italy, one of humanity's greatest achievements, through its literature and its art. Meeting on campus to prepare for the tour, we will study two of the Italian Renaissance's greatest authors, Machiavelli and Castiglione, and we will study the major artists and styles in Italy from 1400-1600. A test on the material will be given at the end of the week.

The tour of Italy will last three weeks, and will visit three cities. We will travel to Florence, the glorious city which fostered such a wonderful clarity and grace in its art. Visiting such museums in Florence as the famous Uffizi and the National Museum, as well as the Cathedral and chapels throughout the city, we will study the work of Botticelli, Fra Angelico, Fra Filippo Lippi, and many others. We will also visit Rome, which under Popes Julius II and Leo X was the magnet for three of the greatest figures of the High Renaissance—Leonardo da Vinci, Michelangelo, and Raphael. In addition to the Vatican and Sistine Chapel, we will study the work of Bernini. In Venice we will be able principally to study the styles of the late Renaissance, Mannerism and Baroque. Venice is known for St. Mark's Square and such masters as Titian, Veronese, Tintoretto.

Students will be required to participate actively in class discussions; attendance on trips to museums, churches, and libraries is also required. Short critical studies of artists, individual works, and styles will also be required.

BIBLIOGRAPHY: Frederick Hartt, *History of Italian Renaissance Art*; Niccolo Machiavelli, *The Prince*; Baldesar Castiglione, *The Book of the Courtier*

REQUIREMENT FILLED: Interim

RESTRICTIONS: Contact instructor and pick up tally card

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$1,650—includes travel, room, two meals per day.

INSURANCE NEEDS: The Students' Sickness and Accident Plan (available in Business Office) or evidence of similar coverage through another source.

MAXIMUM ENROLLMENT: 16

MEETING TIME AND PLACE (FIRST WEEK): 12:00 noon to 2:00 p.m., HA-219.

**P69810 History/Music 317
NEW ORLEANS: ITS HISTORY,
ITS JAZZ**

4 semester hours

S. Carleton, L. Meyer

New Orleans is a woman of many backgrounds: she is European, African, Indian, Caribbean, and—probably last and least—American. The birthplace of jazz, the chief city of Mardi Gras, the home of creole cuisine, New Orleans, "a beautiful woman with a dirty face," has long fascinated peoples of all backgrounds. The course "New Orleans: Its History, Its Jazz" will introduce the student to that city's history, culture, and music. The student will spend from one to two hours in class attendance in the mornings and will be expected to use the afternoons or evenings in exploring the city, to see first-hand places mentioned in morning lectures. For example, the Cabildo houses memorabilia of the Louisiana Purchase, the site of the Battle of New Orleans has been made into a public park, Preservation Hall is well-known as a shrine of Dixieland Jazz. Our three-week stay in New Orleans will also enable us to attend various cultural events there and do individual research.

Because it is the object of the course to integrate New Orleans history and music, one half of the students' grade will be based on historical aspects of the course, one half on musical aspects. There will be one paper or examination concerning New Orleans history, one paper or examination concerning New Orleans music.

BIBLIOGRAPHY: John Chase, *Frenchmen, Desire, Good Children and Other Streets of New Orleans*

REQUIREMENT FILLED: Interim

RESTRICTIONS: Tally cards required.

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$1,179.00 (price is based on air tariffs in effect July 31, 1980, and is subject to increase). Includes round trip passenger service; arrival meet and assistance (airport through hotel check-in); New Orleans City Tour; Harbor Cruise; 20 New Orleans bus and streetcar tokens; Plantation Tour; 14 nights' accommodation at Place d'Armes Hotel (in the heart of New Orleans' French Quarter); full American Breakfast for 14 mornings; 10 \$5.00 credit lunches; 3 \$5.00 credit vouchers for lunch or dinner; 1 group dinner at a plantation restaurant; entry fees to various museums; one evening with Al Hirt.

New Orleans restaurants are, in most cases, rather formal by Western standards. Male students are therefore expected to bring coat and tie; female, afternoon dress.

INSURANCE COVERAGE: Students are required to have the Students' Sickness and Accident Plan or similar coverage through another source.

MAXIMUM ENROLLMENT: 30

**P66810 Physical Education 303
LEADERSHIP FOR OUTDOOR
MINISTRIES**

4 semester hours

J. Olstad

This course is designed to prepare leaders for camping, recreation, and retreat ministries. The course syllabus will include small group communication, historical background of recreation and outdoor ministries, rationale, philosophy, and use of outdoor ministries and retreating, practical experiences in planning and conducting a retreat. Also will include camp craft, outdoor living and cooking, winter camping, snowshoeing, cross-country skiing, visitation and evaluation of several campsites, lectures, discussion, and specific projects related to interest areas. Students should plan to spend three days on campus and four weeks in various campsites.

Campsites include: base camp, Camp Colton, Colton, Oregon; wilderness site, Camp Friedland, Mt. Hood (winter camping); retreat center, Cedars, Banton, Oregon. All camps are within 45 minutes of the Portland areas.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$125.00 to cover cost of meals for 4 weeks off-campus, materials, and inter-camp travel. Transportation to base campsite is responsibility of student. On-campus students can expect to pay an extra \$15.00 to cover the cost of board for 3 days on campus.

INSURANCE COVERAGE: Students are required to have the Students' Sickness and Accident Plan or evidence or similar coverage.

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 8:30-11:30 a.m. and 1:00-4:00 p.m. January 5, 6, and 7, OA-106; remainder of Interim off-campus study and involvement at various campsites.

P69801

Anthropology/History 311

HORIZONS SOUTH:

A CULTURAL TOUR OF MEXICO

(See off-campus listing)

**P69802 Anthropology/History 313
CHINESE CULTURE, CALLIGRAPHY,
AND CUISINE**

4 semester hours

G. Guldin

This course will introduce the student to the China of the 1980's. By focusing on the nature of daily life in today's People's Republic of China, the course will provide the student with a feel for life in the cities and rural communes of the most populous nation in the world. During the course students will be exposed to the music, politics, family life, athletics, job opportunities, cuisine, religion, language, schools, and holidays of ordinary Chinese people. Strong emphasis will be placed on developing expertise in Chinese cooking and calligraphy through in-class demonstration and practice. American-Chinese differences, as well as the experience of the Chinese in America, will also be explored.

Class time will be devoted to an appreciation of the Chinese world-view and culture through a combination of lectures, discussions, films and slides. Student responsibilities will include: an analysis of some aspect of contemporary Chinese culture; a sample of calligraphy; and mastery of the elemental steps of Chinese cooking. The course, in sum, is intended to give the student a feeling of how the world is put together for nearly one-quarter of humanity.

BIBLIOGRAPHY: Burchett Alley, *China: The Quality of Life*; Schell & Esherick, *Modern China*; Jean Wong, *The Chinese Cookbook*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$10.00 fee per student for cooking expenses.

MAXIMUM ENROLLMENT: 50

MEETING TIME AND PLACE: 10:00 a.m. to 12:00 noon daily, HA-204

**P69803 Chemistry/Education 311
SCIENCE FOR THE HANDICAPPED**
4 semester hours
L. Stein, L. Huestis, guest lecturers

Public Law 94-142 creates a need for understanding and teaching the handicapped child in a mainstream situation. The material covered will be in the field of science but integrated with art, where both disciplines play a significant role in the conceptual, cognitive, and emotional development of the child. The goal is to help children realize and develop their full human and intellectual potential while learning some basic survival skills involving science concepts.

The purpose of the course is to design, implement, test, evaluate, and redesign curricula to meet the needs of handicapped children in the mainstream classroom. The subject area will be science integrated with art for children who have limited vision or are blind, hard of hearing or deaf, or emotionally disturbed.

Equal emphasis will be given to academic preparation and field experience. The course will demand much study, creativity, patience, dedication, and insight in working with these special people.

Students will be expected to design a small unit or integrated package of lessons on a specific topic integrating science and art. Students will assist a classroom or a special education teacher in presenting some of those lessons to blind, deaf, or emotionally disturbed children. After field testing the activities, students will meet on campus to evaluate and revise the lessons.

BIBLIOGRAPHY: Doris E. Cohen and Susan Hadary Cohen, *Laboratory Science and Art for the Blind, Deaf, and Emotionally Disturbed Children: A Mainstreaming Approach*

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 8:30-11:30 a.m. and 1:30-3:30 p.m. daily, HA-215 (Lab in R-317)

**P69804
Chemistry/Mathematics 314
NEW HORIZONS IN SCIENTIFIC AND
MATHEMATICAL THOUGHT**
4 semester hours
K. Batker, W. Giddings

New ways of looking at the world, often through the eyes of controversial individuals, have produced revolutionary advances in scientific and mathematical understanding. Morning class sessions explore the development of rational thought, logical demonstration, and practical applications of measurement to altering the physical world, beginning with the early Greeks. The succession of ideas is then framed through perspectives on motion formulated in the Renaissance and the clarification of process and principle gained during the Enlightenment, concluding with the explosions in the 20th century of ideas of duality, uncertainty, and incompleteness. Afternoon periods will allow for participation in laboratory and individual project activities.

Evaluation will be based on two examinations, laboratory and project reports, one paper either tracing the evolution of a particular concept through the centuries or comparing ideas across fields at a particular time in history.

BIBLIOGRAPHY: H. Butterfield, *Origins of Modern Science*; J. B. Conant, *Harvard Case Histories in Experimental Science*; H. Eves, *An Introduction to the History of Mathematics*; L. T. Hogben, *Mathematics in the Making*; M. Kline, *Mathematical Thought from Ancient to Modern Times*; T. S. Kuhn, *The Structure of Scientific Revolutions*

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 40

MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon daily, Memorial Gym Classroom; 1:00-3:00 p.m., R-301

**P69805 Chemistry/Religion 315
ON BECOMING HUMAN**
(See off-campus listing)

**P69806 Communication Arts/
Physical Education 305
BOND ISSUES, BALL GAMES, AND
P. T. BARNUM**
2 semester hours
J. Kittilsby

High school and college athletic programs are being caught in a financial squeeze because of soaring operational costs, growing instances of school levy failure, plus increased competition for the entertainment dollar, the latter created by the influx of professional sports and the trend toward do-it-yourself activity. The course will deal with techniques, methods, and materials used by the coach, administrator, and publicist to promote the respective sports programs. Developing rapport with the press, packaging radio and television, structuring game promotions, and creating informative printed materials are but a few of the topics that will be dealt with in depth. Guest speakers will include professional sports administrators and representatives of the mass media.

Students will organize and narrate basketball halftime shows in January, write PLU sports releases for publication in area weekly newspapers, research printing and radio-television production costs, and assist in the publicity and logistics of a major basketball promotion. Those seeking a grade other than P will prepare a paper creating a comprehensive public relations program for a school steeped in apathy.

BIBLIOGRAPHY: To be distributed.
REQUIREMENT FILLED: 2 hours of Interim. We recommend that this apply toward the Physical Education Coaching minor.

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 30

MEETING TIME AND PLACE: 10:45 a.m. to 12:00 noon daily, O-103

P69807
Communication Arts/Music 309
A CULTURAL EXPERIENCE IN THE
ARTS IN NEW YORK CITY
 (See off-campus listing)

P69808 Education/
Physical Education 312
HYPERACTIVE CHILDREN
 4 semester hours
 B. Moore

"Hyperactive" is a term used to describe a syndrome characterized by an inability to concentrate, short attention span, poor motor skills, numerous behavioral difficulties, inability to control activity levels when needed, as well as other symptoms. Recent studies indicate that five to seven percent of all elementary school children in the United States would be medically diagnosed as hyperactive. Therefore, the chances of an educator's having a hyperactive student are obviously quite high.

This course will focus on current methods of diagnosis and treatment of hyperactivity. The material will be presented through lectures, guest speakers, related articles, and books.

Students will be required to take part in several off-campus trips to local schools and/or agencies to observe hyperactive children. Each student will also be required to make a class presentation.

This course is open to all students, but is particularly valuable for educators, counselors, and therapists.

BIBLIOGRAPHY: Drs. Safer and Allen, *Hyperactive Children: Diagnosis and Treatment*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: Students will be expected to share in cost of transportation to local schools and/or agencies.

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon daily, HA-214

P69809 English/Religion 307
LIVING IN GOD'S SILENCE:
THE FILMS OF BERGMAN
 4 semester hours
 P. Benton, D. Knutson

Swedish writer-director Ingmar Bergman is widely acclaimed as one of contemporary cinema's most brilliant and provocative artists. His films are a fascinating blend of the realistic and the mysterious. They are often earthy, with the pain and laughter, the hungers and the joys of being human. But they also open up what's beneath and beyond our common life: dream and memory, love and death, and everywhere the equivocal pressure of God's silence.

We'll view eight films, including three that students have enjoyed most in previous interims: *The Seventh Seal* is a richly symbolic tale of a Knight's quest for God in the plague-ridden 14th century; *Through a Glass Darkly* is the moving story of a young woman's drift into God-hallucinations as she seeks love; and *Wild Strawberries*, perhaps Bergman's most enduringly popular film, concerns an old doctor's growth in love and forgiveness through painful recollection of his youth.

The Virgin Spring, not shown at PLU in over a decade, explores the convergence of pagan and Christian values in medieval Sweden. Two films complete the "trilogy on God's silence" opened by *Through a Glass Darkly*: first, *Winter Light*, the somber but uplifting drama of a doubting Lutheran minister, and then *The Silence*, the story of a small boy trying to make sense of the conflict between his anxiously sensuous mother and her dying sister, a writer and translator, as all three are caught in an alien city where no one speaks their language.

Cries and Whispers, often considered Bergman's masterpiece in color, is a painfully beautiful exploration of the passions and fears of three sisters and their maid at the edge of death in a lush turn-of-the-century mansion. A stellar cast (Ingrid Bergman, Liv Ullmann, Lena Nyman) helped make *Autumn Sonata*, the story of an aging pianist who must face her failure as a mother, the best foreign film of 1978.

In addition we'll view two documentaries, one surveying Bergman's whole career and a second his methods as a director.

As in previous interims, our emphasis will be on enriching the double experience of Bergman's films. We'll pay careful attention to Bergman's cinematic art as well—his use of images, lighting, close-ups, and so on, as his "magic lantern" projects his wondering vision of the world.

The course will include both lectures and discussion, with frequent small group sessions for working out personal reactions. Students will be expected to read the screenplays and selected materials on Bergman, keep a daily journal, attend class regularly, and prepare one short paper or other project. Students who write a longer paper, including some library research, will be eligible for an Honors grade, or for credit toward the Scandinavian Area Studies major (A-E grade required).

BIBLIOGRAPHY: Bergman, *Four Screenplays, Three Films*, and *Autumn Sonata*; optional: Bergman, *Four Stories*

REQUIREMENT FILLED: Interim; see also last paragraph of course description, above.

GRADING SYSTEM: H, P, NC; A, B, C, D, E for Scandinavian Areas Studies credit.

COST IN ADDITION TO TUITION: \$18.00 film fee

MAXIMUM ENROLLMENT: 65

MEETING TIME AND PLACE: 9:30 a.m. to 12:00 noon, MWF HA-207, TR HA-101

P69810 History/Music 317
NEW ORLEANS: ITS HISTORY,
ITS JAZZ
 (See off-campus listing)

ART

**P60401 Art 215
CRAFTS**
4 semester hours
G. Roskos

A studio survey of contemporary craft techniques. Assigned problems in a variety of media including leaded glass, enamel on metal and textiles. The aim is to integrate an awareness of traditional crafts, a familiarity with current work and its practitioners, as well as an understanding of design concepts with as thorough treatment as possible for basic craft-making techniques.

The course includes:

- (1) History—functions of crafts, historical survey, emergence of contemporary styles and current work in America and Europe;
- (2) Design—universal elements and principles of design and application to specific craft-making techniques;
- (3) Techniques—fundamental materials and processes of crafts-making in enameling, leaded glass, tie-dying, and batik.

Projects:

1. Enameling—4 projects as follows:
 - a. Using powdered enamels, strings, and enamel lumps.
 - b. Coisonne.
 - c. Combined enameling and found objects.
 - d. Plique-a-jour technique with transparent enamel.
2. Stained glass panel—using copper foil and 50/50 solder.
3. Stained glass panel—using coming.
4. Stained glass light fixture—choice of technique.
5. Tie-dying wearing apparel (choice).
6. Batik—wall hanging.
7. Batik—tablecloth.

Work will be evaluated on the basis of craftsmanship, concept, and examination.

BIBLIOGRAPHY: Oppi Untracht, *Enameling on Metal*; Elyse Sommer, *Costume Jewelry*; Dona Meilach, *Batik and Tie Dye*; Polly Rothenberg, *The Complete Book of Creative Glass*; *Craft Horizons*, Bound copies, from 1958.

REQUIREMENT FULFILLED: General University Core Requirement.

GRADING SYSTEM: A, B, C, D, E.

COST IN ADDITION TO TUITION: \$30.00—solder, copper, foil, flux, copper sheet, enamels, cloth, dyes, wax.

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: In class 9:00 a.m. to 12:00 noon

daily, IN-134B; open studio afternoons.

**P60403 Art 317
ART AND TRAVEL**
4 semester hours
L. Kittleson

The surest guide to the spirit of a civilization is its art. It is the aim of this on-campus course to introduce the intended traveler to some of the basic artistic forms that define the qualities and styles of a civilization. Through travel we can broaden our knowledge of other people, other places and other times so that our own lives can be enriched and given new meaning.

Through slides, films, lecture, and discussion we will observe and consider the styles of Western Civilization as we find them in Greece, Italy, France, Germany, England, America, and other countries where significant architecture, sculpture, and painting is found. Although museum collections will be referred to in this course, we will concentrate on works of art still at their original site.

Form and style will be central to our study, but the practical considerations of preparation for travel, modes of transportation, accommodations, food, and photography, will be discussed with our guests who will be professionals and seasoned travelers.

All students will prepare broad itineraries for cultural programs as well as specific itineraries with schedules and costs. These will be used to help measure the students' understanding of the course material.

BIBLIOGRAPHY: Bernard Andrae, *The Art of Rome*; H. Arnason, *History of Modern Art*; Anthony Blunt, *Art and Architecture in France, 1500-1700*; Robert Branner, *Chartres Cathedral*; Frederick Hartt, *Italian Renaissance Art*; Louis Grodecki, *Gothic Architecture*; H. W. Janson, *History of Art*; H.E. Kubach, *Romanesque Architecture*; Gisela Richter, *Handbook of Greek Art*; Otto von Simson, *Sacred Fortress*; W. F. Volbach, *Early Christian Art*; time tables, guide books, and maps.

REQUIREMENT FULFILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 35

MEETING TIME AND PLACE: 9:00-11:00 a.m. daily; IN-100

P60404 Art 326
PHOTOGRAPHY I
 4 semester hours
 G. R. Elwell

Studio course in photography as an art form. Primary concentration on camera techniques and use of darkroom. Student production of slide and print portfolios, with an emphasis on creative and expressive experimentation.

REQUIREMENT FILLED: General University Core Requirement

GRADING SYSTEM: A, B, C, D, E

COST IN ADDITION TO TUITION: \$30.00 Materials and Use Fee

MAXIMUM ENROLLMENT: 24

MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon daily;
 IN-134A

P60405 Art 386
IMAGERY & SYMBOLISM
 4 semester hours
 E. Schwidder
 (Assisted by R. Tellefson)

The study of symbols (designators) is the search for meaning—a way to identify, emphasize, and understand ourselves and the world around us. Identification of symbols—graphic, allegorical, private, sensorial, and/or figurative—provides avenues of approach to works of an ideological nature. Such communication goes beyond the visual, beyond the object, and into the realm of mysticism, religion, and superstition. Primary attention will be given to the origin and evolution of images, symbols, costumes, rituals, and other aspects of the Christian cults. Also included will be a discussion of personal symbolism and an introduction to "kitsch" or the false image.

The course will follow a lecture-discussion format, with demonstrations, particularly in the study of symbols of ritual and movement. Emphasis will be on group participation. One exercise will be the re-enactment of the monastic day, the horarium. This will be conducted through two 24-hour periods (see times listed below). All students are expected to participate. Any who would not be able to dedicate this time to the exercise, or do not wish to participate for religious reasons, should not register for this course. Weekly reports summarizing, analyzing, and elaborating on the material presented will be required. In addition, students may elect to do an appropriate term project.

BIBLIOGRAPHY: H. Bailey, *Lost Language of Symbolism*; G. W. Ferguson, *Signs and Symbols in Christian Art*; A. Grabar, *Christian Iconography*; C. Jung, *Man and His Symbols*; G. Kepes, *Sign Image and Symbol*; G. Santayana, *Sense of Beauty*; J. W. Dixon, *Nature and Grace in Art*.

REQUIREMENT FILLED: General University Core Requirement

GRADING SYSTEM: A, B, C, D, E

MAXIMUM ENROLLMENT: 40

MEETING TIME AND PLACE: 10:00 a.m. to 12:00 noon daily,
 IN-116; meeting at regular intervals throughout the day and evening from 6:00 p.m. Jan. 18, to 7:00 p.m. Jan. 20, in Tower Chapel.

BIOLOGY

P60601 Biology 307
FLUID HORIZONS: THE DYNAMICS
OF SCIENCE

4 semester hours

R. McGinnis, K. Benson

Horizons of knowledge and understanding continue to be altered and expanded by a most remarkable achievement of mind: science. These horizons extend to the past and the future, toward the infinite and infinitesimal, and their expansion has altered our very conception of space, time, earth, and sky. Presently, for example, we may listen to a cosmic wail echoing from the birth of this universe billions of years ago and we may contemplate its end; we may investigate the evolution and organization of the human brain and we may concoct recipes for the creation of new life forms; and, we may shatter an atomic nucleus or search for quantum units of gravitational force. This class is intended to assist you in understanding, judging, and enjoying such developments by providing an introduction to the dynamic substance of science: what it is, what it does, and how it relates to other manifestations of human endeavor.

We will begin with a discussion of science as diagnosed by some of its great practitioners, historians, and philosophers. We will then follow the development of two or three great problems in science, from the Greeks to the present, and then focus on contemporary issues or discoveries as reported in non-technical scientific literature. The problems to be discussed include the history of earth and life, with a discussion of contemporary views of natural selection, and one or two of the following: the architecture of matter, the nature of inheritance, and the fabric of the heavens.

In addition to the lecture and discussion material listed above, each student will select an interesting problem or aspect of contemporary science and search the general literature for a term paper and brief seminar. If possible, we may spend several days off campus for seminar presentation and discussion. Evaluation will be based on essays, term projects, and class participation. We expect each student to grasp the essential features of science, gain a familiarity with the general science literature, present a coherent term project and seminar, and, hopefully, increase his or her wonder.

BIBLIOGRAPHY: John C. Green, *The Death of Adam: Evolution and Its Impact on Western Thought*, and Darwin and the *Modern World View*; Scientific American offprints: others added later.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

INSURANCE COVERAGE: Students are required to have the Students' Sickness and Accident Plan or evidence of similar coverage.

MAXIMUM ENROLLMENT: 30

MEETING TIME AND PLACE: 1:00-4:00 p.m. M T W R, and 9:00 a.m. to 5:00 p.m. Friday. HA-202

P60602 Biology 309
GENE STRUCTURE AND FUNCTION

4 semester hours

J. T. Carlson

An exciting new horizon for the 80's in biology is the prospect that scientists will have a detailed understanding of the structure and function of genes. Recent technological advances, most prominently recombinant DNA procedures and sequencing of nucleic acids, have led to the optimistic prediction that within the next ten years we will be able both to describe genes of higher organisms in the finest molecular detail and to understand how the expressing of genes is controlled. The realization of this prediction would represent the culmination of four decades of dramatic advances in molecular biology. An anticipated medical application of such understanding will be the development of approaches to deal with human genetic diseases. In this course we will examine in detail what is known about the genetic material of higher organisms. Additionally, we will consider the experimental methods used to investigate the nature of the genetic material. Specific topics will include:

- the structure of chromatin
- nucleotide sequencing
- nucleic acid hybridization
- recombinant DNA procedures
- organization of the genetic material
- control of gene expression

The topics will be approached through lectures and discussion of current research literature and recent review articles. Evaluation will be on the basis of participating in lectures, completion of a paper dealing with one aspect of gene structure or function, and participation in class preparation of a display for the Interim Faire.

BIBLIOGRAPHY: James D. Watson, *Molecular Biology of the Gene* (basic background information); Benjamin Lewin, *Gene Expression-2: Eucaryotic Chromosomes* (basic background information). Details and current information will come from primary sources (research articles in scientific journals) and review articles in scientific journals.

REQUIREMENT FILLED: Interim

RESTRICTIONS OR PREREQUISITES: As a minimum, Biology 156 or an equivalent course including an introduction to molecular genetics. Students meeting only this minimum requirement should meet with the instructor before the class begins to plan background reading.

COURSE LEVEL: This course is designed for majors or advanced students.

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon, MTWR: R-210

P60603 Biology 314
FOOD MICROBIOLOGY
 4 semester hours
 A. Gee

Food is a dominant concern of humankind: food provides the energy and material for work, growth, and maintenance. The rise and fall of civilization, in part, can be traced to human endeavors to adjust to the surroundings in an effort to produce and store food. The importance of food perhaps can best be underscored with a quotation from Lin Yutang, "The revolutions, peace, war, patriotism, international understanding, our daily life and the whole human social structure are influenced by food."

The role of microbes in the food industry tends to be underrated. Most people are vaguely aware of the relationships of microbes to food spoilage, food poisoning, and food-borne infections. We are, however, likely to be less appreciative of the contributions of microbes to the wholesomeness and pleasure in our food.

The purpose of this course is to introduce students to food microbiology. The subjects we will attempt to cover specifically will be: (1) identification and enumeration of microorganisms important in food, (2) principles of food preservation, and (3) foods and enzymes produced by microorganisms.

The course will have a lecture-laboratory format. Students will be given reading assignments and required to do laboratory projects. Evaluation of students will be based on two laboratory reports and two examinations.

BIBLIOGRAPHY:W. C. Frazier and D. C. Westhoff, **Food Microbiology**; H. W. Rossmore, **The Microbes, Our Unseen Friends**.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 16

MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon daily; R-209 (Labs will be held in R-207.)

P60605 Biology 315
EPIDEMIOLOGY: ITS PLACE IN THE
PAST, PRESENT AND FUTURE
 4 semester hours
 A. Alexander

Is it true that typhus, bubonic plague, malaria, and measles may have influenced history as much as any of the great armies? Should you eat less red meat and fewer eggs to prevent coronary heart disease? Will antibiotics soon be useless due to the spread of bacterial resistance to their effects? This course in epidemiology will tackle these and other questions. We will consider our epidemiological past, referring to both infectious and non-infectious disease, and implications for our current and future health which can be derived using epidemiological methods of analysis and risk assessment. The course will allow the student to develop an understanding of epidemiological history: the focus on infectious disease problems of the past hundred years or more and the more recent attempts to study such non-infectious diseases as coronary heart disease, cancers, suicide, and sudden infant death syndrome using population-oriented methods. The current status of a number of pertinent problems will be discussed—e.g., the roles of vaccines vs. antibiotics, the emergence of "new" diseases, the roles of diet and stress in disease, and assessment of the risks of exposure to chemicals in the environment. Attempts will be made to identify specific areas of concern for our future public health.

Implementation will be primarily through reading, discussion of cases, and use of methods in problem solving with real and simulated epidemiological data. Some lectures may be given in order to present background information.

Students will be expected to keep a journal of commentary and questions concerning the readings and class discussion. Comprehension of the use of methods will be measured by homework and quizzes. A paper summarizing either the status of a specific problem area or proposing and defending a particular point of view will be required. The format for development of the papers will be constructed with the students "acting" as instigators and reviewers of proposals for research funding. The proposals will be considered with respect to their epidemiological sensibility and priority for the public welfare in the future.

Evaluation will be based on thoroughness of the journal, quality of the written paper, degree of participation in class discussion, and quiz scores.

BIBLIOGRAPHY:F. M. Burnet and D. O. White, **The Natural History of Infectious Diseases**; Hans Zinnser, **Rats, Lice, and History**; Gary D. Friedman, **Primer of Epidemiology**; selections from such periodicals as *Science*, *New England Journal of Medicine*, *Lancet*, *Annual Review of Public Health*, *Mortality and Morbidity Weekly Report*, and various news sources.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 25

MEETING TIME AND PLACE:1:00-3:00 p.m. daily, HA-211

P60605 Biology 317
HUMAN EVOLUTION AND ECOLOGY
 4 semester hours
 D. Hansen

If we were to consider the age of the planet as 24 hours, the human species has existed but a few minutes and the industrial age only seconds; but in that time our species has shone brilliantly and, at the same time, cast great shadows on its future.

The purpose of this course is to trace our origins through glimpses into evolutionary processes, to examine our position on earth through introduction to some basic ecological concepts, to look at changes we are currently effecting on our planet through waste and extravagance, and finally, to try to ascertain where we might go from here.

The course is intended for all students, but may be especially valuable to non-majors who wish to gain a perspective of our place in nature, both in time and space. The material will be covered with the assumption that no other science has been studied. This, however, should not discourage those who have had science from enrolling, as the material still should prove relevant.

Aspects of human evolution and ecology will be presented on both a biological and cultural basis, in that there are different points of view as to whether our actions and behavior are closely linked to our biological evolution or whether they are uniquely a property of being human. To address this question, introduction into basic evolutionary and ecological concepts will be presented.

A variety of media will be used to present the material including lecture, reading, examination of various primate and early human skulls, games, and movies. In addition to participation in discussions, students will be expected to write and present a paper on a choice of topics related to the course.

BIBLIOGRAPHY: A. S. Boughey, *Man and the Environment: An Introduction to Human Ecology and Evolution*. Supplemental: R. A. and P. J. Watson, *Man and Nature: An Anthropological Essay in Human Ecology*; C. P. Swanson, *The Natural History of Man*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MEETING TIME AND PLACE: 1:00-3:00 p.m. M, W, R, F and 1:00-5:00 p.m. Tuesdays; Ivy 105

BUSINESS ADMINIS- TRATION



Stanislaw J. Sawicki

P60801
Business Administration 301
WORLDS OF CHANGE:
GLOBAL ISSUES OF 1980
 4 semester hours
 S. Sawicki

"Worlds of Change" is a study of socio-economic relationships among economically advanced nations and countries in the nascent stages of political and economic development. Through comparisons in many important spheres of human relationships and social systems, this course will provide a review of different approaches to global problems in several countries that operate with different economic and business systems. For example, the development of the Third World is taking place under very different circumstances from those found in Western Europe and North Africa in previous centuries. There will be an emphasis on business and public policy making under the influence of environmental forces, business traditions, legal systems, and social and political ideologies.

REQUIREMENT FILLED: Interim

RESTRICTIONS: Tally cards required—see School of Business Administration.

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 50

MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon, Monday through Thursday, HA-200

STANISLAW J. SAWICKI joins our faculty for the Interim 1981 session as Consulting Professor and Visiting Scholar. He is a distinguished faculty member of the University of Victoria in New Zealand, a Senior Research Fellow associated with the Russian Institute of Columbia University, and is a former Visiting Fellow of the Polish Academy of Sciences and previous Visiting Scholar at the University of Washington. Educated primarily in Poland and England, he holds a Bachelor of Commerce (Accounting) degree and an LLB (Law) from the University of London, and a PhD from the University of Victoria. His recent research includes studies and publications on land use in socialist countries, concepts of ecology related to foreign trade, East-West management philosophies reflected in accounting, Soviet Law, higher education in Australia, roles of profits and risk taking in various countries, and comparisons of management structures.

P60802
Business Administration 303
CAREER DEVELOPMENT:
EMPLOYMENT IN 1984
 4 semester hours
 D. Olufs

The purpose of the course is to give each student the theoretical and practical tools to build, follow, and adjust a career plan. At the completion of the course each student will have defined a career objective; written a strategy for achieving that objective; completed a thorough analysis of three alternative occupational fields, using library research, field trips, and in-class resources; completed a personal skills and occupational preference inventory using test instruments; achieved significant improvement in intra-personal skills through small group participation, role playing with peer critiques, and videotaped self-critiques.

In this course, you will get to know yourself, based on and discovered through test instruments and experiential learning exercises; know where you fit in today's world—your alternatives; know where you wish to be in that world now; and find a clear path of how to get there.

A significant part of the students' evaluation will be the written assignments that follow the self-analysis.

REQUIREMENT FILLED: Interim

RESTRICTIONS AND PREREQUISITES: Sophomore standing or higher. Tally cards required—see School of Business Administration.

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: Nominal cost associated with 3 field trips to the Seattle area.

MAXIMUM ENROLLMENT: 36

MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon, M T W R, HA-223.

DICK OLUFS received his BA and MBA from Stanford University. A specialist in career planning and guidance, he has spent thirty years in general management and staff specialist positions in California and Washington. A director of the Stanford Business School Alumni Association, Dick has maintained close ties between the academic and business communities. Recently he joined the recruitment and placement firm of Career Specialists in Bellevue as a Vice President, specializing in general and financial management placement.

P60803
Business Administration 305
MANAGERS AT WORK
 4 semester hours
 W. M. Crooks

The purpose of this course is (1) to analyze the differing methods of managers at work from first-line supervisors to presidents or top administrators in both business and government, and (2) to determine the impact the profit motives have on managerial methods by comparing organizations of profit-oriented business with nonprofit government.

Management is a universal subject and the meaning depends upon each manager's interpretation; therefore, an academic-textbook approach can lead to stereotypes which are not consistent with reality. The Interim will focus on what managers are doing and attempt to determine the reason why. The periodical bibliography focuses on several management types or approaches: formalistic, competitive, collegial, situational, management by objective, etc.

A special emphasis will be placed on top managers and first-line supervisors. Comparative organizations, both in government and business, will be used to the fullest, i.e., hospitals and schools.

At the first class meeting a three hour briefing by the instructor will initiate students to some of the practicing philosophies of management, as well as the reasoning behind their use. Guest speakers from representative organizations will be scheduled from 9:00-12:00 a.m. daily. These will be interspersed with field visits to organizations for on-site briefings and tours. Selected students will be assigned to general areas for research and also to question speakers in specific areas.

BIBLIOGRAPHY: Peter F. Drucker; *The Effective Executive*; *Management*; *Managing for Results*; *Preparing Tomorrow's Business Leaders Today*; *The Concepts of the Corporation*. Periodicals Include: *Harvard Business Review*; *Business Week*; *Baron's*; *Industry Week*; *Wall Street Journal*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 50

MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon daily;

HA-213

P60804
Business Administration 307
PERFORMANCE ANALYSIS:
BUSINESS AND SOCIAL PLANNING
AND MEASUREMENT
 4 semester hours
 R. Malan

This course is offered to explore the rapidly changing world of performance planning and measurement. The concepts to be explored include (1) traditional and complex business and social goals (concepts of productivity, performance, and direct impact and indirect results); (2) traditional and complex approaches to measurement of performance (standards and measures, measurement processes and approaches to audits, cost and effectiveness of auditing processes, and inclusion and exclusion in performance planning and control); and (3) special techniques (PERT and critical path approaches to project management, auditing techniques, cost/benefit analyses, and private vs. social costs and benefits).

The instructional methodology includes case analyses, readings, and field studies. Students, organized in teams, select projects for performance analysis in the field of business and public administration. Projects selected should include those with multiple objectives, direct and indirect consequences, and an emphasis on improvement (business or social arena). The team project will provide the major part of each student's evaluation.

REQUIREMENT FILLED: Interim

RESTRICTIONS AND PREREQUISITES: Upper-division or graduate standing. Tally cards required—see School of Business Administration.

COURSE LEVEL: Advanced—recommended for students with interest in business or public administration.

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: Nominal cost for field trips.

MAXIMUM ENROLLMENT: 24

MEETING TIME AND PLACE: 6:00-10:00 p.m. Monday and Wednesday, 9:00 a.m. to 12:00 noon on Saturdays, HA-221. (Saturday meetings for team reviews and scheduled field activities.)

ROLAND MALAN is a nationally known expert in program evaluation and control. He holds a BA degree in business administration from the University of Washington, and MBA from Pacific Lutheran University, and PhD from the University of Washington. His doctoral studies in political science and public administration give him an unusually broad base for working in both public and private sectors. A former manufacturing systems analyst for the Boeing Company, he pioneered new techniques in efficiency measurement. As a controversial school board chairman in Federal Way, he instituted sweeping administrative changes there. Today, as the King County Auditor, he is actively managing a complex effort to measure the efficiency and effectiveness of a diversity of public sector programs and projects, as well as their compliance with financial and legal requirements.

P60805 Business Administration 308 FINANCIAL REPORTING FOR NON- PROFIT ORGANIZATIONS

4 semester hours

K. Cabbage

What tools does one need to manage not-for-profit organizations? This course will deal with two: setting goals and managing budgets. Profits generally measure business success. Success in nonprofit organizations is measured in many ways. Often the success of a manager of a nonprofit entity is measured by cost effectiveness.

This course is about goals, budgets, financial data, and decision making. The basic approach is through an introduction to accounting data. The class culminates in written and oral reports on five or six different nonprofit entities. Students will select topics that would relate financial data to management control.

Student assignments are initially problem work from required texts. The course is programmed for two tracks: advanced and beginning students in management and accounting. For the first two weeks, the instructor will lecture and discuss problems in separate one-hour advanced/beginning sections. Advanced students will tutor problem work with beginners. The entire class will work together in the final two weeks. Student teams will interview managers and study specific nonprofit organizations in the Seattle-Tacoma area.

It is expected that all students will learn from hands-on experience. Advanced accounting students should improve problem-solving skills. Management and social science students should gain experience in the role of financial reporting in managing nonprofit organizations.

Bases for student evaluation are class participation, problem work, and the oral and written reports. Grading is on two standards, based on initial background—that is, how much did the student grow and contribute during class?

BIBLIOGRAPHY: Leon E. Hay, *Accounting for Governmental and Nonprofit Entities*, Sixth ed.; Emerson O. Henke, *Introduction to Nonprofit Organization Accounting*.

REQUIREMENT FILLED: Interim

PREREQUISITES: One introductory accounting course. Tally cards required—see School of Business Administration.

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 24

MEETING TIME AND PLACE: 8:00-11:00 a.m. daily, HA-217

P60806 Business Administration 456 HONORS SEMINAR: POLICY IMPERATIVES FOR 1989

4 semester hours

G. King

The purpose of this course is to offer an integrative capstone experience to seniors in business administration. To this end, comprehensive case analysis and field study draw on the student's knowledge of all business functions. Formulation of plans and policies includes the review of relevant social, ethical, religious, economic, legal, and international issues.

The special emphasis of the course includes the consideration of the nature and impact of major changes in society. The materials under study include those shared by the speakers and participants in two major conferences: (1) *Management in the 20th Century*, Paris, June 1980, American Assembly of Collegiate Schools of Business and the European Foundation for Management Development; and (2) *Conference on Business and Public Policy*, Berkeley, July 1980, American Assembly of Collegiate Schools of Business and the University of California, Berkeley.

BIBLIOGRAPHY: Readings include policy texts, articles in the *Harvard Business Review*, and recent writings of Peter Drucker.

REQUIREMENT FILLED: Substitute for BA 455, Business Policy course.

RESTRICTION AND PREREQUISITES: Senior standing in Business Administration; minimum cum. g.p.a. 3.0. Tally cards required—see School of Business Administration.

COURSE LEVEL: Advanced.

GRADING SYSTEM: A, B, C, D, E

COST IN ADDITION TO TUITION: Nominal cost related to field trips and studies in the field.

MAXIMUM ENROLLMENT: 24

MEETING TIME AND PLACE: 8:00 a.m. to 12:00 noon M, W, F, HA-221

P60807 Business Administration 535

**LEGAL ASPECTS OF THE
MANAGEMENT PROCESS**

4 semester hours

A. Poundstone

This course surveys federal and state laws, rules, and regulations that directly impinge on the manager's decision making in the modern business enterprise. Included are legal implications for the individual manager and his/her corporation that follow from business decisions in areas such as employee relations, consumer protection, security and exchange regulations, rights of corporate shareholders and creditors, antitrust laws, and environmental protection.

REQUIREMENT FILLED: Elective in MBA or MA programs.

RESTRICTIONS: Tally cards required—see School of Business

COURSE LEVEL: Course open to students admitted to specific MBA or MA programs.

GRADING SYSTEM: A, B, C, D, E

MAXIMUM ENROLLMENT: 36

MEETING TIME AND PLACE: 6:00-10:00 p.m., M, T, R, HA-215.

CHEMISTRY

P61001 Chemistry 115

GENERAL CHEMISTRY

4 semester hours

F. Tobiason, D. Swank

The structure of matter, atomic and molecular theory, quantitative relationships; designed primarily for students who want to major in biology, chemistry, engineering, geology, or physics. Includes all premedical, pre dental, pharmacy, medical technology students and students planning to transfer to a Dental Hygiene Program. High school chemistry or permission of instructor required. Students with no high school chemistry or weak background should take 104 before this course.

REQUIREMENT FILLED: General University Core Requirement

RESTRICTIONS OR PREREQUISITES: Math 133 or equivalent; tally cards required.

GRADING SYSTEM: A, B, C, D, E

MAXIMUM ENROLLMENT: 40

MEETING TIME AND PLACE: Lecture 9:00 a.m. to 12:00 noon daily, R-108; Lab A 1:00-4:00 p.m. M W, R-320; Lab B 1:00-4:00 p.m. T R, R-320

P61004 Chemistry 305 CANCER: THE DISEASE AND THE POLITICS

4 semester hours
S. Tonn

In 1977, over a million people in this country were treated for cancer, and 380,000 died from the disease. There are, regularly, news reports of newly discovered cancer-causing agents, of miracle cures, wonder drugs, and vaccines, followed by contradictory evidence, retractions, or charges of falsified data, producing an emotional and confusing picture. Contrary to these images, there has generally been slow, steady scientific progress in the understanding of cancer. Few people realize that "cancer" is really a group of over one hundred different diseases, all of which cause some kind of uncontrolled proliferation of cells. This course will be designed to provide an overview of cancer as a disease, and as a political, economic, and ethical issue. First, various aspects of the biology and medical treatments of the cancer will be examined:

- suspected causes and kinds of cancer
- genetic and environmental factors in cancer
- development of the disease
- biology of the cancerous state
- uses of research animals and bacteria to draw conclusions about the development and progression of human cancers
- epidemiological studies of human populations
- immunotherapy, chemotherapy, and radiation in treatment of cancer

The ethics of public and workplace exposure to suspected cancer-causing agents, and the regulation of these agents by the Federal government will also be studied. Health professionals and people involved in medical ethics will speak to the class on their specific areas of expertise.

Students will be expected to read two or three books and several articles on reserve in the library. Each student will also prepare a research paper and an Interim Faire poster on some aspect of cancer. Grading will be based on class participation, the research paper and poster, and a final exam.

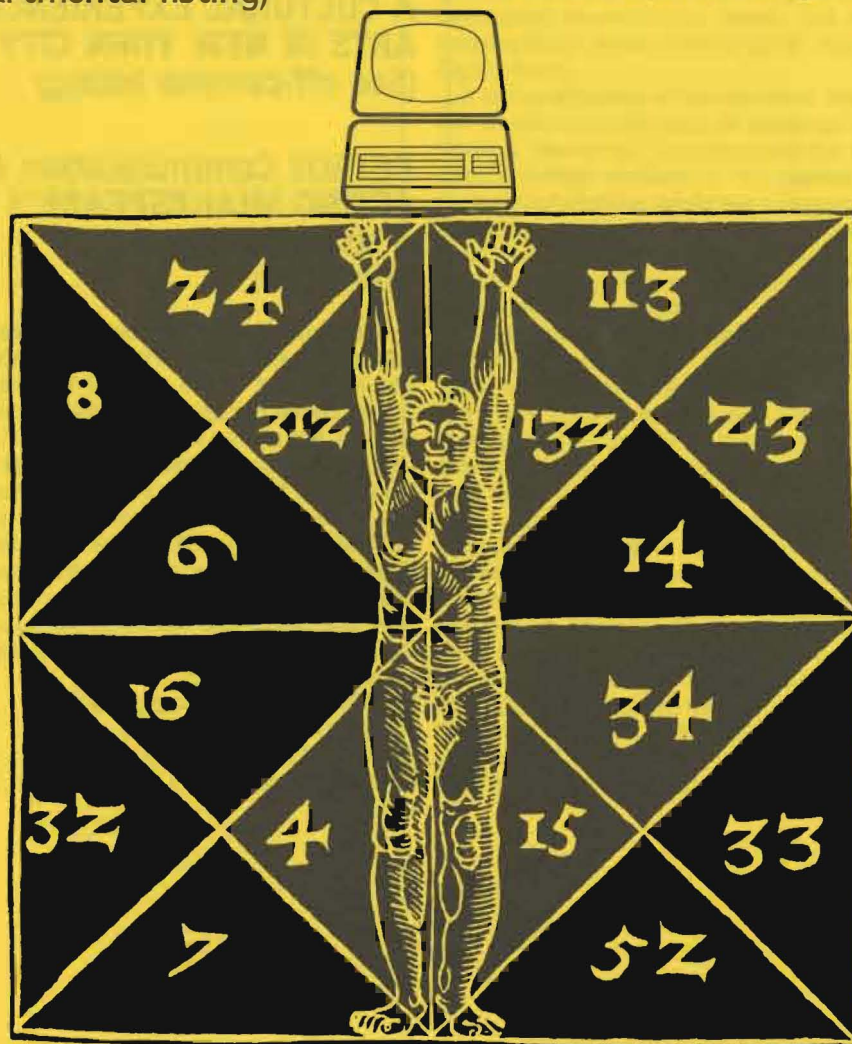
BIBLIOGRAPHY: R. E. Lafond, ed., *Cancer, the Outlaw Cell*; S. S. Epstein, *The Politics of Cancer*; and current articles from *Science*, *Scientific American*, *Chemical and Engineering News*, medical journals, and the *New York Times*

REQUIREMENT FILLED: Interim
PREREQUISITES: Biology 155 or Chemistry 103, 104, or 115
GRADING SYSTEM: H, P, NC
MAXIMUM ENROLLMENT: 40
MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon daily,
R-103

P69803 Chemistry / Education 311 SCIENCE FOR THE HANDICAPPED (See interdepartmental listing)

P69804 Chemistry / Mathematics 314
NEW HORIZONS IN SCIENTIFIC AND MATHEMATICAL THOUGHT
(See interdepartmental listing)

P69805 Chemistry / Religion 315
ON BECOMING HUMAN
(See off-campus listing)



COMMUNICATION ARTS

**P69806 Communication Arts /
Physical Education 305
BOND ISSUES, BALL GAMES,
AND P. T. BARNUM**
(See interdepartmental listings)

**P69807 Communication Arts /
Music 309
A CULTURAL EXPERIENCE IN THE
ARTS IN NEW YORK CITY**
(See off-campus listing)

**P61201 Communication Arts 311
ACTING SHAKESPEARE'S PLAYS**
4 semester hours
Lise Olson

This course will be a scene-study / scene-performance class with special emphasis on the actor's handling of the language and movement in the plays of William Shakespeare. Stress will be placed not only on the communication of the sense of the line, but also on the presentation of a full, rich, believable characterization. Students will be asked to work with a scene from one of Shakespeare's comedies, one of his tragedies, and one of his history plays. Shakespeare, his time, and his place in Theater History will also be discussed. Evaluation will be based on the three scene performances and two small character analysis papers. The teaching method will be lecture, discussion, and workshop participation.

BIBLIOGRAPHY: *The Pelican Shakespeare*

REQUIREMENT FILLED: Interim

RESTRICTIONS: Tally cards required.

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon daily, G-202

**P61202 Communication Arts 312
DOCUMENTARY PRODUCTION**
4 semester hours
C. LaBeau

Documentary Production will explore the history, development and styles of radio or TV documentaries while providing students practical experience in producing their own radio or TV documentaries.

This course will work closely with Comm Arts 480, In-Depth Reporting. Together, the two classes will select a current issue to examine in their reports. The similarities and differences in print and broadcast journalism will be discussed. Depending on the topic selected, off-campus travel may be required.

Students will be divided into production units. Each unit will be involved in all phases of documentary production: researching, writing, design, interviewing, taping, and editing. Class time will include lectures, viewing and discussing elements of television and film documentaries, and opportunities for students to consult with the instructor about their productions.

Evaluations will be based on written tests on lecture material, and on the final documentary production.

Students must have previous production experience in either radio or television.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

PREREQUISITES: This course is designed for majors or advanced students.

INSURANCE COVERAGE: Students are required to have Students' Sickness and Accident Plan or evidence of similar coverage.

MAXIMUM ENROLLMENT: 15

MEETING TIME AND PLACE: 9:00 a.m.—1:00 p.m. TR: HA 207 and TV Studio

**P61203 Communication Arts 315
WHAT THE STAGE MANAGER
SHOULD KNOW**
2 credit hours
E. Nordholm

A practical guide for the stage manager from developing the prompt script to the final production, the course will

enable the student to develop the necessary methods needed in coordinating the work from early rehearsals and the forms necessary to keep accurate records, and will teach the student how to run the production in performance.

Each student will develop a notebook which will serve as a reference when managing future shows. Evaluation will be based on participation in class discussion and a workbook which will be submitted at the end of the course.

REQUIREMENT FILLED: 2 hours of Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 1:00-3:00 p.m. Tuesday and Thursday, H-109

P61204 Communication Arts 480 IN-DEPTH REPORTING

4 semester hours

C. Rowe

The purpose of this course is to provide an opportunity to apply journalistic skills to a subject of importance and produce an in-depth report on that subject.

The subject will be selected and the staff organized by the students. The result of their work will be considered for production in the monthly supplement of the campus newspaper, *The Mooring Mast*.

Those in the class will be involved in all phases of its production—research, interviewing, writing, editing, graphics and layout.

Depending on the subject selected, there may be the need to travel off-campus, possibly overnight, for research or interviews.

Students in this course will work closely with those in the concurrent Interim class, *Documentary Production*, and will have the opportunity to observe and / or work with the use of television film in reporting on the same subject.

Work will be evaluated on the level of skills displayed and effort involved in the total project.

REQUIREMENT FILLED: Journalism major elective

PREREQUISITES: Comm Arts 283 or permission of the instructor. This course is designed for Comm Arts majors or advanced students.

GRADING SYSTEM: A, B, C, D, E

INSURANCE COVERAGE: Students are required to have the Students' Sickness and Accident Plan or evidence of similar coverage.

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 8:00 a.m. to 12:00 noon TR, A-221

COOPERATIVE EDUCATION

P61601 Cooperative Education 307 WORK IN THE EIGHTIES: CHALLENGES AND CHOICES

4 semester hours

V. Hanson

This course provides the opportunity for students to learn about some of the main ways in which work is changing in America. The primary objective of the course is to provide the student with current information and critical insights that could be of assistance in making work a more satisfying and creative part of his or her life.

Four sessions will cover background material related to work, sort of a critique of "the American way of work." One session will provide a historical perspective—the changing definition of work and changing attitudes toward work, past, present and future. The next three sessions will deal with the topics of "values and work," "current issues related to work," and "human needs and work." For each session two or three faculty persons from different departments will be the presentors.

This introductory material will be followed by eight sessions featuring representatives of each of the eight academic units. Each presenter will attempt to bring students up to date on changes in the work settings with respect to the areas they represent—education, nursing (health care), business administration, physical education, fine arts, natural sciences, social sciences, and humanities. They will also attempt to identify some major trends that will have impact on work in this decade.

Several sessions will identify specific opportunities for making connections between the campus and work place, such as through the Cooperative Education Program (including International Co-op), and the Career Planning and Placement Office.

Students will be required to complete three assignments, selected from a choice of approximately fifteen options, in addition to reading the two books.

BIBLIOGRAPHY: K. Brower, *The Starship and the Canoe*; J. Robertson, *The Sane Alternative*

REQUIREMENT FILLED: Interim

MEETING TIME AND PLACE: 1:00-4:00 p.m., MTWR, HA-101.

ECONOMICS

**P62001 Economics 150
PRINCIPLES OF ECONOMICS**
4 semester hours
S. Brue

What causes inflation? What causes unemployment? How does a firm decide what price to charge for its product? How might we deal with the various economic problems we are experiencing?

These are some of the questions which will be dealt with in this introductory economics course. We live in a very complex society and solutions to our problems don't come easily.

The course will familiarize students with various economic principles and provide an overview of our economic system. It will deal with key economic concepts and relationships which influence all of us in our everyday lives, and it will attempt to dispel myths and analyze mysteries which persist about the functioning of our economic system.

This course is a regular offering of the Department of Economics. It employs a lecture / discussion format. There will be weekly exams for evaluating the student's progress.

BIBLIOGRAPHY: Paul Wonnacott and Ronald Wonnacott, *An Introduction to Macroeconomics*; S. L. Brue and D. R. Wentworth, *Economic Scenes: Theory in Today's World*, 2nd ed.
REQUIREMENT FILLED: General University Core Requirement
GRADING SYSTEM: A, B, C, D, E
MAXIMUM ENROLLMENT: 45
MEETING TIME AND PLACE: 1:00-3:00 p.m. daily, HA-200

**P62002 Economics 231
INTRODUCTORY STATISTICS**
4 semester hours
M. Miller

Descriptive statistics: Measures of central tendency and dispersion. Inferential statistics: Generalizations about populations from samples by parametric and nonparametric techniques. Methods covered will include estimation, hypothesis-testing, simple correlation analysis, linear regression, and chi square analysis. Some use of the new computer system is contemplated.

BIBLIOGRAPHY: Freund, *Modern Elementary Statistics*
REQUIREMENT FILLED: Partial fulfillment of option III of College of Arts and Sciences Language requirement
PREREQUISITE: High School algebra or its equivalent.
GRADING SYSTEM: A, B, C, D, E
MAXIMUM ENROLLMENT: 30
MEETING TIME AND PLACE: 9:00-11:30 a.m. MTWRF; 2:00-3:00 T R (optional discussion session); HA-219



P62003 Economics 315
THE ECONOMICS OF PROFESSIONAL
SPORTS

4 semester hours

E. Ankrim

Do you think Kareem Abdul Jabbar is overpaid? Do you know that Curt Flood may have had the greatest impact on baseball in the last forty years, yet he'll probably never get into the Hall of Fame? Can you guess why one economist thinks the P.G.A. isn't long for this world unless Tom Watson spends more time establishing his sex appeal and less time on the driving range? Would you be interested in the impact on team revenues of regional television blackouts? If you find that these questions stir your curiosity, this class may be for you.

Professional sports are a big business, yet their structure and policies rarely receive the public attention other industries (e.g., oil, autos, utilities, etc.) are used to. This class will use standard economic analyses to investigate the rather glamorous world of professional athletes. Class time will be spent analyzing specific cases and reporting on topics of individual interest. Tentative plans include having at least one speaker from the major professional sports to address the class. Grades will be based almost entirely on an individual paper due at the end of the course. Participation in in-class cases will also be considered. The class enrollment will be kept purposefully small so as to limit duplication of interests.

BIBLIOGRAPHY: Roger G. Noll, ed., **Government and the Sports Business**; and assorted handouts.

REQUIREMENT FILLED: Interim

PREREQUISITES: Economics 150

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 8:00-10:00 a.m. daily, HA-208

EDUCATION

P69803 Chemistry / Education 311
SCIENCE FOR THE HANDICAPPED
 (See interdepartmental listing)

P69808 Education / Physical
Education 312

HYPERACTIVE CHILDREN

(See interdepartmental listing)

P62401 Education 318
INTEGRATING THE NEWSPAPER INTO
THE CLASSROOM

2 semester hours

W. Brochtrup

The purpose of this course is to increase the knowledge of teachers relative to using the newspaper as a teaching resource and as an instructional tool. Application of skills learned will be encouraged and enhanced through curriculum materials and teaching strategies. These teaching aids will be related to the newspaper and will be provided, as well as presented, during the class time. Students will develop a rationale for using the newspaper as an instructional or teaching tool. They will learn to design lesson plans, idea cards, and other teaching materials to be implemented in the student's activities and studying NIE (Newspapers in Education) related materials, the student will learn how to successfully introduce the newspaper to a class and how to locate and acquire NIE teacher guides and curriculum materials to aid in individualizing instruction. Evaluation will be based on lesson plans and teaching materials developed.

BIBLIOGRAPHY: To be assigned as needed during the course.

REQUIREMENT FILLED: 2 hours Interim

PREREQUISITES: EDUC 251 or permission of instructor.

COURSE LEVEL: Advanced—designed for majors or advanced students.

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: Lab fee for materials—maximum \$10.00.

MAXIMUM ENROLLMENT: 40

MEETING TIME AND PLACE: 4:00-6:30 p.m., M, W, HA-117.

P62402 Education 319A INDEPENDENT STUDY

4 semester hours

A. Pederson

An experience in a local school district at the elementary level involving activities such as teaching, working as a teacher-aide, and/or working with youngsters in the classroom setting.

If you desire to use this experience as a part of the K-12 certification requirement, see your adviser in the School of Education for approval.

Placements in schools are the responsibility of the School of Education and require a completed application form and a proposal for the study prepared by the student. Applications and proposal forms are available from the instructor. These must be completed, and signed by the instructor, before December 1, 1980, and before registration is completed. Independent study card is required.

Evaluation will be by the field and P.L.U. supervisors, and will depend upon successful completion of the assigned tasks. BIBLIOGRAPHY: Readings assigned on the basis of individual needs.

REQUIREMENT FILLED: Interim

PREREQUISITES: EDUC 251 or permission.

COURSE LEVEL: The course is designed for majors or advanced students.

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 25

P62403 Education 319B INDEPENDENT STUDY

4 semester hours

K. Johnston

An in-school experience in a local school district at the secondary level involving such activities as teaching and/or working with adolescents in the classroom setting.

If you desire to use this experience as a part of the K-12 certification requirement, see your adviser in the School of Education for approval.

Placements in schools are the responsibility of the School of Education and require a completed application form and a proposal for the study prepared by the student. Application

and proposal forms are available from the instructor. These must be completed, and signed by the instructor, before December 1, 1980, and before registration is completed. Independent study card is required.

Evaluation will be by the field and P.L.U. supervisors, and will depend on successful completion of the assigned tasks.

REQUIREMENT FILLED: Interim

COURSE LEVEL: The course is designed for majors or advanced students.

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 25

P62404 Education 319C INDEPENDENT STUDY

4 semester hours

W. Brochtrup

An experience in a local school district working with a reading specialist at the elementary level, involving such activities as diagnosis and evaluation of youngsters reading below grade level, tutoring the youngsters, and observing the role of the reading specialist in the school district.

This experience may be used as an elective in the School of Education and requires a completed application form and a proposal for the study prepared by the student. Applications and proposal forms are available from the instructor. These must be completed, and signed by the instructor, before December 1, 1980, and before registration is completed. Independent study card is required.

Evaluation will be by the field and P.L.U. supervisors, and will depend on successful completion of the assigned tasks.

REQUIREMENT FILLED: Interim

PREREQUISITES: EDUC 325 or equivalent

COURSE LEVEL: The course is designed for majors or advanced students

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 25

P62405 Education 319D SPECIAL EDUCATION

4 semester hours

K. Gerlach

An experience as a teacher-aide in a local school district at the elementary or secondary level in a special education classroom with either learning disabled, emotionally disturbed, mentally retarded, or severely handicapped children.

Minimum requirements include:

- (a) Participation in the class activities with the assigned special education teacher, daily, from approximately 9:00 a.m. to 3:00 p.m. Times will vary slightly with assignment.
- (b) Work as an aide. Examples of responsibilities or duties that might be assigned by the master teacher include assisting the children in movement about the school and playground, tutoring in specific lessons (e.g., reading, math), collecting and recording data on specific children, and assisting in the preparation of progress notes for specific children.
- (c) Keeping a log of your daily activities.
- (d) Reading the required text.
- (e) Participation in the two seminars.

Placements in schools are the responsibility of the School of Education and require a completed application form. Forms are available from the instructor. These must be completed, and signed by the instructor, before December 1, 1980 and before registration is completed. Independent study card is required.

BIBLIOGRAPHY: Payne, Kauffman, *Exceptional Children in Focus*

REQUIREMENT FILLED: Interim. The course may be used as an elective in the special education teaching minor.

PREREQUISITE: EDUC 251

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: Jan. 5, 10:00-11:00 a.m., HA-117; Jan. 30, 10:00 a.m. to 12:00 noon, HA-117

P62406 Education 319E
INDEPENDENT STUDY
4 semester hours
C. DeBower

An off-campus experience in a non-local school district involving teaching and/or working with youngsters in a classroom setting.

Placements in schools are the responsibility of the School of Education and require a completed application form and proposal for the study prepared by the student. Application and proposal forms are available from the instructor. These must be completed, and signed by the instructor, before December 1, 1980 and before registration is completed. Independent study card is required. Not applicable to K-12 certification.

Evaluation will be by the field and P.L.U. supervisors and will depend on successful completion of the assigned tasks.

REQUIREMENT FILLED: Interim

PREREQUISITES: EDUC 251 or permission

COURSE LEVEL: The course is designed for majors or advanced students

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 30

Education 319F
INDEPENDENT STUDY
1-4 semester hours
Staff

P62407 1 semester hour credit

P62408 2 semester hours credit

P62409 3 semester hours credit

P62410 4 semester hours credit

A basically non-school, library-oriented study such as the development of curricular materials, an in-depth particular investigation, or reading in an educational field.

Applications and proposal forms are available from the instructor. The proposals forms must be completed by the student and approved by the instructor before registration is completed. An independent study card is required. Not applicable to K-12 certification.

Evaluation will be by the field and P.L.U. supervisors, and will depend on successful completion of the assigned tasks.

REQUIREMENT FILLED: Interim

PREREQUISITES: EDUC 251 or permission

COURSE LEVEL: The course is designed for majors or advanced students.

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 30

ENGLISH

P63001 English 101-A
COLLEGE ENGLISH
4 semester hours
G. Martin

"We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain inalienable rights, that among these are life, liberty and the pursuit of happiness. That to secure these rights, Governments are instituted among men, deriving their powers from the consent of the governed . . . It would have been quite impossible to render this into Newspeak while keeping to the sense of the original" (George Orwell, *Nineteen Eighty-Four*).

It is the obligation of the educated man or woman to laugh out of existence the kind of language which George Orwell labelled "Newspeak" and predicted for the generation of the 1980's. College students of the eighties, if they are to meet their responsibilities, must learn to communicate with clarity and style, combining the technical or specialized language of their chosen disciplines with the standard, cross-disciplinary conventions agreed upon by other educated readers and writers and their society.

The purpose of College English is to prepare the university student to read, speak, and write with intelligence and to judge the written word with accuracy and perception. The last years have taught us that while women and men are specializing in many fields, it is more crucial than ever that all users of English speak the same language. In English 101 we will focus on mastering full comprehension of academic essays and on writing clear, intelligent, and well-organized essays appropriate to various PLU courses. Because our course is intensive, students will write each day, exchanging essays and evaluating each other's work. In this way, the College English student will prepare for other university course work and for the media-dominated world of the 1980's.

BIBLIOGRAPHY: Barnet & Stubbs's *Practical Guide to Writing*.

REQUIREMENT FILLED: General University Core Requirement

GRADING SYSTEM: A, B, C, D, E

MAXIMUM ENROLLMENT: 15

MEETING TIME AND PLACE: 8:00-10:00 a.m. daily, HA-212.

P63002 English 101-B
COLLEGE ENGLISH
 4 semester hours
 S. Jansen Jaech

As a basic course in English composition, College English is especially designed to strengthen writing skills. But it should also do much more.

During this Interim, we will begin with a review of the fundamentals of good writing. We will start with a writing sample, and as the Interim continues, we will work with basic essay structure, revision of paragraph and sentence structure, and diction. We will emphasize those areas where students need the most work. But in addition to these basics, we will be working with less formal rhetorical approaches. We will strengthen the personal and unique voice of each writer. We will use imagination-stretching exercises to bring freshness and individuality to all types of writing. A daily journal will serve as a place for experimenting with new writing techniques and strategies. By reaching out in new directions with fresh insights, we should come to face all writing assignment with more confidence and imagination.

Assignments will include essays, personal narratives, and a journal. We will write in class daily and will tackle frequent out-of-class assignments.

BIBLIOGRAPHY: Donald Hall, *Writing Well*; Donald Hall and D. L. Emblen, *A Writer's Reader*.

REQUIREMENT FILLED: General University Core Requirement

GRADING SYSTEM: A, B, C, D, E

MAXIMUM ENROLLMENT: 15

MEETING TIME AND PLACE: 1:00-3:00 p.m. daily, HA-212

P63003 English 303
THE RENAISSANCE IN ITALY
 (See off-campus listing)

P63004 English 305
DREAMS
 4 semester hours
 D. Seal

Much of our creative strength lies largely untapped, deep in our unconscious. We can pay \$60 an hour for psychoanalysis, but we can also tune in on free trips to our own nether regions—our dreams. We all dream, and yet paradoxically most of us sleep through our chances to learn from them. This interim we will explore ways to learn about dreams, to interpret dreams, and to make use of our dreams in our own art.

We will approach dreaming from many points of view. We will study the major modern texts that began to unlock the secrets of dreams: Freud's *Interpretation of Dreams* and Jung's and his colleagues' *Man and His Symbols*. We will also review contemporary scientific research, including studies by Hall, Kleitman, and Jones. And we will read a couple of popular and provoking books about dreams: Patricia Garfield's *Creative Dreaming* and Ann Faraday's *Dream Power*. Finally, we will explore some artistic renditions of dreams in poetry, painting, and music.

Students will be expected to keep a dream journal in which they record and interpret their dreams. Five dreams and their interpretations will be handed in. A small paper will be required at the end of the second week on some intellectual aspect of dreams. We will also work with drawing key dream images in crayon, and acting dreams out in skits. In addition, students will work on a final project concerning dreams. They may choose to write an analytical paper on some aspect of their dreams; or they may choose to compose and perform their own music to a dream; or choreograph a dance to a dream; or construct a dramatic encounter and stage the dream; or render it by means of the plastic and visual arts. This final project will be submitted to or performed in front of the entire class.

We will meet in the afternoons for lectures and discussions.
BIBLIOGRAPHY: Freud, *Interpretation of Dreams*; Jung, ed., *Man and His Symbols*; Garfield, *Creative Dreaming*; Faraday, *Dream Power*

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 25

MEETING TIME AND PLACE: 1:00-3:00 p.m. daily, HA-216

P69809 English / Religion 307
LIVING IN GOD'S SILENCE:
THE FILMS OF BERGMAN
 (See interdepartmental listing)

P63005 English 308
KALEIDOSCOPE OF BRITISH
FICTION
 4 semester hours
 R. Klopsch

This course will enable students to have a general overview of the range and types of British fiction. An examination of the forms and critical terms used in the study of the short story and novel will precede a brief history of fiction in Great Britain. After a short survey of critical evaluations of classic British fiction writers, such as Fielding, Dickens, Austen, Hardy, and Lawrence, individual reading programs will be arranged with each student dependent upon his or her interests and background. At the end of an intensive reading period, each student will give an oral report to the class and complete a paper to be graded by the instructor.

Each student will discuss his/her readings with the instructor in a tutorial setting, thus making it possible to compare his/her views with those of another. Students will be encouraged to discuss their readings with fellow students, and the final reports should give each student a contact with the views of many readers on many stimulating writings and a whetted palate for future readings in English Fiction.
BIBLIOGRAPHY: Dickens, *Bleak House*; novels and short story collections may be selected from the complete range of British fiction from the beginnings to the present from our library or others.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 25

MEETING TIME AND PLACE: 1:00-3:00 p.m. daily, HA-210

**P63006 English 310
MODERN POETRY AND THE
LANGUAGE OF THE PSALMS**

4 semester hours

R. Jones

Some of the most powerful and moving language of our culture has survived time and translation and come to us as The Book of Psalms. Our appreciation should begin with the language and context of the original (guest speakers will help us here), proceed with forgivable haste through history and translations, and focus at last on how our own poetry still echoes these most ancient and extraordinary songs.

We shall read **The Psalms** in the King James (or Revised Standard) Version, with selected readings in other translations for comparison. We shall then investigate their influence on the language and style of modern poetry, especially Walt Whitman and Allen Ginsberg. There will be occasional exercises, a paper or special project (to be determined in consultation with the instructor), and an oral recitation. A knowledge of Hebrew is not required.

BIBLIOGRAPHY: *The Old Testament*, King James Version (or Revised Standard Version); Walt Whitman, *The Complete Poems*; Allen Ginsberg, *Howl Kaddish*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 1:00-3:00 p.m. M, T, R, F, HA-214

**P63007 English 312
LETTER PRESS PRINTING WORKSHOP:
TRADITION AND CRAFT**

4 semester hours

K. Stafford

Workshop participants will explore the history and craft of letter press printing through reading, discussion, and sustained practice at the press. During the first three weeks of Interim students will set, design, and print texts of their own choice. During the fourth week short essays on some aspects of letter press tradition will be required.

January 5-23: Printing Workshop Monday through Friday; January 26-30: Individual projects.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: Lab fee of \$15.00 to cover cost of galleys, inks, papers, and other materials for composing, etc.

MAXIMUM ENROLLMENT: 15

MEETING TIME AND PLACE: 8:30 a.m. to 12:30 p.m. daily, Knorr House garage.

**P63008 English 314
SCIENCE FICTION: HUMAN FUTURES**

4 semester hours

R. Seeger

Science fiction is a new and popular literature. Many of its strongest advocates believe that it is the only literature capable of approaching the mind-breaking problems of life in a culture dominated by and obsessed with change.

Science Fiction: *Human Futures* is intended to introduce science fiction to the general reader. The course will begin with an exploration of the history and definitive characteristics of the genre, and will proceed by more-or-less open discussion of major novels and short stories which take as their central theme the extrapolation of possible human futures. In the process we will try to acquire a working definition of the genre, an understanding of its objectives, and a critical theory adequate to evaluate its literary and intellectual qualities.

Participants will read eight to ten major science fiction books, participate in class discussion, write two short papers due in the second and fourth weeks, and possibly view movies, videotapes, and the like. There may be a minimal charge for attendance at an on-campus showing of one or more science fiction movies.

BIBLIOGRAPHY: Brian Aldis, *The Billion-Year Spree*; T. A. Heppenheimer, *Colonies in Space*; Arthur C. Clark, *Childhood's End*; Aldous Huxley, *Brave New World*; Robert A. Heinlein, *Starship Troopers*; Ursula K. LeGuin, *The Left Hand of Darkness*; Stanislaw Lem, *Solaris*; Vonda N. McIntyre, *Dreamsnake*; Walter Miller, *A Canticle for Liebowitz*; E. E. "Doc" Smith, *The Skylark of Space*; Roger Zelazny, *Damnation Alley*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$10.00 fee for special materials and activities, possibly including movies, a day trip, and/or a speaker.

MAXIMUM ENROLLMENT: 40

MEETING TIME OR PLACE: 1:00-3:00 p.m. daily, HA-206

**P63009 English 442
AMERICAN REALISM AND
NATURALISM**

4 semester hours

D. M. Martin

In a recent American novel, when one character claims to have learned that "Facts are nasty," the main character, aptly named Moses, tells him that "You think they're true because they're nasty." Anyone who has ever been told to "Be realistic" knows what Moses knows: "real" means nasty, means ugly, means everything distasteful about life. It most certainly does not mean the whole of life, good with bad, ugly with beautiful. "Be realistic" too often means, "Give up your dream of a great, a beautiful, a good life" or "Accept the fact that the worst will probably happen (hasn't it usually so far?)." University students often hear, and are sometimes heard to say, that being at school is nothing like being "out in the real world," sometimes as though the very buildings of the campus were a transparent illusion; here what is "real" is presumed to be the world of business, the profit motive; anything else partakes of fantasy and dream. I mean in this course to ask how what is real came to mean those things, why the hero and the idealist are more often the object of pity and derision in our age than of admiration and respect. These will be the broad concerns. More specifically, we will read four of the masterworks of literary "realism" from the end of the last century as context for our discussion of these issues. We shall want to decide how the realists emerged from the haze of late romanticism and how they themselves became the impressionists. This nineteenth century realistic theory is largely responsible for the fascinating theory of Soviet Realism as practiced by the censors of the central literary committees. An important secondary consideration will be the changing image of the "real woman" as reflected in these novels. Aside from reading the novels, students will take two one-hour exams, one at the end of the second novel, and one at the end of the course, and they will prepare a brief (six to eight page) research paper on one of the topics dealt with in the course.

BIBLIOGRAPHY: F Norris, *The Octopus*; H. James, *The Portrait of a Lady*; K. Chopin, *The Awakening*; T. Dreiser, *Sister Carrie*
REQUIREMENT FILLED: General University Core Requirement
COURSE LEVEL: The course is designed for majors or advanced students

GRADING SYSTEM: A, B, C, D, E

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 10:00 a.m. to 12:00 noon daily, HA-212

HISTORY

**P63201 History 301
LANGUAGE AND WORKING PEOPLE**

4 semester hours

S. Conway

This course will investigate the relationship between language and working cultures. Can we speak of occupational cultures defined by distinctive life styles and, most importantly, by the language of those cultures? Or are we on safer ground in speaking of a mass culture in the 20th century?

We will begin our investigation of these questions with a brief examination of relevant historical and sociological literature. Students will then be asked to enter a working culture to examine and record its language both at work and at play. We will then return to the classroom to report our findings. This class will be ideal for the working student.

BIBLIOGRAPHY: Reading to include: Richard Hoggart, *The Uses of Literacy*; Studs Terkel, *Working*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

INSURANCE COVERAGE: Students are required to have the Students' Sickness and Accident Plan or evidence of similar coverage.

MAXIMUM ENROLLMENT: 15

MEETING TIME AND PLACE: First week 7:00-9:00 p.m. M, W, R and thereafter TBA. HA-208.

**P69801 Anthropology / History 311
HORIZONS SOUTH: A CULTURAL
TOUR OF MEXICO**

(See off-campus listing)

**P69802 Anthropology / History 313
CHINESE CULTURE, CALLIGRAPHY,
AND CUISINE**

(See interdepartmental listing)

**P69810 History / Music 317
NEW ORLEANS: ITS HISTORY,
ITS JAZZ**

(See off-campus listing)

**P63202 History 318
TO LIVE APPROPRIATELY**

4 semester hours

P. Nordquist

The Renaissance and Reformation were complex and dynamic movements that reached out for new ways of thinking, seeing, and living and also set about demolishing the static and finite categories of the Middle Ages. Those categories had worked for nearly a thousand years, but in the 15th and 16th centuries they seemed limiting and repressive.

The decompartmentalizing of the Middle Ages brought an enormous number of new compounds and mixtures. Some were stable and survived. Many did not.

By the end of the 16th century, however, many people were cynical about rival claims to truth and most were weary. They wanted to make their way through the rich variety of ideas and polemics to order. A number of remarkable thinkers took the lead and tried to incorporate the best insights of the Renaissance and Reformation into patterns of understanding that would allow people to get on with life. Montaigne said: "To compose our character is our duty, not to compose books, and to win not battles and provinces, but order and tranquility in our conduct. Our great and glorious masterpiece is to live appropriately."

"To live appropriately" captures the spirit of the age. This course will closely study a number of thinkers—Peter Ramus, Richard Hooker, Michel Montaigne, and William Shakespeare—who tried to teach their age "to live appropriately." It seems a lot like the task we face in the 1980's.

BIBLIOGRAPHY: Jean Bodin, *Method for an Easy Comprehension of History*; Richard Hooker, *Of the Laws of Ecclesiastical Polity*; Michel Montaigne, *Essays*; and a couple of plays by W. Shakespeare, perhaps *Hamlet* and *The Tempest*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 25

MEETING TIME AND PLACE: 1:00-3:00 p.m. daily, X-112

**P63203 History 319
AFRICAN HISTORY AND SOCIETY
THROUGH FILMS AND LITERATURE**

4 semester hours

C. Dumor

This course will examine the past and contemporary history of Africa through films and African literature in translation. The selected films are designed to focus attention on some of the significant aspects of African culture and history. This will include an examination of the impact of colonialism, the contemporary processes of change and development, and the resilience of African cultures today. The course will further examine the complexities of a post-colonial Africa through the writings of leading African historians and literary scholars.

Students will be required to participate in the discussion and analysis of the course films and novels, prepare a review essay on one or more of the films and novels, and successfully complete an overview exam at the end of the course.

BIBLIOGRAPHY: B. Davidson, *The African Genius: An Introduction to African Cultural and Social History*; C. Achebe, *Things Fall Apart*; F. Oyono, *House Boy*; C. Achebe, *A Man of the People*; O. Sembene, *God's Bits of Wood*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 35

MEETING TIME AND PLACE: 1:00-3:00 p.m. daily, HA-217



MATHE- MATICS AND COMPUTER SCIENCE

**P63601 Mathematics 308
FINANCIAL MATHEMATICS**
4 semester hours
P. Liebelt

The mathematics of finance is both relevant to the real world and very interesting. Most everyone will purchase a home, buy life insurance, and participate in a retirement fund. Many will seek a second income by placing savings into bonds, stocks, or other investments. A knowledge of the mathematics of finance is essential to understand the implications of these transactions.

Topics will include simple interest, ordinary interest, bank discount notes, bills, commercial paper, compound interest, sinking funds, insurance, and life annuities. At the end of the course the student will be able to compute his monthly house payment or find the actual interest rate of a loan from the Easy Credit Loan Company.

Two exams and two quizzes will test the student's ability to interpret a financial problem and make the necessary calculations. Daily assignments will be made and graded.

BIBLIOGRAPHY: Ciscell, Mathematics of Finance (5th edition)

REQUIREMENT FILLED: Interim

PREREQUISITE: High School Algebra

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 30

MEETING TIME AND PLACE: 9:00-11:30 a.m. daily, HA-206

**P63602 Mathematics 312
MATHEMATICAL PUZZLES AND
PARADOXES**
4 semester hours
J. Herzog

Mathematical puzzles and paradoxes provide an interesting way to introduce students to mathematical concepts. The simple mathematics underlying many puzzles, card tricks, apparent paradoxes, etc., will be studied. Many recreational mathematics books will be used as references. Types of puzzles studied will include those using (1) logic, (2) algebra, (3) geometry, (4) arithmetic, (5) probability. Students will devise mathematical puzzles of their own and submit reports on three recreational mathematics books. An exam consisting of puzzles to solve or explain will be given at the three-quarters point of the course. The almost infinite variety of puzzles available makes such a course appropriate for students of varying backgrounds. Students who have gone into teaching have commented on the applicability of puzzles in the classroom.

BIBLIOGRAPHY: Gardner, Mathematics, Magic and Mystery; The Scientific American Book of Mathematical Puzzles and Diversions; Mathematical Carnival; The Unexpected Hanging; New Mathematical Diversions from Scientific American; Schuh, The Master Book of Mathematical Recreations; Mott-Smith, Mathematical Puzzles; Loyd, Mathematical Puzzles of Sam Loyd; and many others.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 40

MEETING TIME AND PLACE: 9:30-11:30 a.m. daily, O-104

P69804 Chemistry / Mathematics 314
NEW HORIZONS IN SCIENTIFIC AND
MATHEMATICAL THOUGHT
(See interdepartmental listing)

P61401 Computer Science 139
January 5-16
BASIC I
1 semester hour
B. Dorner

Introduction to interactive computing, branching, looping, subscripts, and functions in the context of the BASIC language. (Students wishing proficiency in BASIC should also take Computer Science 140.) Meets for the first half of Interim: January 5 through January 16.
REQUIREMENT FILLED: General University Core Requirement
PREREQUISITE: High School Algebra
GRADING SYSTEM: A, B, C, D, E
MAXIMUM ENROLLMENT: 22
MEETING TIME AND PLACE: January 5-16, 8:00-8:45 a.m. and 1:00-1:45 p.m. daily, M-112

P61402 Computer Science 140
January 19-30
BASIC II
1 semester hour
B. Dorner

Continuation of Computer Science 139 including input/output, character variables, subroutines, and simple file techniques in BASIC.
Meets the second half of Interim: January 19 through January 30.
REQUIREMENT FILLED: General University Core Requirement
PREREQUISITE: Computer Science 139 or equivalent
GRADING SYSTEM: A, B, C, D, E
MAXIMUM ENROLLMENT: 22
MEETING TIME AND PLACE: January 19-30, 8:00-8:45 a.m. and 1:00-1:45 p.m. daily, M-112

P61403 Computer Science 316
COMPUTERS AND SOCIETY
4 semester hours
J. Brink

An understanding of the capabilities and limitations of computer information and processing systems is essential today as we find our careers and private lives greatly affected by these systems and by the rapidly changing conditions brought about by their implementation. The purpose of this course is to provide knowledge about the development of information processing, the use of the BASIC programming language, the ways in which computers are used, and the impact of computers on contemporary society.

Students will examine and review some of the uses of computers in a number of social environments such as government and law, health, education, science, engineering, and business. They will consider some of the possible positive and negative effects of computer usage on social organization and individuals. During the computer programming (BASIC) portion of the course, students will be required to design, run, and document computer programs which solve a variety of problems, some of which will involve elementary mathematics. They will complete a term project on a computer application (paper or program) and participate in class discussions. Students will be graded on the basis of class participation, term project, quizzes, and homework.

BIBLIOGRAPHY: J. Mack Adams and Douglas H. Haden, *Social Effects of Computers and Misuse*; Richard C. Dorf, *Computers and Man*; Dennie L. Van Tassel, *The Compleat Computer*.

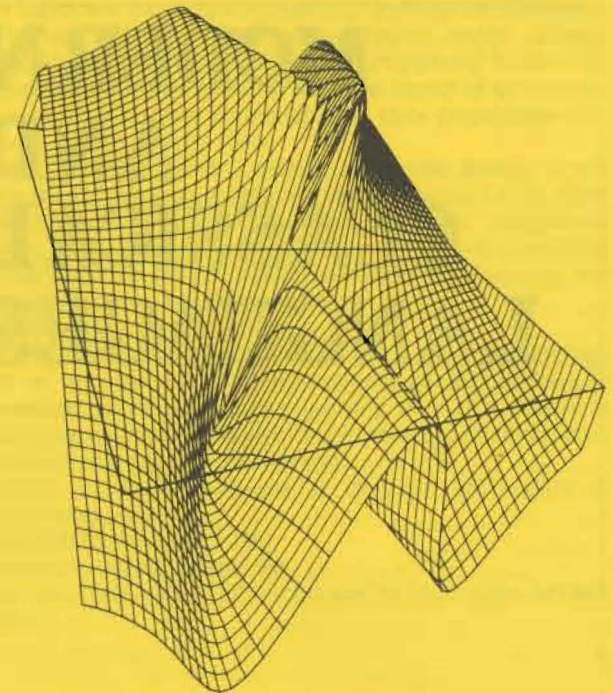
REQUIREMENT FILLED: Interim

RESTRICTION AND PREREQUISITES: High School Algebra required. **NOTE:** Computer Science 139-140 and this course cannot both count towards the total number of hours for graduation.

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 23

MEETING TIME AND PLACE: 9:00-11:45 a.m. daily, M-112



MODERN AND CLASSICAL LANGUAGES

**P63801 Modern and Classical
Languages 302
THE SILENT WORLD: AN EXPERIENCE
IN DEAF AWARENESS**
4 semester hours
J. DeSherlia

This course is designed to introduce students, particularly prospective teachers, social workers, and nurses, to the world of the hearing-impaired. Attention will be given to the particular needs and problems of deaf people.

The various methods of sign language used by deaf people in North America will be studied, and students will be taught to develop both expressive and receptive skills in communicating with deaf persons through visual means. Special attention will be given to a mastery of the structures and concepts of sign language that are relevant to the students' chosen professions.

Classroom procedures will include demonstration, lectures by the instructor, drills, recitals, tests, and classroom discussions.

BIBLIOGRAPHY: Lou Fant, *Sign Language*

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 30

MEETING TIME AND PLACE: 2:00-5:00 p.m. daily, HA-204

**P65401 Modern and Classical
Languages / Spanish 305
INTRODUCTION TO SPOKEN SPANISH
AND HISPANIC CULTURE**
4 semester hours
L. Sand Faye

This course will be an introduction to Spanish, the language of both Spain and the major portion of Latin America, as well as the first language of an ever-increasing minority of several million inhabitants of the United States. As implied in the title, no previous knowledge of Spanish is expected, as the course will begin with pronunciation drills, basic structure, and introductory conversational phrases. The language element of the course will be concentrated, with additional daily laboratory drill with Spanish language tapes.

Contemporary cultural materials of both Spain and Hispanic America will be included with films and slides for course enrichment. Some time will be devoted to the study of the growing Hispanic population in the United States and how the special needs of this group are being met within our educational facilities and society in general.

There will be opportunity for development of individual interests such as those of students going into the areas of nursing, elementary education (where both bilingual and English as a Second Language [ESL] programs are mushrooming), and social work—all areas where a "survival knowledge" of Spanish may very well be essential. Each student will be expected to develop and present a project or topic of study in keeping with his or her particular interests. This course will not lead into the second semester of elementary Spanish although, after consultation with the instructor, a highly motivated student might choose as a project enough additional concentration on the language itself to enable continuation with Spanish in the spring semester.

Evaluation will be by means of written tests, project and class participation, and other written assignments and laboratory work.

BIBLIOGRAPHY: Required: Jarvis, Lebrede, Mena, *Basic Spanish Grammar*, with its accompanying *Spanish for Communication Workbook*. Suggested: *Medical Personnel Workbook*; *Business and Finance Workbook*; *Law Enforcement Workbook*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: There will be a minor expense (\$5 to \$10) if the class chooses to prepare Spanish food or attend an off-campus Hispanic function.

MAXIMUM ENROLLMENT: 25

MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon daily, HA-216

P65201 Modern and Classical Languages / Scandinavian Studies

318

THE SAGAS

4 semester hours

J. Rasmussen

The Icelandic sagas are unique prose documents that provide a detailed and compelling picture of medieval society in the North. In a direct and vigorous style they convey the full drama of the Viking age. The powerful families of Iceland feud, inter-marry, and clash before the courts of law. The sagas introduce us to dynamic individuals who live under a demanding ethical code of personal honor and loyalty to kin. These stories of fate and revenge have proven their historical value and their enduring human interest.

We will consider a representative selection of the sagas available in modern English translation. The reading list will include *Laxdaela Saga*, *Njal's Saga*, *The Saga of Gisli*, and shorter pieces. The class will also be introduced to a saga passage in Old Norse. Course discussions will focus on the presentation of social roles in the saga literature and on the value system of medieval Scandinavian society. Attention will be paid to male-female characterization. Students are expected to present an oral report and to respond in writing to essay questions.

BIBLIOGRAPHY: *Laxdaela Saga*; *Njal's Saga*; *The Saga of Gisli*; plus one background text on medieval Scandinavia (to be selected).

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 25

MEETING TIME AND PLACE: 10:00 a.m. to 12:00 noon daily, HA-210

P63802 Modern and Classical Languages 319

THE SACRED AND THE SECULAR IN MEDIEVAL CULTURE

4 semester hours

D. Sudermann

We will explore in introductory fashion Christianity and culture in the Middle Ages. Presentations on Gothic art and architecture, Gregorian chant and the Roman liturgy, the Bible and learning, feudal society, and monastic life will provide the background for reading and discussion. We will also pursue certain themes such as the spiritual dimensions of time and nature, history and eschatology, violence in the heroic and romantic modes, the similarity of mystic and erotic experience, an ascetic denial versus carnal indulgence. These themes permit reflection on the contradictions, anomalies,

and excesses of behavior in medieval times, but will also aid in describing the spiritual context for such behavior. We will read liturgical and courtly poetry, the *Rule of St. Benedict*, *Beowulf*, *Hildebrandslied*, *Tristan*, *Chanson de Roland*, *Canterbury Tales*, and R. W. Southern's *The Making of the Middle Ages*. Skills in French, German, or Latin would be helpful but are not mandatory. In addition to readings and class discussion, a final examination will be required.

REQUIREMENT FILLED: Interim

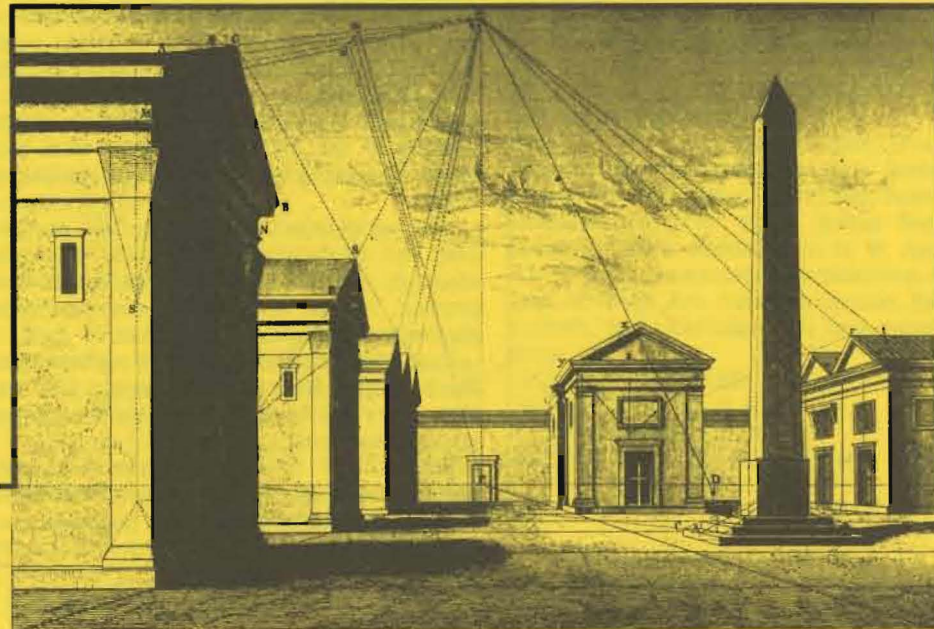
RESTRICTIONS OR PREREQUISITES: Prior coursework in literature, history, or religion, or consent of instructor. Tally cards required—see instructor.

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$5.00 per student (for monastery model to be constructed by students, and for medieval meal).

MAXIMUM ENROLLMENT: 15

MEETING TIME AND PLACE: 7:30-9:30 p.m., HA-212



MUSIC

P65601 Music 303 INTRODUCTION TO PIANO 4 semester hours G. Gilbertson

Piano and music study for two levels of beginners: those with no previous experience in music and those who have had the equivalent of music fundamentals or some previous music lessons and who wish to increase their previously-gained knowledge and skill.

The student should plan to spend one-and-one-half hours daily in full class attendance, two hours per day in individual practice, and two one-hour sessions per week in sectional lab performance. Additional time will be provided for individual help. Each student is to keep a notebook-record of information collected, of music listened to, and an evaluative response.

The daily, full-class meetings are to acquaint the student with the characteristics of the periods of music represented in present-day concert repertoire. To accomplish this, the student will acquire pertinent information concerning the music, will listen to typical music both recorded and live (live performances may amount to as many as 18 different works during the month). Attention will be given to artistic expression with even a limited technique; to historical matters; to social, economic, and political factors; and to acoustics of the piano.

In addition to the emphasis on keyboard music (organ, harpsichord works included), attention will be given to the analysis of the artistic and interpretive factors of certain standard concert works of musical media other than piano works.

The overall objective of the course is to develop understanding and appreciation of a significant segment of musical endeavor, with the added enhancement of the student's own physical, mental, and emotive endeavor in confronting the elusive truth of artistic expression.

Evaluation is based one-half on performance, one-fourth on the notebook, and one-fourth on the final written examination. There will be opportunity for the student to engage in special projects.

BIBLIOGRAPHY: Starr, **Basic Piano Technique** (for all beginners; others will provide their own with approval of instructor); Cooper, **Learning to Listen** (optional).

REQUIREMENT FILLED: Interim
RESTRICTIONS OR PREREQUISITES: Students must have access to a piano. Students would find it difficult to take skiing in addition to this course.

GRADING SYSTEM: A, B, C, D, E

COST IN ADDITION TO TUITION: Cost of music used; one optional text.

MAXIMUM ENROLLMENT: 75

MEETING TIME AND PLACE: 10:30 a.m. to 12:00 noon daily, E-227; and 1:30-3:30 p.m. daily, E-122

P69807 Communication Arts / Music 309

A CULTURAL EXPERIENCE IN THE ARTS IN NEW YORK CITY

(See off-campus listing)

P69810 History / Music 317 NEW ORLEANS: ITS HISTORY, ITS JAZZ

(See off-campus listing)

P65603 Music 318
INTENSIVE STUDY AND PERFOR-
MANCE OF CHORAL/ORCHESTRAL
LITERATURE
 4 semester hours
 M. Skones

Intensive study and performance of Choral and Choral/Orchestral Literature of major composers. Members of the Choir of the West and a select chamber orchestra will spend the first ten days of the Interim preparing significant literature for performance. The daily schedule will include alternating section and full rehearsals for each group (choir and orchestra) from 9:00 a.m. until 6:00 p.m. At the conclusions of the intensive study period the entire entourage will depart by air for an extended concert tour of the United States, featuring concerts in John Hancock Hall, Boston; Carnegie Hall, New York; John F. Kennedy Center for the Performing Arts, Washington D.C.; Dorothy Chandler Pavillion, Los Angeles; Grady Gammage Memorial Auditorium, Phoenix; and other large concert halls.

REQUIREMENT FILLED: Interim

RESTRICTIONS: Tally cards required—see instructor. Open to members of the Choir of the West and selected Chamber Orchestra only.

COURSE LEVEL: The course is designed for majors or advanced students—see restrictions, above.

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$475.00

INSURANCE COVERAGE: Students are required to have the Students' Sickness and Accident Plan or evidence of similar coverage.

MAXIMUM ENROLLMENT: 70

MEETING TIME AND PLACE: 9:00 a.m. to 6:00 p.m. daily, E-228

P65604 Music 319
INTENSIVE STUDY AND PERFOR-
MANCE OF CHORAL LITERATURE
 4 semester hours
 E. Harmic

Intensive study and performance of choral literature of Bach, Mendelssohn, Monteverdi, Ravel, and others. Open to students who are members of the University Choral, Fall Semester 1980, and to selected instrumentalists. The group will spend approximately the first two weeks of the Interim from 9:00 a.m. to 6:00 p.m. in preparation of representative choral works from several historical stylistic eras. This study will culminate in multiple performances of these works during the last half of the Interim in churches and schools in Washington, Oregon, and California.

REQUIREMENT FILLED: Interim

RESTRICTIONS: Tally cards required—see instructor. Open to members of the Fall Semester 1980 University Choral, and to selected instrumentalists.

COURSE LEVEL: The course is designed for majors or advanced students.

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$100

INSURANCE COVERAGE: Students are required to have the Students' Sickness and Accident Plan or evidence of similar coverage.

MEETING TIME AND PLACE: 9:00 a.m. to 6:00 p.m. daily, X-201.



NURSING

P66401 Nursing 300
NUTRITION FOR THE 80'S
 4 semester hours
 E. Bradford, C. Carper
 P66402 Lab A
 P66403 Lab B
 P66404 Lab C

The purpose of this course is to develop a healthy, holistic approach to meeting nutritional requirements for physical and mental health. We will explore new (and old) horizons in food and nutrition. We will learn to plan and prepare foods for various life styles—the student, the single, the “on-the-go,” the stressed, the frugal or financially pressed, the vegetarian, the backpacker, the “storer,” the family, the weight gainer and the weight loser. We will grind grain; bake bread; dehydrate fruits and vegetables; prepare backpacking foods; make tofu, yogurt, and cheese; and serve our concoctions to ourselves and to others at Interim Faire.

Students will be expected to participate in scheduled classes and laboratories, to plan and evaluate menus for several life styles, and to participate in Interim Faire on January 28.

BIBLIOGRAPHY: Nutrition Search Inc., *Nutrition Almanac*; Sue Williams, *Nutrition & Diet Therapy*; Margaret Dean, *The Complete Gourmet Nutrition Cookbook*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$20.00 for food to prepare.

MAXIMUM ENROLLMENT: 30 (10 per Lab section)

MEETING TIME AND PLACE: Lecture 1:00-3:00 p.m. M R, IN-100. Lab A 8:00 a.m. to 12:00 noon W F; Lab B 8:00 a.m. to 12:00 noon M, and 12:00 noon to 4:00 p.m. T; Lab C 8:00 a.m. to 12:00 noon T, and 12:00 noon to 4:00 p.m. W; in Columbia Center.

P66405 Nursing 311
SURGICAL INTERVENTION
 4 semester hours
 F. Gough
 P66406 Lab A
 P66407 Lab B

The nursing care required for patients undergoing surgical intervention will be the focus of this patient-centered study. This course should help the student to develop knowledge of aseptic technique and goals of surgical care as they relate to the patient in surgery. The student will gain an understanding of his/her role as a member of the operating room health team. Opportunity to apply aseptic technique will be given.

Students will spend three hours in class before their clinical experience. They will spend approximately 20 hours per week in the operating room with selected experiences in “scrubbing,” “circulating,” and post-anesthesia recovery unit.

Students will be evaluated by written work and clinical performance.

BIBLIOGRAPHY: George LeMatre and Janet Finnegan, *The Patient in Surgery*; Joan Luckmann and Karen Creason Sorenson, *Medical-Surgical Nursing*.

REQUIREMENT FILLED: Interim

PREREQUISITES: Students must have completed Nursing: Level IV.

COURSE LEVEL: The course is designed for majors or advanced students.

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: Transportation and meals.

MAXIMUM ENROLLMENT: 9

MEETING TIME AND PLACE: Jan. 5 only 1:00-8:00 p.m., IN-111D; thereafter: Lab A 7:00 a.m. to 3:00 p.m., M T & rotating W; Lab B rotating W, R F.

PHILOSOPHY

P66601 Philosophy 201 PHILOSOPHICAL ISSUES: PHILOSOPHY AND RELIGIOUS SECTS

4 semester hours
G. Myrbo

An analysis of standard philosophical issues in the context of the positions adopted by several modern religious sects. Topics discussed will include what can rightfully be claimed to be known and on what grounds, what types of behavior can be thought to be morally correct or even obligatory—and what social arrangement is best possible. The religious beliefs discussed will range from spiritualism to scientology, from the confessions of the Children of God to Satanism.

The course will include off-campus visits to sect communes or "churches." It will also include guest lectures by sect leaders.

There will be two tests and two short papers. Students will be expected to participate in class discussions.

BIBLIOGRAPHY: Alston, *Religious Belief and Philosophical Thought*; Cohen, *The New Believers*; Ellwood, *Religious and Spiritual Groups in Modern America*.

REQUIREMENT FILLED: General University Core Requirement

GRADING SYSTEM: A, B, C, D, E

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 9:00-11:00 a.m. daily, Harstad 109

P66602 Philosophy 303 THE ANATOMY OF LOVE

4 semester hours
G. Arbaugh, Guest Faculty

Nothing so fascinates, ennobles, and enslaves humans as love. It is romanticized in story and song, heralded as the nature of God, the essence of morality, and the solution to the world's ills . . . and . . . despised as useless sentiment or even corruptive passion. It assumes the most diverse forms—parental, brotherly, sexual, friendly, romantic, godly, gratuitous, grasping, erotic, neurotic, and healthy. Of all human preoccupations it is unique in its power to inspire to life—and sometimes death.

The mystery of love has attracted the attention of thinkers from Plato to Freud, Augustine to Luther, Kierkegaard to Eric Fromm. On its enormous power and importance there is general consensus; on its character, roots, and worth there remain the most profound disagreements. This course will provide an opportunity for the student to explore some of the most penetrating insights into love by biologists, saints, romantics, poets, psychologists, and philosophers; to reflect on the spectrum of its works and manifestations; and to better come to grips with its significance for his or her own life. We will have guest faculty from such areas as the natural and social sciences, humanities, art, and music.

Students will be responsible for reading a variety of essays and short selections, participating regularly in class discussions and preparing and perhaps presenting to the class a paper or project on one type or aspect of love. Class sessions will be varied, including lectures, guest presentations, films, student reports, and regular discussion of materials.

BIBLIOGRAPHY: C. S. Lewis, *The Four Loves*; Erich Fromm, *The Art of Loving*; Sigmund Freud, *Civilization and Its Discontents*; F. Scott Fitzgerald, *The Great Gatsby*; short selections provided by the instructor.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$10.00 fee to cover cost of films and materials.

MAXIMUM ENROLLMENT: 45

MEETING TIME AND PLACE: 9:30 a.m. to 12:00 noon MTRF, IN-122.

**P66603 Philosophy 385
HEALTH CARE ETHICS III:
INFANTS AND CHILDREN**

1 semester hour
P. Menzel

The course will address some of the intriguing and ex-cruciating moral issues that arise in the medical treatment of infants and children. For the young, questions about the consent of the patient and the value of life arise which are quite different from those that arise for adults. Whether to let die an infant born with serious genetic and health defects will be a major focus of the class. Other topics will include fetal experimentation, the consent requirement in clinical research on children, the priority of research on the young versus adults, physicians' and nurses' roles regarding child abuse, and abortions for minors.

The course continues the series of Philosophy 385 one-hour units begun in the fall semester. Many students will have had the previous units, but others without them are perfectly welcome in the course. New students will be asked to read a few key and brief selections from the previous units.

Audits and pass/fail options are welcome; auditors will be excused from the one short paper expected of other students but, as with all others, they will be expected to participate in discussion.

BIBLIOGRAPHY: LeRoy Walters and Tom Beauchamp eds., *Contemporary Issues in Bioethics*; Selections; miscellaneous journal articles.

REQUIREMENT FILLED: 1 semester hour elective

GRADING SYSTEM: A, B, C, D, E

COST IN ADDITION TO TUITION: \$3.00 for films.

MAXIMUM ENROLLMENT: 30

MEETING TIME AND PLACE: 6:00-7:50 p.m. M W, IN-116 (first meeting Jan. 7)

PHYSICAL EDUCATION

ACTIVITY COURSES

The following specifications apply to activity courses offered during the Interim (courses numbered from 100 to 245):

1. Each course carries 1 semester hour of credit.
2. Satisfactory completion of each course will satisfy one-fourth of the core requirement in physical education.
3. One semester hour in physical education may be taken during the Interim in addition to a student's primary course.
4. Students must have approval from the instructor of their primary course before they can complete one semester hour in physical education during the Interim period.
5. Students may be released from a physical education course to participate in activities associated with their primary course. However, such excused absences must not total more than four class meetings. Students accumulating more than four excused absences will not receive credit for the physical education course.

**P66801 Physical Education 100
PERSONALIZED FITNESS
PROGRAMS**

1 semester hour
C. Auping

COST IN ADDITION TO TUITION: \$5.00

MAXIMUM ENROLLMENT: 40

MEETING TIME AND PLACE: 11:00 a.m. to 12:15 p.m.,
Memorial Gym

**P66802 Physical Education 202
INTERMEDIATE AND ADVANCED
GOLF**

1 semester hour
R. Carlson

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 1:00-3:00 p.m. M W F, OA-FH

**P66803 Physical Education 204
BOWLING**

1 semester hour
R. Carlson

COST IN ADDITION TO TUITION: \$17.50

MAXIMUM ENROLLMENT: 24

MEETING TIME AND PLACE: 8:00-9:15 a.m. daily,
University Center

**P66804 Physical Education 208
SKIING**

1 semester hour
C. Phillips

COST IN ADDITION TO TUITION: \$55.00 course fee plus
lift fees. Students provide own equipment.

MAXIMUM ENROLLMENT: 150

MEETING TIME AND PLACE: Lectures: 7:30 p.m., M
(Jan. 5, 12, 19, 26), HA-101. Six slope sessions: January
6, 8, 13, 15, 20, 22, 12:30-10:00 p.m.

**P66805 Physical Education 210
SLIMNASTICS**

1 semester hour
K. Hemion

MAXIMUM ENROLLMENT: 50
MEETING TIME AND PLACE: 1:00-2:15 p.m. daily, OA-Balcony

**P66806 Physical Education 225
CO-ED VOLLEYBALL**

1 semester hour
K. Hemion

MAXIMUM ENROLLMENT: 50
MEETING TIME AND PLACE: 7:30-8:45 a.m. daily, OA-Gym

**P66807 Physical Education 237
SKIN AND SCUBA DIVING**

1 semester hour
J. Johnson

COST IN ADDITION TO TUITION: \$35.00 fee — optional for NASDS certification.
MAXIMUM ENROLLMENT: 20
MEETING TIME AND PLACE: Lectures: 8:00-10:00 p.m. W, O-104. Pool sessions: 8:00-10:30 p.m. R, Pool.

**P66808 Physical Education 245
SQUARE DANCING**

1 semester hour
H. Adams

Students are urged to register for this course by couples.
MAXIMUM REGISTRATION: 24
MEETING TIME AND PLACE: 8:30-10:00 a.m. daily, OA-Dance Studio

**P66809 Physical Education 292
FIRST AID**

2 semester hours
E. Anderson

The purpose of this course is to instruct the student in emergency first aid procedures and to test in those procedures so that the student may be prepared to prevent death and disability when rendering emergency first aid. This course meets the requirements for the American Red Cross Standard First-Aid and Personal Safety card, the Washington Heart Association CPR card, and the American Red Cross CPR card. There will be lectures, and practice sessions to develop the necessary skills. Testing will be both practical and written.
BIBLIOGRAPHY: Hafen and Karren, *First Aid and Emergency Care Workbook*; American Red Cross, *Standard First Aid and Personal Safety*.
REQUIREMENT FILLED: Major requirement and Red Cross Certification.
GRADING SYSTEM: A, B, C, D, E.
COST IN ADDITION TO TUITION: \$4.00 Lab fee.
MAXIMUM ENROLLMENT: 25
MEETING TIME AND PLACE: 1:00-2:30 p.m. daily, OA-105

**P66810 Physical Education 303
LEADERSHIP FOR OUTDOOR
MINISTRIES**

(See off-campus listing)

**P66811 Physical Education 304
PSYCHOLOGICAL AND SOCIAL
PARAMETERS OF SPORT**

2 semester hours
C. Hacker

The mind is the last frontier of sport performance research. For that reason, this course will attempt to convey what is known today, what is currently being studied, and what needs to be studied in the future within the realm of sport performance. Some topics for discussion include: dynamics of personality in sport, competition, aggression, motivation, team cohesion, attribution, and socialization. This is a course in current, up-to-date analysis of the emerging science of sport psychology. Evaluation will be done on a contract basis including class discussion, participation in laboratory experiments, and a written comprehensive review of literature in student-selected topics.

BIBLIOGRAPHY: R. Martens, *Social Psychology and Physical Activity*; W. Straub, ed., *Sport Psychology*; selected periodicals and books.

REQUIREMENT FILLED: 2 hours of Interim; will fulfill coaching minor and physical education requirements.

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 1:00-3:00 p.m., T W R, OA-102A

**P69806 Communication Arts /
Physical Education 305
BOND ISSUES, BALL GAMES, AND
P. T. BARNUM**

(See interdepartmental listing)

**P66812 Physical Education 306
POSITIVE HEALTH PROGRAMMING
AND THE WELLNESS REVOLUTION**

4 semester hours
G. Chase

This course should appeal to anyone concerned with "staying well" as an alternative to the illnesses induced primarily by lifestyle. The course will deal with self-responsibility as a positive approach to optimal health. Various models of intervention will be discussed. Specific approaches will include proper nutrition, weight management, individually-tailored exercise, stress reduction techniques, and smoking abatement.

For final evaluation, each student will submit a paper on one of the following topics: 1) Positive Health Programming in Our Schools, 2) Adult Community "Wellness" Programming, 3) Coronary Risk Factor Intervention, 4) The Role of Properly-Prescribed Physical Activity in Preventive Health Programming.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$8.00—covers cost of all program materials, primarily youth and adult programming packets (booklets, brochures, etc.).

MEETING TIME AND PLACE: 9:00 a.m. to 12:00 noon daily, OA-105.

**P66813 Physical Education 308
SPORTS MOTIVATION**

2 semester hours
F. Westering

Sports motivation is a stimulating and interesting course specifically designed for today's athletic coach or anyone involved in athletics. Sports Motivation is based on many new developments in psychology and athletics. Many winning ideas and techniques are presented on motivating individuals and teams, assessing strengths and weaknesses of individual players and teams, as well as methods of knowing and better understanding the attitudes and behavior of today's athlete. Sports Motivation is the key to assisting the athlete to strive for his or her maximum potential. The class members will be involved in group discussions and role playing situations with each motivational style (fear, incentive, attitude, and combinations of each). Students then have the opportunity to do reaction papers on the various motivational types that are on reserve in the library or on the seven films that are shown in class. The students write a final self-evaluation paper on their new insights, understanding and application of motivational styles, possible conflicts within these styles, and how they can apply them to their lives.

BIBLIOGRAPHY: Tutko, *Sports Psyching*

REQUIREMENT FILLED: 2 hours of Interim; Physical Education major.

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: Small charge on handout material.

MAXIMUM ENROLLMENT: 30

MEETING TIME AND PLACE: 9:00-10:30 a.m. daily, OA-103; plus 3 nights to be announced.

**P66814 Physical Education 310
MOVEMENT WORKSHOP**

4 semester hours
M. McGill

This modern dance workshop is designed to provide daily movement opportunities in the areas of dance technique, improvisation, and choreography. Dance philosophies will be shared and explored. Cultural experiences will be broadened by attending off-campus dance concerts, lectures, and classes. Students will be required to write a daily journal and keep notes on readings and lectures; will be evaluated on technical progress, composition work, and writings; and will have an opportunity to perform dance compositions in an informal setting at the close of Interim.

BIBLIOGRAPHY: Doris Humphrey, *The Art of Making Dances*; Rollo May, *The Courage to Create*.

REQUIREMENT FILLED: Interim; will fulfill dance minor and physical education requirements.

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: The additional fee for concert attendance will be optional and must be announced in the course.

MAXIMUM ENROLLMENT: 28

MEETING TIME AND PLACE: 9:00-11:00 a.m. and 1:00-2:30 p.m. daily, Memorial Gym.

**P67001 Health Education 311
FAMILY CENTERED CHILDBIRTH**

4 semester hours

P. Hoseth

It is strange that there have been no provisions made to prepare young men and women for parenthood during the required years of formal schooling. The educational system prepares its products well for the demands and responsibilities of citizenship, for the scientific, intellectual, and commercial worlds. It prepares them somewhat for marriage and family life, but not for pregnancy, labor, and delivery. For both men and women an important part of preparation for adult life is neglected. This course is offered in an attempt to fill the gap.

The course will consider the following areas: (1) anatomy and physiology of reproduction, pregnancy, labor, and delivery; (2) prepared childbirth using Lamaze techniques; (3) emotional changes during pregnancy; (4) anesthesia; (5) postpartum; (6) breast feeding; (7) midwifery; (8) family planning; and (9) infant care.

Course expectations include: attendance, participation in class discussions, and reading from textbooks. Additional course requirements will include the following projects: (1) research current articles within three different areas of study, (2) consumerism project, and (3) final research paper or a report of observations from visiting two childbirth education classes in the community.

BIBLIOGRAPHY: Tacoma CEA, *Toward a Better Beginning*; Donna and Rodger Ewy, *Preparation for Breastfeeding*; Tracy Hotchner, *Pregnancy and Childbirth: The Complete Guide for a New Life*; Sheila Kitzinger, *Giving Birth: The Parents' Emotions in Childbirth*.

REQUIREMENT FILLED: Interim

RESTRICTIONS: Since the course is primarily designed for non-professionals studying in medical or related areas, upper-division nursing students should contact the Instructor before registering for the course.

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 30

MEETING TIME AND PLACE: 10:00 a.m. to 12:00 noon daily, OA-102

**P69808 Education / Physical Education
312**

HYPERACTIVE CHILDREN

(See interdepartmental listing)

P66815 Physical Education 313

**DRUGS, ERGOGENIC AIDS, AND THE
ATHLETE**

2 semester hours

G. Nicholson

Various foods, drugs, and theories of training have been introduced to athletes for the purpose of improving athletic

performance and / or assisting in weight gain or loss. Coaches and athletes should be aware of the authenticity of the various claims and be able to determine the possible harmful effect of such ingesta. Lectures, films, and outside speakers will consider food supplements, nutritional requirements, pre-event nutrition, weight control, use of water, drugs, oxygen, sugar, blood doping, and other ergogenic aids. Students will do a presentation.

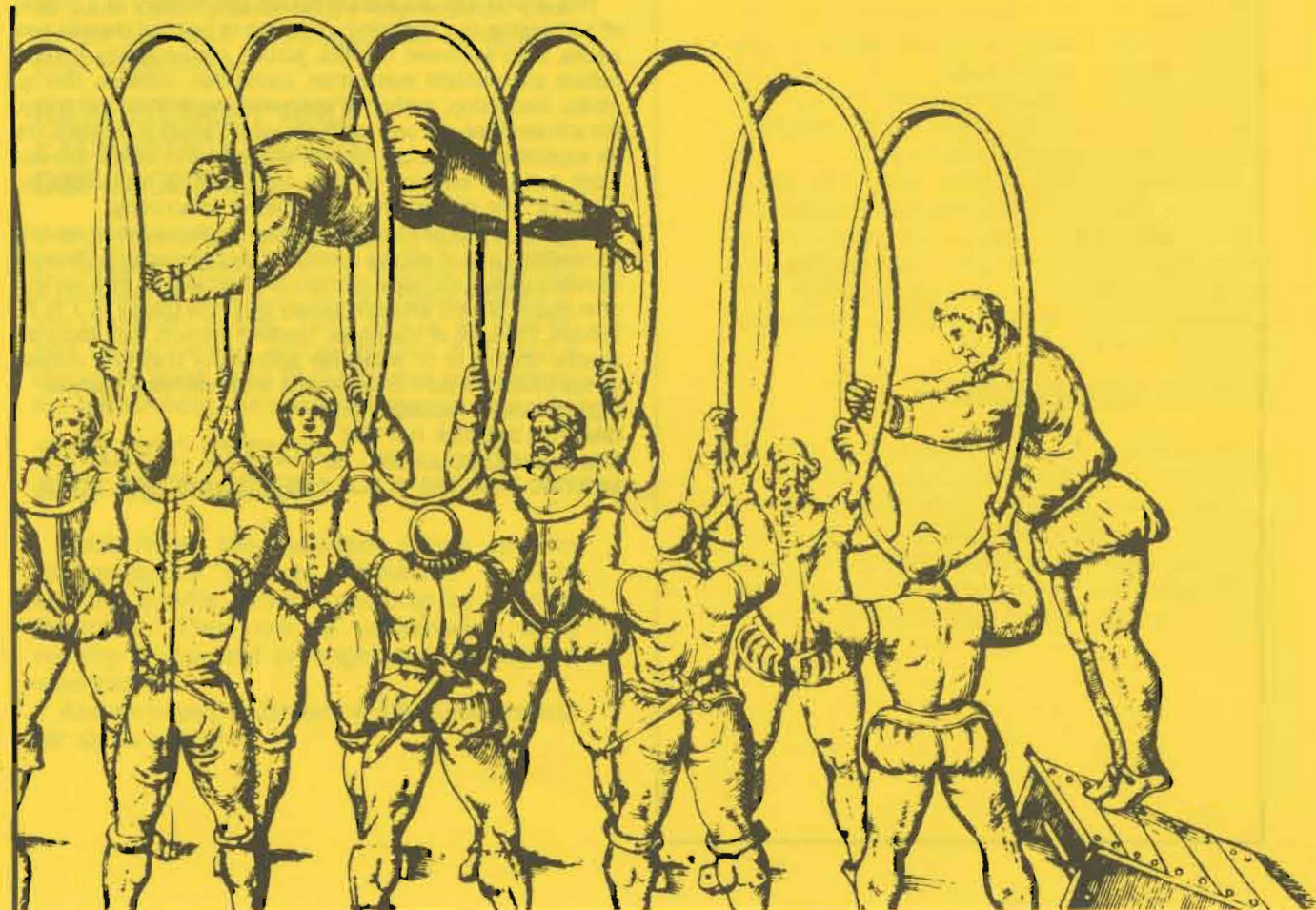
BIBLIOGRAPHY: Selected reading from articles.

REQUIREMENT FILLED: 2 hours of Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 30

MEETING TIME AND PLACE: 1:00-2:30 p.m. daily, OA-103



POLITICAL SCIENCE

P67601 Political Science 302 POLITICAL SCIENCE FICTION AND FANTASY

4 semester hours
W. Spencer

Science fiction and fantasy have become widely recognized and accepted as literary genres particularly adaptable to the study of more traditional academic topics and themes. The "willing suspension of disbelief" is not incompatible with recognition, analysis, and criticism. In many works, they are mutually reinforcing in that the reader must confront similar issues, conditions, problems, and patterns of behavior in the context of unfamiliar settings. The freshness of perspective may facilitate the examination or re-examination of values and understanding.

This course will use science fiction and fantasy as a means of addressing and exploring a number of political themes and issues, such as power, conflict, justice, responsibility, human nature and political motivation, corruption, violence, liberty, ethics, leadership, authority, and social conditions and policy. We will examine not only works in which political matters are an explicit and principal theme, but works in which the implicit political content is such that political assumptions, behavior, and consequences are subject to scrutiny.

The course will be strongly oriented to discussion of assigned readings and of papers developed by the students. Assigned readings will include a number of short stories by a variety of authors. We will also extensively treat the trilogy by J. R. R. Tolkien, *The Lord of the Rings*. Student projects may focus on specific themes or on particular authors, or they may consist of the student's own creation and accompanying analysis.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 25

MEETING TIME AND PLACE: 9:00-11:00 a.m. daily, X-112

P67602 Political Science 312 (Legal Studies Program)

THE ROLE OF COURTS IN THEORY AND PRACTICE

4 semester hours
C. Marsh

The overall aim of this course design is to provide students with a working knowledge of the major structures and basic legal concepts that underlie civil and criminal courts.

The course is designed to provide a theoretical and practical analysis of the role of state and federal courts in the judiciary. The course provides an analysis of the structure and function of the court system with emphasis on the roles of prosecutors, defense attorneys, judges, witnesses, court administrators and the public in general. Issues confronting courts today will be analyzed and synthesized from historical, philosophical, sociological and psychological perspectives.

Students will observe civil and criminal proceedings in state and federal courts, and will prepare observation and evaluation reports.

BIBLIOGRAPHY: Federal Rules of Civil Procedure, Federal Rules of Criminal Procedure, Washington State Rules of Civil Procedure, Washington State Rules of Criminal Procedure.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: Students will be responsible for their own transportation to court.

MAXIMUM ENROLLMENT: 25

MEETING TIME AND PLACE: 10:00 a.m. to 1:00 p.m. daily, H-101

PSYCHOLOGY

**P67801 Psychology 309
PSYCHOLOGY AND THE LAW**
4 semester hours
H. Marra

Anyone preparing for a career as a professional mental health worker, whether it be in the area of therapy, research, individual assessment, or program evaluation, has an increasing need to become familiar with the interface of psychology and the legal system. Our society is becoming increasingly litigious and the professions, including mental health, can no longer hide under a veil of "professional confidentiality" or special privilege. In addition, psychology graduates and other professionals are looking toward alternative career routes, and the area of forensic psychology is burgeoning. This course attempts to cover basic issues in Psychology and the Law to give the student exposure to the most recent rulings as they relate to the mental health system.

Topics to be discussed under the area of forensic psychology include, for example, the psychologist as an expert witness, privileged communication, commitment and hospitalization, guardianship determination, and assessment of competence. Other areas will include aggression and violence, foundations of police work, correctional psychology, psychological aspects of delinquent and criminal behavior, and the psychology of the victim. Several field trips will be scheduled during the course to acquaint students with agencies currently working with these issues. In order to cover the different areas which fall under the course heading, the class will include lecture presentations for half of each class period, with student contributions and class problem-solving projects comprising the second half of each class meeting. Students will be evaluated both by the quality of their special project and by a final examination.

BIBLIOGRAPHY: Text to be selected from the following: Walter E. Barton and Charlotte J. Sandborn, eds., *Law and the Mental Health Professions: Frictions at the Interface*; or John Monahan, *Community Mental Health in the Criminal Justice System*.

REQUIREMENT FILLED: Interim

RESTRICTIONS: Junior, Senior, or Graduate standing.

COURSE LEVEL: The course is designed for majors or advanced students.

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 30

MEETING TIME AND PLACE: 6:30-9:30 p.m., T W R, HA-219

**P67802 Psychology 315
ENVIRONMENTAL PSYCHOLOGY**
4 semester hours
C. Hansvick

This course examines the psychological nature of the relationship between people and their physical surrounding. Humans have had permanent effects upon their physical environments, as evidenced by the present need for energy conservation. However, they are also becoming increasingly aware that they are affected by their settings and must adapt when it is impractical to change the physical environment. It is this aspect of the man-environment relationship which is the concern of environmental psychologists. We will explore questions such as how people who live in regions prone to earthquakes, tornadoes, or floods justify the risks involved. Or, what makes one large city exciting while another is just crowded and confusing? The physical settings to be studied include cities, wildernesses, transportation facilities (e.g., airports and buses), businesses and institutions (e.g., prisons and hospitals), bars and restaurants, homes and interior designs. Special emphasis will be placed on human territorial behaviors within these settings.

Students will be expected to read text materials and relate these materials to their personal experiences. Planned class exercises range from studying nonverbal behaviors on campus to field trips (including visits to an office building and a hospital). These exercises will help train the student to become more aware of the man-environment interaction and will be the basis for a written diary which the student will be required to hand in for evaluation.

BIBLIOGRAPHY: N. W. Heimstra and L. H. McFarling, *Environmental Psychology*; R. Sommer, *Tight Spaces: Hard Architecture and How to Humanize It*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: May be additional transportation costs of bus fare downtown and car pooling to sites off-campus (maximum expenses expected: \$10.00).

MAXIMUM ENROLLMENT: 25

MEETING TIME AND PLACE: 10:00 a.m. to 12:00 noon daily, Tingliestad Classroom.

**P67803 Psychology 318
INVOLVEMENT IN A THERAPEUTIC
COMMUNITY**

4 semester hours
E. Severtson

Through first-hand experiences at Western State Hospital, the student can gain a deepening knowledge of the kinds of patients and methods of treatment used at this facility and have an opportunity to associate with professionals from the various mental health disciplines.

The implementation involves students working in small groups in a variety of units at Western State Hospital. The student works directly with patients, attends staff conferences, consults with staff at Western State Hospital, and consults with the PLU faculty. Collateral reading is required. In addition, each student keeps a "log" of his/her experiences and reflections on same.

BIBLIOGRAPHY: C. Beers, *A Mind that Found Itself*; M. M. Berger, *Working with People Called Patients*; W. Glasser, *Reality Therapy*; H. Green, *I Never Promised You a Rose Garden*; and K. Kesey, *One Flew Over the Cuckoo's Nest*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: None. Students must provide own transportation to Western State Hospital—car pools are suggested.

MAXIMUM ENROLLMENT: 25

MEETING TIME AND PLACE: 2:00-4:00 p.m., January 5, A-208; after first day, class meets every day for four hours at Western State Hospital.

RELIGION

**P69809 English / Religion 307
LIVING IN GOD'S SILENCE:
THE FILMS OF BERGMAN**
(See interdepartmental listing)

**P69805 Chemistry / Religion 315
ON BECOMING HUMAN**
(See off-campus listing)

**P68001 Religion 318
HOLINESS AND HEALING:
HEALTH FOR THE 80'S?**
4 semester hours
S. Govig

The "me" generation of the 70's has produced a keen interest in personal health. Jogging and dieting are now commonplace, and millions of dollars are spent annually to preserve health and long life.

In church circles, particularly among Roman Catholics and Pentecostals of the charismatic movement, a renewed interest in "faith healing" is evident. "Holistic medicine" for some stresses prayer and may involve a moral issue of personal responsibility for health.

This course will attempt to provide a theological foundation, based on an investigation of historical and scientific sources, for a Christian approach to non-medical healing and also to persons with lasting disabilities.

To implement this objective, our study will (1) present information about faith healers and expose students to the wide range of religious beliefs and practices of people who seek healing outside the medical and nursing professions; (2) hold regular classroom lectures, discussions, and viewing of audio-visual materials; (3) arrange, as far as possible, for guest lectures from psychologists, clergy, and those who are witnesses of non-medical healing (Dr. John Larsgaard, a psychotherapist, has consented to make a presentation on the subjects of hypnosis and "phantom pain"); (4) plan on-site visits to available (and appropriate) church services and rehabilitation centers in the Puget Sound area (Dr. S. Erving Severtson will assist us in a visit to the Good Samaritan Rehabilitation Center); (5) call for student assignments involving reading and responding to many selected resources; and (6) require the preparation of a TERM paper on a topic which will afford the student an opportunity for independent research.

BIBLIOGRAPHY: Francis Mac Nutt, *Healing*; Morton T. Kelsey, *Healing and Christianity*; Donald L. Dudley and Elton Welke, *How to Survive Being Alive*; Henri J. M. Nouwen, *The Wounded Healer*; see instructor for list of secondary readings, and film and videotape list.

REQUIREMENT FILLED: Interim

RESTRICTIONS: Tally cards required—see instructor.

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: \$15.00 for films; additional for local transportation.

MAXIMUM ENROLLMENT: 20

MEETING TIME AND PLACE: 10:00 a.m. to 12:00 noon, M T W R, HA-202; 2:00-4:00 p.m. Fridays for field trips.

P68002 Religion 363 ISLAM: THERE IS NO GOD BUT GOD 4 semester hours P. Ingram

A study of the origins, theology, practice, and expansion of Islamic religious faith with an emphasis on the life and teachings of Mohammed; the major religious ideas of the Koran; the theological perspectives of Sunnite, Shi'ite, and Sufi Islam; and the problems facing Islam in the "modern" world. The primary mode of instruction will be a combination of lecture and class discussion. Muslim teachers will also be invited to address the class and arrangements will be made to visit a Mosque. Grading will be determined by one in-class examination, a research paper on a topic of the student's own choosing relative to the subject matter of the course, and participation in class discussion.

BIBLIOGRAPHY: Kenneth Cragg, *The House of Islam*; Wilfred Cantwell Smith, *Islam in the Modern World*; Annemarie Schimmel, *Mystical Dimensions of Islam*; A. J. Arberry, trans., *The Koran*.

REQUIREMENT FILLED: General University Core Requirement

GRADING SYSTEM: A, B, C, D, E

MAXIMUM ENROLLMENT: 45

MEETING TIME AND PLACE: 8:00-10:00 a.m. daily, HA-211

P68003 Religion 373 AMERICAN CHURCHES 4 semester hours E. Eklund

Events, forces, and movements in the history of religion in America are emphasized rather than a study of separate denominations. Events such as the discovery of America; the defeat of Spaniards and French by the English in the sixteenth and eighteenth centuries respectively; and the Revolutionary, Civil, and twentieth century wars had much influence on religion in America. The same is true of forces which were exerted by such as the frontier, revivalism, and slavery. Movements such as the enlightenment, Pietism, the Social Gospel, Immigration, Fundamentalism, and Ecumenicity in important ways shaped American religion. Although denominations will not be ignored, the stress will be on denominational families (e.g., Baptist [American Baptist, Southern Baptist, etc.], Congregational, Episcopal, Methodist, Lutheran, Presbyterian, and Roman Catholic; Judaism and Eastern Orthodoxy, as well as non-Christian religions in America, will be considered) rather than on a study of each of the separate two-hundred or more religious groups in America. Attention will be paid to "denominationalism" as a movement rather than to "denominations." Reports, term papers, and examination(s) will be required.

BIBLIOGRAPHY: Winthrop Hudson, *Religion in America*. On reserve in the library; *Church History* (a periodical); Sidney Mead, *A Lively Experiment*; Smith, Handy, and Loetscher, *American Christianity* (two volumes); Sidney Ahlstrom, *A Religious History of the American People*.

REQUIREMENT FILLED: General University Core Requirement

PREREQUISITES: Religion 131 or consent of instructor.

COURSE LEVEL: Advanced

GRADING SYSTEM: A, B, C, D, E

MAXIMUM ENROLLMENT: 25

MEETING TIME AND PLACE: 8:00-10:00 a.m. daily, HA-210

P68004 Religion 381 STUDIES IN CHURCH MINISTRY: RELIGIOUS EDUCATION AND THE DEVELOPMENT OF FAITH AND TRUST 4 semester hours R. Finch

This course is not a final statement but, rather, a probe into a process view of faith and trust. The image of faith as a knowing-trusting process will be examined in light of Christian theology and structural developmentalists like Jean Piaget and Lawrence Kohlberg, who have devised a theory of moral development which shows a sequence of stages in the way people construct social or inter-personal reality.

The metaphor for the class will be the human journey of faith. This journey, or process, will be charted by class members from their own experience, from interaction with classmates. A functional view of the church's educational ministry throughout the human life cycle will be the focus for the course.

Student assignments will include required readings, class discussions and presentations, an autobiographical faith-journal, and take-home examination. Class sessions will be varied, including lectures, guest presentations, student reports, and regular and extensive discussion of materials.

BIBLIOGRAPHY: Jim Fowler and Sam Keen, *Life Maps*; *Conversations on the Journey of Faith*; Erik Erickson, *Childhood and Society*; Dietrich Bonhoeffer, *Life Together*; Paul Tillich, *Dynamics of Faith*; Henri J. M. Nouwen, *Reaching Out*; Lawrence Losoncy, *Religious Education and the Life Cycle*.

REQUIREMENT FILLED: General University Core Requirement

COURSE LEVEL: Advanced

GRADING SYSTEM: A, B, C, D, E

MEETING TIME AND PLACE: 10:00 a.m. to 12:00 noon daily, HA-208

SOCIAL WORK

SOCIOLOGY AND ANTHRO- POLOGY

**P68401 Social Work 303
THE HUMAN SERVICES**
4 semester hours
R. Jobst

A field observation-participation course intended for students not majoring in social work or sociology, offering first-hand experience in what it means to be a "helping person" within an institution structured to serve persons who are "different."

This is a course which emphasizes primarily experience in contrast to the traditional classroom structure. Students will be assigned to Rainier School, a state institution serving the "mentally retarded." No written work of a formal nature is required but students will be expected to keep a "reflective log" recording their feelings, perceptions, and questions. Attendance at Rainier School from 9:00 a.m. to 3:00 p.m. daily is required.

One late-afternoon or evening orientation session will be held for the students, with the PLU instructor and institutional personnel from Rainier, during the fall semester. Based on these sessions, students will be encouraged to indicate, if at all possible, their areas of interest so appropriate placements can be made at the institution. Insofar as possible, assignments to specific program areas at Rainier will correspond to the students' interests. Opportunity will be provided for seminars and group discussions.

BIBLIOGRAPHY: E. Goffman, *Asylums*; selected reserve articles.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

COST IN ADDITION TO TUITION: shared transportation costs to Rainier School

INSURANCE COVERAGE: Students are required to have the Students' Sickness and Accident Plan or evidence of similar coverage.

MAXIMUM ENROLLMENT: 25

MEETING TIME AND PLACE: 8:00 a.m., January 5, X-203

**P68402 Social Work 315
PARENTING**
2 semester hours
K. Briar, T. Payne

Students will acquire knowledge about parenting problems and will develop skills to improve the ability of parents to manage child rearing, parent-child interaction, and disciplinary problems. Special emphasis will include skill acquisition for instructing parents and children how to function with a minimum of conflict, violence, and runaway problems. In addition, special needs and parenting problems of teenage parents, and parents of developmentally disabled and handicapped children will be addressed. Students will become proficient in educating parents (both biological and foster parents) and youth in contract writing, contract monitoring, and negotiation skills. Students will acquire skills in helping parents and children function effectively when transition to and from biological to foster parent, group care, or shelter is warranted. Moreover, when permanent placement is necessitated, students will be trained to prepare the triad including the adoptive parents of the child as well as the biological parents for permanent placement. Students will be evaluated on the basis of their assessment of the quantity as well as the quality of services available to parents, and their development of a resource directory designed to assist social delivery persons and parents.

BIBLIOGRAPHY: Gerald Patterson, *Families*

REQUIREMENT FILLED: 2 hours of Interim

GRADING SYSTEM: A, B, C, D, E.

MAXIMUM ENROLLMENT: 50

MEETING TIME AND PLACE: 1:00-2:40 p.m. daily, HA-207

SOCIAL WORK

P68403 Social Work 316

SERVICES TO TROUBLED FAMILIES AND CHILDREN

2 semester hours

K. Briar, T. Payne

This course will examine the conditions that lead families to require help with parenting, child rearing, and care-taking problems. Students will assess the factors that shape successful and unsuccessful family functioning. Methods of strengthening family functioning and mobilizing natural helping resources will be identified. Students will become knowledgeable about the range of social and legal services that either exist or may be needed to promote a "continuum of care" for troubled children and families. Students will learn about service gaps in the transition of children from their biological families to substitute care arrangements when removal is warranted. The course will review recent innovations in permanency planning for foster care and adoption service delivery. Students will be evaluated according to their ability to assess child welfare services and to pinpoint areas for service innovation in areas of unmet need.

BIBLIOGRAPHY: Joseph Goldstein, Anna Trend, Albert Soinit, *Beyond the Best Interests of the Child*, and *Before the Best Interest of the Child*.

REQUIREMENT FILLED: 2 hours of Interim

GRADING SYSTEM: H, P, NC

MEETING TIME AND PLACE: 2-40-4:20 p.m. daily, HA-207

SOCIOLOGY AND ANTHROPOLOGY

P68601 Sociology 307

OTHER REALITIES: AN EXPLORATION OF THE CONSCIOUSNESS MOVEMENT

4 semester hours

D. Oberholtzer

Critics call it the rebirth of the bizarre. Disciples claim it is the return to wholeness. But, regardless of the many conflicting verdicts, the unusual, even the miraculous, fills bookshelves and conversations from New York to San Francisco. Some talk of an evolutionary leap forward, others of a spiritual revival, and still others of a "brain revolution"—while the less enthusiastic shake their heads in disbelief. The subject is consciousness, altered consciousness, and the array of topics associated with The Consciousness Movement: dreams, extrasensory perception, alpha-thinking, psychic healing, mystical experience, life-after-life accounts, intuition, holistic health, and, in general, the "insearch" that the meditation movement represents. For the obedient Westerner, much will be uncommon, a rare combination of alternate realities and novel explanations. Our map, however, will be partial because the field is vast. But we will attempt to separate the serious from the silly, to walk gingerly through the sometimes falsely advertised "mind field," and to mix a proper measure of caution with the necessary amount of enthusiasm. Our purpose, too, will be to assess the impact of the consciousness movement on our materialistic culture. Lecture presentations will be interwoven with in-class experimentation, small group discussion, outside speakers, and a marvelous collection of provocative films. You will look closely at three or four books and write a personal journal which will connect your reading, your personal experience during the Interim, and your wider life history. And let a thousand flowers bloom.

BIBLIOGRAPHY: Berkeley Holistic Health Center, *The Holistic Health Handbook*; Ann Faraday, *The Dream Game*; Lawrence LeShan, *How to Meditate*; Jeffrey Mishlove, *The Roots of Consciousness*; Freda Morris, *Self-Hypnosis in Two Days*.

REQUIREMENT FILLED: Interim

GRADING SYSTEM: H, P, NC

MAXIMUM ENROLLMENT: 30

MEETING TIME AND PLACE: 6:00-9:00 p.m. Fridays, 9:00 a.m. to 12:00 noon and 1:00-4:00 p.m. Saturdays, HA-117 (First session will be January 9, last session will be Saturday, January 31)

P69801 Anthropology / History 311

HORIZONS SOUTH: A CULTURAL TOUR OF MEXICO

(See off-campus listing)

P69802 Anthropology / History 313

CHINESE CULTURE, CALLIGRAPHY, AND CUISINE

(See interdepartmental listing)



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