

Winter 1985

Rollins College Catalog Winter Term 1985

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WINTER TERM 1985

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Rollins College ■ Winter Park, Florida

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Fidel's
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in Kerr's

course

THE ROLLINS COLLEGE WINTER TERM

Scholarly inquiry, creativity, experimentation, exploration -- all are fostered by the lively Winter Term curriculum of Rollins College. January offers faculty and students the opportunity to devote their energies to a single course or project.

Students may choose:

- to delve into subjects they've never tried before
- to dance, act, or play an instrument for the first time
- to sharpen research skills in the library or the laboratory
- to explore unusual topics and unconventional ways of learning
- to put theory into practice through internships
- to undertake senior projects in preparation for graduate study
- to take courses involving travel to foreign countries or other regions of the United States
- to exchange places with students from other colleges and universities
- to study with visiting professors from universities abroad or from other American institutions.

Adding to the vitality of the Winter Term are extracurricular activities including plays, films, concerts, special lectures and sporting events.

In the center of the academic year, the Winter Term is an essential part of the Rollins educational experience.

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WINTER TERM CALENDAR

OCTOBER 1984

15-19 Registration for Off-Campus Studies

29 Opening of registration for Winter and Spring Terms

NOVEMBER 1984

6 Closing of registration for Winter and Spring Terms

7 Deadline to submit Winter and Spring Term independent study proposals (internships, tutorials, and research projects) for departmental approval.

JANUARY 1985

7 Winter Term begins

7 Men's Basketball vs RPI, Enyart Alumni Field House, 7:00 p.m.

8-12 PAN AM Jr. Field Hockey Tournament, Harper Shepherd and Sandspur.

8 Casa Iberia Club, Casa Iberia, 7:30 p.m.

8 Women's Basketball vs Spring Gardens, EAFH, 7:30 p.m.

9 Reception for Winter Term Guest Faculty, Faculty Club, 3:30 p.m.

10 Men's Basketball vs St. Thomas, Enyart Alumni Field House, 7:00 p.m.

11 Last day to drop or add a Winter Term course

11-13 Grandparents Weekend

11 "Children of a Lesser God", Asolo State Theatre

12 Men's Basketball vs Eckerd College, Away, 7:00 p.m.

13 Bagel Brunch, Jewish Student League, Sullivan House, 12:30 p.m. -2:30 p.m.

13 Gary Steigerwalt, piano, Bush Auditorium, 4:00 p.m.

- 14 DCE Spring Registration
- 14 Master Class, Gary Steigerwalt, Rogers Room, 10:00 a.m.
- 15 DCE Spring Registration
- 15 Artist Series, Winner of Chopin National Prize, Annie Russell Theatre, 8:00 p.m.
- 16 Men's Basketball vs University of South, Enyart Alumni Field House, 7:00 p.m.
- 17 Last day to withdraw from a course without penalty
- 17 DCE Spring Registration
- 18 DCE Spring Registration
- 18 Cornell, Opening Reception, Decades of Acquisition (tentative), Cornell Museum, 6:30-8:00 p.m.
- 18 Women's Basketball vs Eckerd College, Enyart Alumni Field House 7:30 p.m.
- 19 Travelventure Film, Portugal, 2:00 and 8:00 p.m.
- 19 Women's Basketball vs Georgia College, Enyart Alumni Field House, 5:30 p.m.
- 19 Men's Basketball vs Florida Southern College, Away, 7:00 p.m.
- 20 Music in the Chapel, John Obetz, organ, Knowles Memorial Chapel, 8:00 p.m.
- 21 Cornell Board of Visitors, Cornell Museum
- 23 Cornell Board of Visitors, Cornell Museum
- 23 Men's Basketball vs FIT, Away, 7:00 p.m.
- 24 Women's Basketball vs St. Leo, Away 7:30 p.m.
- 26 GMAT administered at the University of Central Florida
- 26 Men's Basketball vs St Thomas University of Miami, Enyart Alumni Field House, 7:00 p.m.
- 26 Women's Basketball vs Valdosta, Away 7:30 p.m.
- 28 Australia Day

- 30 Women's Basketball vs Florida Southern, Enyart Alumni Field House, 5:30 p.m.
- 30 Men's Basketball vs Florida Southern, Enyart Alumni Field House 7:00 p.m.
- 31 Registration for March 2 LSAT

FEBRUARY 1985

- 1 Winter Term ends
- 1 "True West", Annie Russell Theatre

WINTER TERM COURSES

<u>OFF-CAMPUS</u>		<u>PREREQUISITE</u>	<u>INSTRUCTOR</u>
A 197-W	The Art and Architecture of Renaissance Italy		Lemon
B 295/395-W	Tropical Marine Biology (N)	Consent	Richard
	OR		
B 297/397-W	Tropical Field Biology (N)	Consent	Richard
C 352-W	Photochemistry	C 221, one term C 304 or C 305	Ramsey
E 262-W	Theater in London		Curb
EC 380-W	Economic Growth and Productivity in Great Britain	EC 211 or EC 212	Hill
ED 292-W	Education in England: Directed Observation and Participation		Cotanche
FR 223-W	Paris and the Loire Valley: Des Châteaux Brillants (C)	FR 102 or equivalent	Lima
GN 100/ 300-W	The Cultural and Economic Environment of Munich and Vienna	GN 201 for letter grade	Bonnell
IC 365-W	Evolution of Law and Legal Systems	Junior status or consent	Newman
RN 321-W	The U.S.S.R. 1985 (C)		Boguslawski
TA 360-W	Theater-Humanities: New York City	Humanities, theater, music, or art course	Rodgers
 <u>ANTHROPOLOGY/SOCIOLOGY</u>			
AS 192-W	Archaeological Field Methods		Stewart
AS 205-W	Observation of Legal Administration in Criminal Cases	Consent, transportation required	Jones
AS 209/ 309-W	Culture and Childhood Socialization: A Cross-Cultural Study (C)		Pequeño
AS 213-W	The Sociology of Kurt Vonnegut, Jr.		Van Sickle
AS-I 247-W	The Irish in American Culture		Slater
AS 296-W	Nazi Germany and the Holocaust	Consent	Weiss
AS 310-W	The Sociology of the Occult: An analysis of the Works of Carlos Castaneda		Glennon
 <u>ART</u>			
A 192-W	Quilts: History, Design and Practical Application		Hallam
A 195-W*	The American Dream and its Manifestation in the Arts of the U.S.		Lemon
A 306-W	Illustration	A 131, A 222, A 231 or consent	Peterson

*Course to be offered if the instructor's off-campus study is not conducted.

BIOLOGY

B 110-W*	Life on Earth	One high school science course or consent	Richard
B 210-W	The Biology of Aging	Soph. status and consent	Klemann
B 292-W	Issues in Nutrition (V)		Gregory
B 391-W	Vertebrate Histology and Microtechnique	B 120-121; B 312 and/or B 323	Small

BUSINESS STUDIES

BA 263-W	The Language of Accounting	No students with BA 325 or BA 326	Satcher
BA 308-W	Investments	Jrs., Srs.	Evans/ McCall
BA 347-W	Applied Marketing Research	EC 221 or one term of basic statistics	Frew
BA 393-W	Ethics and Social Responsibility: A Business Perspective	Jrs., Srs.	Hepburn/ Calderone

CHEMISTRY

C 205-W*	Discovery and Deceit in Science (V)		Ramsey
C 219-W	Chemical Synthesis and Analysis	C 120 or Consent	Eng-Wilmot
C 230-W	Chemistry of Natural Products	C 220, Consent	Blossey

COMPUTER SCIENCE

CS 150-W	Introduction to Computing (Q)		Williams
CS 160-W	Introduction to Computing for Science (Q)	Science and Math majors, no students with CS 150	Bowers
CS-M 297-W	Introduction to Discrete Mathematics (Q)	CS 260 and one term of calculus	Skidmore
CS 497-W	Independent Study in Computer Science	CS 370 or CS 430	D. Child

*Course to be offered if the instructor's off-campus study is not conducted.

ECONOMICS

EC 225-W	Personal Economics (V)	M 109 or equivalent/Jr., Sr. status in a major other than economics	Taylor
EC 305-W	Workplace Democracy: The Economics of Worker Participation, Ownership, and Worker Cooperatives	EC 211/EC 212 or consent	Rock
EC 323-W	Microsim	EC 211 and consent	Meadows
EC 325-W*	Government, Labor, Management Influences on British Economic Growth	EC 211, EC 212	Hill
EC 405-W	International Monetary Relations	EC 307	Kypraios

EDUCATION

ED 280-W*	High School Sports: Contemporary Issues		Cotanche
ED 291-W	Directed Observation and Field Experience	Education major	DeTure

ENGLISH

E 205-W	The English Language and the Computer	CS 150 or CS 160 or consent	Phelan
E 207-W	Inscapes	Consent	Tarver
E 280-W	Versecraft	Enjoyment of word play	Nordstrom
E 285-W	If Only I Had Enough Time to Read...		Ser
E 320-W	F. Scott Fitzgerald: The Man, The Works	Consent	Pastore
E 321-W	William Blake	Consent	Starling
E 327-W	Eudora Welty	One other literature course/consent	Carson
E-WS 378-W*	Feminist Spirituality		Curb

ENVIRONMENTAL STUDIES

ES 210-W	A Tale of Two Coasts	One course in science or environmental studies or consent	Siry
ES 222-W	Alternatives to Chemical Agriculture		Allen

*Course to be offered if the instructor's off-campus study is not conducted.

FOREIGN LANGUAGE

CL 221-W	Helen of Troy: Euripides and the Trojan War		Heath
FL 140-W	Eastern European Writers		Efimov
FR 142/ 342-W	Existentialism and Literature: Malraux, Camus, Sartre	FR 202 or equivalent for advanced French credit	Johnson
FR 171/ 471-W*	The French Cinema		Lima
GN 341-W*	German <u>Novelle</u>	German majors GN 201, GN 202	Bonnell
RN 221-W*	Russian Folklore (C)		Boguslawski
SH 203-W	"How Do You Say That in English?" Spanish to English Translation for Intermediate and Advanced Students	SH 201 or its equivalent	Kerr
SH 271-W	The Spanish Players	SH 201/proficiency in reading a play in Spanish, consent	López-Criado

HISTORY

H 191-W	Hitler: A Study in Tyranny		Levis
H 194-W	Watergate: What Was It? What Does It Mean?		Lane
H 247-W	Race in American History	Consent	Williams
H-AU 250-W	Australia: A Frontier Theme with a Difference		Ryan

LATIN AMERICAN AND CARIBBEAN AFFAIRS

LACA 205-W	History of Latin America (C)		Fernandez
LACA 295-W	Indian Philosophy and Thought in The Spanish American Culture (C)		Muñoz
LC-PO 217/ 317-W	Latin American and the United States in World Politics		Gil
LC-PO 225-W	Problems and Prospects of Latin America (C)		Valdés

MATHEMATICS

M 110-W	Applied Calculus II (Q)	M 110/consent	G. Child
M 196-W	Linear Programming		Naleway
CS-M 297-W	Introduction to Discrete Mathematics (Q)	CS 260 and one term of calculus	Skidmore
M 325-W	Topics in Linear Algebra and Matrix Analysis with Applications	M 321	Wahab

*Course to be offered if the instructor's off-campus study is not conducted.

MUSIC

MU 196-W	Music for Beginners or "They laughed When I Sat Down To Play..."	No formal music and consent	Gallo/ Reynolds
MU 225-W	Bach: His Life and Music	Rudimentary knowledge of music skills or a 100 level music course	Woodbury

PHILOSOPHY/RELIGION

PH 160-W	Philosophy of Sport		Cordner
PH 379-W	Workshop on Philosophical Editing: The Collected Papers of Bruce Wavell	Consent	Ketchum/ Wettstein and staff
R 117-W	Jewish Holidays and Festivals (C)		Posner
R 281-W	Internship in Creative Ministry	Sophomore standing or above	Wettstein

PHYSICS

P 105-W	Astronomy - Halley's Comet		Ross
P 250-W	Microcomputer Structures and Applications	Working knowledge of BASIC Sophomore status or above, consent	Carson

POLITICS

PO 125-W	Politics and Culture in The Middle East (C)		Spencer
PO 210-W	The Reagan Presidency	PO 160 or consent	Lairson
PO 215-W	Quest for Community		Foglesong
PO 220-W	Women and Politics		Greyson

PSYCHOLOGY

PY 110-W	Mass Media Introductions to Psychology		Ray
PY 382-W	Advanced Developmental Psychology	PY 238 or consent	Thompson

SCIENCE

SC 103-W	Thinking and Problem-Solving (V)		Mansfield
SC 270-W	Weather and Climate		Scheer

THEATER ARTS, SPEECH AND DANCE

TA 135-W	Comedy - Taking Laughter Seriously		Nassif/ Juergens Amlund
TA 159/ 359-W	Theater Practice	Consent	
TA 275-W	Basic Techniques of Tap and Jazz Dance for Music Theater	Consent	Sherry
TA 292-W	Intermediate Ballet and Choreography	Ballet I or consent	Mésavage
TA 345-W	Regional Theaters: Retrenched or Revolutionary?		Neilson

INTERDISCIPLINARY COURSES

IC 102-W	Psychology of Competition	Previous or current in- volvement in a competitive activity	Howell
IC 260-W	Searching and Citing Scientific Literature	C 220, P 202, M 111, ES 191-192 or consent	Anderson/ M 111, ES 191-192 or consent

VISITING FACULTY

Each January Rollins attracts outstanding scholars as guest faculty, affording students the opportunity to study with professors from distant places without leaving campus. Among our distinguished guests are instructors from countries which host Rollins programs abroad. Their presence enriches the winter term curriculum and encourages student interest in international studies.

VASSILY N. EFIMOV, M.A., University of Bucharest. Mr. Efimov, a resident of Florida since 1981, was pursuing a doctorate in political science at the University of Bucharest in Rumania prior to his departure for the United States. He is fluent in seven languages and has first-hand knowledge of the politics and literature of the Eastern European nations. His course, "Eastern European Writers," explores not only the function and role of the writer but the various forms of censorship to which the writer is subjected in Soviet-dominated countries.

FREDERICO GUILLERMO GIL, B.A., Instituto de La Habana, J.D., D.Soc.Sc., University of Havana. Dr. Gil, Kenan Professor Emeritus of Political Science at the University of North Carolina, has won international recognition for his teaching and scholarship in the field of Latin American Studies. He directs the Institute of Latin American Studies at U.N.C. and is a Research Professor at the U.N.C. Institute for Research in Social Science. Dr. Gil is editor of the Latin American Politics Series published by Allyn and Bacon, Inc., serves on the editorial boards of several journals and is the author of numerous books and monographs.

BRAULIO MUÑOZ, Ph.D., University of Pennsylvania. Dr. Muñoz is Associate Professor of Sociology and Spanish at Swarthmore College. Previously a free-lance journalist for six years in his native country Peru, he was also publisher and editor of a Peruvian newspaper for a year. Dr. Muñoz's areas of specialization include the sociology of development in Latin America, and he is the author of the book Sons of the Wind: The Search for Identity in Spanish American Indian Literature (1982, Rutgers University Press). With previous teaching positions at the University of Pennsylvania, Temple University, Pennsylvania State University, Rutgers University and Philadelphia College of Art, he is the recipient of the Mellon Fellowship (1982), several faculty research grants at Swarthmore (1979 and 1981), a teaching fellowship at the University of Pennsylvania (1974-75) and an Encampment for Citizenship scholarship to study in Puerto Rico (1966).

JOHN RYAN, B.A.(HONS), M.A. (HONS) Sydney University. Professor Ryan, a native of New South Wales, teaches Australian History in the Rollins Fall Term in Sydney. In 1966, after six years as Lecturer in History at Sydney Teachers' College, Professor Ryan joined the faculty of Macquarie University. As Senior Lecturer in History he developed courses such as "The European Settlement of Australia" and "Approaches to Writing History." A specialist in the transplantation of European traditions to Australia, Professor Ryan has published several articles on the sport of thoroughbred racing in Australia. He recently contributed a chapter entitled "A Labour Premier and the Sport of Kings" to Sport in History III published by La Trobe University. As a Fulbright Exchange Scholar, Professor Ryan spent the academic year 1955-56 at Western Reserve Academy in Hudson, Ohio.

EAMONN SLATER, B.A., Blackrock College. A native of Kilkenny, Ireland, Professor Slater was graduated from Blackrock College with honors in History, Latin and Economics. He expects to receive the Ph.D. in Sociology from Trinity College, Dublin, in December 1984. Professor Slater is an instructor at Trinity College and has served on the faculty of the Rollins Fall Term in Ireland for several years. As a specialist in the sociology of modern Ireland he devotes his research to the impact that recent economic cultural, political and religious trends have on today's Irish society.

WILLIAM SPENCER, A.B., Princeton University, A.M., Duke University, Ph.D., American University. A former Professor of Middle East, North African and Islamic history at Florida State University, Dr. Spencer has lived in the near and Middle East and written several books which combine his scholarly knowledge with practical experience. In his retirement Dr. Spencer keeps active as freelance writer, speaker, editorial and travel consultant. He taught at Rollins during Winter Term 1983 and Fall Term 1984.

GENERAL INFORMATION

REGISTRATION PROCEDURE

A combined Winter and Spring Term preregistration will be held from October 29 through November 6, with the final registration for both terms in the Field House on Saturday, December 1. Students will receive a list of newly opened sections and notification of any alterations to their original schedule. They may then drop and/or add classes for Winter and Spring Terms. Regardless of the nature of the study, students are expected to devote a minimum of 40 hours per week to their academic work. No student may register for more than one course or independent study project during the Winter Term.

GENERAL EDUCATION REQUIREMENTS

Courses which satisfy the general education requirements are designated by the appropriate letters within the course listings and course descriptions. The only general education requirements that can be satisfied during the Winter Term are Composition Reinforcement, designated by the letter "R"; Quantitative Reasoning, designated by the letter "Q"; Knowledge of Other Cultures, designated by the letter "C"; The Natural World, designated by the letter "N"; and Decision Making and Valuation, designated by the letter "V".

OFF-CAMPUS STUDIES

Although travel is an attractive feature of off-campus studies, the experience involves much more than sightseeing. Various academic requirements will have to be met, such as preliminary reading and preparation for on-site seminars.

Early registration for off-campus courses is set for October 15-19. Students interested in any of these offerings should contact the instructor and discuss the academic goals, itinerary, and cost of the program. To register, students should pick up a card from the instructor and turn it in at the Registrar's Office. In the event that an off-campus course cannot be conducted, registered students will be notified.

INDEPENDENT STUDIES

Three types of independent study are offered during the Winter Term: tutorials, research projects and internships. Students planning to take an independent study should pick up the appropriate form at the Registrar's Office and consult with the faculty member who will sponsor the project. An independent study requires considerable planning and consultation with the faculty sponsor and, in the case of an internship, with the off-campus supervisor. Students are therefore urged to begin their preparation well in advance of the registration deadline. The completed forms for Winter Term independent studies must be approved by the faculty sponsor's department and forwarded to the Registrar by Wednesday, November 14th.

WINTER TERM GRADING

Courses On Campus

Students receive letter grades in Winter Term courses unless they elect to take a course Credit/No Credit or unless evaluation on the basis of Credit/No Credit is specified by the instructor in the course description.

A Winter Term course taken Credit/No Credit is not counted among the four courses which students may take Credit/No Credit in the regular curriculum, but it must be taken as an elective.

Off-Campus Studies

Instructors may offer Off-Campus Studies on a Credit/No Credit basis or a letter-graded basis subject to the approval of the Special Programs Committee.

Independent Studies

Students undertaking tutorials and research projects on campus usually receive letter grades.

Off-campus independent studies and internships are evaluated on a Credit/No Credit basis unless approved by the Curriculum Committee for a letter grade. It is recommended that internships carry no more than one course unit credit.

Credit/No Credit

Students must notify the Registrar's Office in writing, no later than one week after the beginning of the Winter Term, that they wish to take a course on a credit basis rather than for a grade. Courses in the major field, except internships, and courses used to fulfill general education requirements may not be taken on a credit basis. No more than one course per term may be so designated, and a maximum of four such courses may count for graduation. A Winter Term course taken on a credit basis is not counted toward the four credit courses which may be taken in the Fall and Spring Terms; however, it must be an elective or an internship. A student may not subsequently receive a grade for a course elected to be taken on a credit basis. Students who earn a C- or better in a course taken for credit receive a mark of CR and the appropriate number of course units. Students earning less than a C- receive a mark of NC. In either case the grade point average is not affected.

ENGINEERING COURSES AT WASHINGTON UNIVERSITY IN ST. LOUIS

Through a cooperative agreement with the School of Engineering and Applied Science at Washington University in St. Louis, Missouri, pre-engineering students at Rollins College have the opportunity to enroll in two-week intensive engineering courses on the Washington University campus. These courses are specifically designed for pre-engineering students attending colleges that participate in 3-2 agreements with Washington University. They allow students to explore and confirm interests in engineering and to sample the various engineering curricula. They also provide students and faculty the opportunity to verify the student's ability in engineering and applied sciences. Rollins will accept these three-semester-hour courses as equivalent to one Rollins Winter Term course. In addition, the student will earn credit which will make the completion of a degree in engineering at one of the 3-2 cooperative institutions easier. The cost will be for tuition, housing, and meals. The student should also allow for travel expenses and money for incidentals. Students who qualify for this program will receive a refund for that portion of their Rollins tuition which they have paid and a refund for a portion of their board fee. However, since the College must reserve rooms, it is not possible to refund any portion of the Rollins housing charge. Washington University at St. Louis will provide to deserving students a two-thirds tuition remission upon the recommendation of the Rollins Coordinator.

The four courses listed below will be offered for the January Term. Each course will involve three lecture sessions and an independent study or laboratory each day. The student may take only one course during the Winter Term.

INTRODUCTION TO CHEMICAL ENGINEERING

ENGINEERING APPLIED TO BIOMEDICAL PROBLEMS

ENGINEERING MECHANICS I

INTRODUCTION TO SYSTEMS SCIENCE AND MATHEMATICS I

For detailed information on this program and application forms, students should see Dr. Donald Griffin, Coordinator of the 3-2 Engineering Program. DEADLINE FOR APPLICATION IS NOVEMBER 15, 1985.

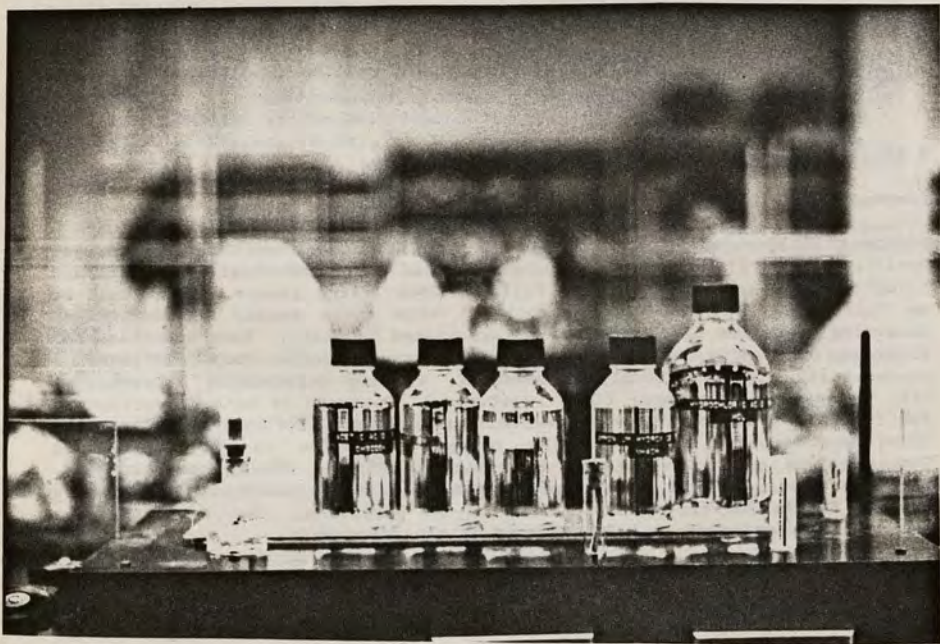
JANUARY TERM AT THE UNIVERSITY OF TEXAS SCHOOL OF ALLIED HEALTH SCIENCES

Students interested in exploring health careers may participate in the January Term Program in Allied Health Sciences at Galveston (UT-SAHS). In addition to a broad overview of allied health professions the program offers the opportunity to become familiar with allied health concepts, ethics in health care, the team approach to health care delivery and admissions requirements for allied health programs. January Term students participate in regular classes, clinical sessions and laboratories as well as classes and events conducted just for them.

The School of Allied Health Services is a part of the University of Texas Medical Branch, located on Galveston Island. This barrier island, two miles off the Texas mainland, has a mild, semi-tropical climate perfect for year-round outdoor activities.

To be eligible for admission students must have a minimum GPA of 2.0 and some background in the sciences at the college level. Students who have paid tuition for Rollins Winter Term pay an additional \$50 administrative fee to UT-SAHS plus their room and board for the three weeks spent in Texas.

Applications must be received by the University of Texas by December 1. Because total enrollment is limited to twenty, students should plan to apply by November 1. For detailed information and application forms, students should see Dr. Eileen Gregory, Chair of the Health Sciences Advisory Committee.



OFF-CAMPUS STUDIES

A 197-W THE ART AND ARCHITECTURE OF RENAISSANCE ITALY

Prerequisite: None / Prof. Robert Lemon / Office: CO

This course is designed to acquaint students with the history of the beginnings of the modern Western world and its artifacts. Part of that acquaintance will occur through a reading program which focuses attention on the history of politics, philosophy, theology, and cultural concerns; further, students will then be encouraged to utilize that abstract knowledge in the context of the real environments from which the ideas and artifacts grew and are still manifest: in city planning, architecture, sculpture, painting, both as entities and in their manifold interrelationships. The study-tour is predicated on the notion that there is no substitute for first-hand exposure to art. Contact time between students and teacher will average about thirty-four hours per week; that time will include lectures in the field, seminars in the hotels, and student presentations.

Means for Evaluation: Evaluation of students' work will be based on quality of presentations, three quizzes on the readings, and quality and consistency of participation in group activities.

Class Limit: 20

Class Meetings: Jan. 3-31

Approximate Cost: \$1750 (round-trip airfare New York/Rome, lodging, breakfast and dinner, excursions)

B 295/395-W TROPICAL MARINE BIOLOGY (N)

Prerequisite: Consent / Prof. David Richard / Office: Bush 212

Directed field-oriented studies of selected marine systems of the Tropical Pacific. Primary field areas will be the Great Barrier Reef off Australia and fringing reefs and atolls in the Fiji and Cook Island groups. Focus will be on shallow marine ecosystems associated with these reefs, collecting and observing organisms from a variety of associated habitats. Both snorkling and SCUBA may be used in the field study. (While certification for SCUBA is not a prerequisite, it is strongly recommended, as many outstanding opportunities will be available in these field locations.) Designed as an introduction to Pacific reefs, the course will emphasize the unique features and origins of these spectacular systems. The primary objective is to develop an understanding of the structure and function of the field areas studied, becoming familiar with the common marine organisms present and comparing aspects of the Pacific reefs to those of the Caribbean. The course provides an elective complement to B 394 offered in alternate years

Means for Evaluation: Preparation of reading assignments, regular laboratory study and analysis and discussion of the material, occasional oral quizzes, a field notebook and a final integrative report describing and comparing the systems studied.

Class Limit: 12

Class Meetings: Jan. 2 to Feb. 2

Approximate Cost: \$3015 (round-trip airfare Los Angeles/Queensland, surface transportation on site, lodging, meals)

The following alternate course will be offered if there is insufficient enrollment for B 295/395 TROPICAL MARINE BIOLOGY OF THE PACIFIC.

B 297/397-W TROPICAL FIELD BIOLOGY (N)

Prerequisite: Consent / Prof. David Richard / Office: BU 212

Directed field-oriented studies in selected terrestrial and aquatic field areas of the American Tropics. Terrestrial emphases include reptiles, birds, insects and dominant flora of the New World tropical rain forests and cloud forests (including cave biology); aquatic habitats include tropical rivers and mangroves, coral reefs and turtle grass flats of the Caribbean. This course should serve major and non-major alike as an introduction to the wildlife and plants of the American tropics; especially suitable for those interested in field biology or environmental studies. Following an initial week of preparatory sessions in the Bush Science Center, the class will participate in daily field activities (8 days in the rain forest, 12 days on the Atlantic barrier reef). Discussion and analysis of collections will follow field studies.

Means for Evaluation: Evaluation is based on written and oral quizzes, field notebooks, a final summary report, and the instructor's subjective assessment of each individual's learning experience.

Class Limit: 12

Class Meetings: Jan. 7-11 on campus; Jan.12-Feb. 1 in Belize (British Honduras)

First Session: 9:00 a.m., January 7 in BU 107

Approximate Cost: \$1290 (round-trip airfare Miami/Belize, land transportation Orlando/Miami, lodging, meals)

C 352-W PHOTOCHEMISTRY

Prerequisite: C 221 (Organic Chemistry); one term of Physical Chemistry, C 304 or C 305 / Prof. Brian G. Ramsey / Office: BU310

The objective of this course is to introduce the student to modern principles and practices in photochemistry by conducting a laboratory intensive course at one of the nation's centers of research in molecular spectroscopy and photochemistry. (Department of Chemistry, Florida State University, Tallahassee, Florida) In addition to attending lectures, each student will assume responsibility for a small research project or experiment. The course will consist of approximately 5 to 6 hours of lecture a week, 30 hours of laboratory time, and 4 to 5 hours a week in seminars or library work.

Means for Evaluation: Course evaluation will be based upon one exam at the end of the course, a research paper, and the laboratory notebook.

Class Limit: 5

Class Meetings: Jan. 4-31 at Florida State University, Tallahassee, Florida

Approximate Cost: \$740 (Round-trip transportation by car Orlando/Tallahassee, motel accommodations)

E 262-W THEATER IN LONDON

Prerequisite: None, but priority given to English majors and minors who have completed E 201 and E 202 / Prof. Rosemary Curb / Office OR 108

On-the-scene experience of theater in London by viewing and seminar critique of at least twelve productions, especially experimental productions of playwrights studied. Intensive preliminary study of selected contemporary British playwrights including Bond, Churchill, Osborne, Pinter, Stoppard. In London students will tour places of dramatic and literary interest and meet with playwrights and scholars where possible. This course will expand the liberal arts student's understanding and appreciation of the traditions and development of British theater, including the tradition of the avant-garde, and demonstrate the metamorphosis of the literary text into performance art. Although the course will focus more on critical and dramaturgical analyses of text and performance than on the pragmatics of production, theater arts students may benefit equally with literary scholars in the humanities tradition. Side trips to Stratford-on-Avon, Windsor Castle, Warwick Castle, Eton.

Means for Evaluation: Preliminary reading quiz (before departure) on all assigned reading, participation in preliminary discussion of reading and attendance at preparatory sessions. Journal of London literary and theater experience, including a two-page critique of every production viewed and every lecture or discussion with guest expert and a detailed evaluation of the whole experience (due: February 1, 1985). Formal oral presentation on one contemporary British playwright, theater group, or type of play--equivalent to twelve-page paper--to be presented on January 29, 30, and 31 at Rollins College

Class Limit: 20

Class Meetings: Two orientation sessions: November 15, 1984 and December 6, 1984. Jan. 6-26, 1985, in London.

Approximate Cost: \$1475 (round-trip airfare Orlando/London, lodging, breakfast, theater tickets, excursions)

EC 380-W ECONOMIC GROWTH AND PRODUCTIVITY IN GREAT BRITAIN

Prerequisite: EC 211 or EC 212 / Prof. Donald W. Hill / Office: CR 115

A seminar in Government, Management, and Union policies and their effects on British economic growth and development. The objectives of the course are to provide direct experience of the philosophies, policies, and contributions to economic growth and development of the major institutions within Great Britain and to give students the opportunity to question representative officials of these institutions. The seminars will take place on the premises of the seminar leaders from Parliament, labor organizations, industry, banks and other financial organizations, and publishers of economic studies and forecasts.

Means for Evaluation: Several on-campus seminars in addition to selected readings are required of each student prior to departure. Seminars at the hotel and on each of 13 premises we will visit in and around London. Library research as needed. Students are required to participate in the seminars as it is a portion of the overall grade. An analytical term paper resulting from the field trips, seminars, and library research on some part of the overall study topic is required.

Class Limit: 20

Class Meetings: At least four seminar sessions prior to departure. Jan. 2-26, 1985.

Approximate Cost: \$1500 (Roundtrip airfare Tampa/London, meals, lodging and excursions.

ED 292-W EDUCATION IN ENGLAND: DIRECTED OBSERVATION AND PARTICIPATION

Prerequisite: None / Prof. Larry Cotanche / Office: Evening Studies Center Rm 119

This course will expose Rollins students to English culture and society and allow them to examine English public education and teaching approaches. Specifically, the students will be exposed to various English classes, observe child and adolescent behavior, and observe and participate in various classroom activities. It is hoped that the student will obtain an understanding and appreciation of England's people, society and schools.

Means for Evaluation: The students will be required to: attend formal lectures and discussions during their stay in England, spend a minimum of three hours a day for two weeks in an English classroom, do a series of reaction papers and also complete a set of appropriate readings in the area of concentration. Each student will maintain a daily log of all personal and academic experiences and will write a term paper that examines the various experiences of the off-campus course and also reflects specifics with respect to school visits and academic readings. This paper will be completed during the week following the trip. Pre- and post-testing will be done covering the specifics and philosophy of English education.

Class Limit: 20

Class Meetings: Two orientation sessions on campus at the end of Fall Term. Jan. 6-26, 1985 in London

Approximate Cost: \$1475 (Round-trip airfare Orlando/London or New York/London, lodging, breakfast and excursions)

FR 223-W PARIS AND THE LOIRE VALLEY: DES CHATEAUX BRILLANTS (C)

Prerequisite: FR 102 or equivalent / Prof. Richard Lima / Office: HK 101

This course is designed as a study of French culture and history through readings of literary selections contemporaneous with the foundation of castles in the Parisian area and in the Loire valley. In preparation for our visit, students will read excerpts of major literary works from the Middle Ages to the Napoleonic Era. On-campus classroom lectures and discussions will be conducted in French. Students will be tested on their knowledge of literary selections and of French history pertinent to the foundation of the castles, palaces and museums visited. Students will be required--contractually--to speak French throughout our stay in France.

Means for Evaluation: Attendance (classroom/on-site), one test on French history, from the Capetian dynasty to the First Empire; five quizzes on the literary selections from the Middle Ages, Renaissance, Classical, Enlightenment and Romantic periods; a final exam based on the knowledge gained from our visit will be given the day following our return to campus.

Class Limit: 20

Class Meetings: Orientation meeting: November 15th (travel arrangements, passports, etc.), Jan. 7 and 8, 9:00-12:00 (pre-departure orientation), Jan. 9-30 on site, Jan. 31 study day, Feb. 1, final examination 9:00-12:00

Approximate Cost: \$1700 (Includes airfare Orlando/Paris, land transportation in France, lodging, breakfast, five dinners, excursions)

GN 100/300-W THE CULTURAL AND ECONOMIC ENVIRONMENT OF MUNICH AND VIENNA (C)

Prerequisite: GN 201 for letter grade; none if CR/NC / Prof. Peter Bonnell / Office: Hauck 206

This course provides an opportunity for German language students to improve their language skills and gives students an opportunity to study the cultural and economic life of Munich, Germany, and Vienna, Austria, through participation in guided cultural and industrial visits.

Means for Evaluation: A written test, presentation for group seminars and a final paper.

Class Limit: 20

Class Meetings: Jan. 5-28 in Munich and Vienna

Approximate Cost: \$1640 (airfare New York-Munich-Vienna-New York, lodging, breakfast, excursions)

IC 365-W EVOLUTION OF LAW AND LEGAL SYSTEMS

Prerequisite: Junior status or consent / Prof. Marvin E. Newman / Office:

The course will consider four principle inquiries: 1) What is law? 2) What is legal reasoning? 3) What is a legal system? 4) How do the history, traditions, and social environment of a nation relate to the above?

Lectures, readings and field trips in the United States, England, and Greece will serve as the major instructional resources. Guided lectures in England and Greece will include all the major Civil and Criminal Courts, major administrative agencies, Parliament in England and The House of Parliament in Greece, and a law school and university in each country. Guided tours in both England and Athens will include major sites of interest such as Westminster Abby, The Tower of London, The House of Commons, Stratford-on-Avon in England; The Acropolis with its Parthenon, Erechtheion and Acropolis Museum, the Ruins of Delphi in Greece, and a four day Greek classical tour.

Means for Evaluation: Attendance, class participation, examinations and a paper of moderate length. In the last week of the course, students will be expected to prepare a research paper of moderate length. The topic selected from a list to be provided during the first week of the course.

Note: Students who take this course for a grade (rather than on a credit/no credit basis) will be expected to produce a longer paper on a topic selected from a different list, and will require in-depth analysis in addition to the research work.

Class Limit: 20

Class Meetings: Thursday, January 3-8, 1985, 3:00-5:00, CR 318, January 10-23 in England and Greece

Approximate Cost: \$1900 (Airfare Orlando/Greece/London and return, lodging, breakfast, four group meals plus all lunches in Athens, excursions)

RN 321-W THE U.S.S.R. 1985 (C)

Prerequisite: Priority given to those with RN 311, RN 315 and courses in Russian and Soviet History / Prof. Alex Boguslawski / Office: Hauck 205

The objective of this course is to provide Russian language students the opportunity to improve and practice language skills as well as others to study areas of major interest (History, Art, Business, Sociology, International Relations) through experience, contact with Soviet citizens, observation and participation in Soviet living. The program will include visits to leading Soviet Universities and Institutes as well as secondary schools and childcare centers. Discussions with students, administrators and faculty will be scheduled. Students will have guided lecture tours of the Hermitage Art Museum, the Tretyakov Museum, National Museums of Art and History in each of the republics visited. The unique experience of studying the culture, society, economy, and history of each of the six republics visited will provide a close analysis of comparisons and contrasts between republics and the contribution of each to the U.S.S.R. A minimum of eight theater performances will be scheduled and free time will be available for students to continue research in support of individual study requirements in language, business, history, sociology, or art. In addition to the Rollins College instructor a qualified Soviet Program Director will be present throughout the entire period to assist with educational and administrative duties.

Means for Evaluation: Detailed report, attendance and participation in all scheduled activities.

Class Limit: 20

Class Meetings: Jan. 4-Feb. 1 in the Soviet Union

Approximate Cost: \$1995 (Round-trip airfare New York/Moscow, lodging, all meals, excursions)

TA 360-W THEATER-HUMANITIES: NEW YORK CITY

Prerequisite: Humanities, theater, music, or art courses / Prof. Charles Rodgers / Office: ART 103

This course is designed to provide students with a broad overview of the humanities, with an emphasis on the theater. While in New York City students will participate in a variety of activities related to theatrical and

expressive arts including: twelve Broadway productions, a seminar by T.E. Kalem, a visit to the studio workshop of a theatrical scene designer and costume producer, and a variety of lecture tours to ten cultural centers in New York City.

Means for Evaluation: Five-page critical review of each of the twelve productions, a three-page paper on each cultural site, oral reports, exams and quizzes during final two weeks. Letter grade for theater majors; credit/no credit for non-theater majors.

Class Limit: 20

Class Meetings: Jan. 7-20 in New York City, remainder of term on campus.

Approximate Cost: \$1000 (One-way airfare New York to Orlando, lodging, theater admissions)



ANTHROPOLOGY-SOCIOLOGY

AS 192-W ARCHAEOLOGICAL FIELD METHODS

Prerequisite: None / Prof. Marilyn Stewart / Office: PAB 4A

An experience in archaeological field work involving actual excavation and/or survey of sites in Central Florida. The course will focus primarily on examining ecological relationships of Central Florida Indians of the past in order to better understand humankind as part of the natural system. Students will gain an appreciation of archaeology and what is involved in studying past ways of life.

Means for Evaluation: Evaluation will be based on one exam, a field log, a term paper, and performance in the field and the laboratory.

Class Limit: 15

Class Meetings: 9:00-4:00 MTWTH

First Session: 9:00, Monday, January 7, PAB D

AS 205-W OBSERVATION OF LEGAL ADMINISTRATION IN CRIMINAL CASES

Prerequisite: Consent and transportation required. Most course time will be spent away from Rollins in the Orange County Courthouse. /Prof. Arthur Jones/ Office PAB 5B

The purpose of this course is to provide students an opportunity to learn more about the legal structure of society by observing how law is routinely administered in the prosecution of criminal cases. The basic objective is to acquire insight into what happens to laws as ideals of conduct when they are applied through successive levels of legal bureaucracy. In addition to systematic readings in the sociology of law, students will observe all aspects of criminal cases, from impaneling juries to sentencing. Throughout the term the class will meet a variety of professionals who play key roles in this process: judges, attorneys (both prosecution and defense), bailiffs, court reporters, law enforcement officials, and probation and parole officials. Class meetings at Rollins will involve discussion and integration of readings and observations.

Means for Evaluation: Complete participation is absolutely required. Final evaluation will be based on participation, examinations on reading materials, and a final paper to consist of each student's resolution of selected dilemmas that will have become obvious during the course.

Class Limit: 12

Class Meetings: The first class meeting will be for orientation and to get acquainted. Most class time will be spent in the Orange County Courthouse. One or two meetings per week will be held at Rollins for two or three hours per meeting. Students must be prepared to commit approximate-

ly six hours per day, exclusive of preparation of assignments, throughout the term.

First Session: 1:00, Monday, January 7, PAB 3

AS 209/309-W CULTURE AND CHILDHOOD SOCIALIZATION: A CROSS-CULTURAL STUDY (C)

Prerequisite: None / Prof. Pedro Pequeno / Office PAB 4C

An analysis of culture, infancy, and childhood socialization in comparative perspectives; patterns of development and socialization in various cultures; the impact of Westernization and Modernization on child bearing and socialization practices in traditional societies. A study of child abuse cross-cultural. The course will also touch on the boundaries between "nature" and "nurture."

Means for Evaluation: Two examinations (mid-term and final), two written reports on assigned books, regular reading and class discussion of homework assignments.

Class Limit: 18

Class Meetings: 9:30-12:00 MTWTH

First Session: 9:30, Monday, January 7, PAB 1A

AS 213-W THE SOCIOLOGY OF KURT VONNEGUT, JR.

Prerequisite: None / Prof. Larry Van Sickle / Office: PAB 5B

This course will examine from a sociological perspective, specific works written by the contemporary author, Kurt Vonnegut, Jr. Our analysis will focus upon many of his works, including *Slaughterhouse-Five*; *God Bless You, Mr. Rosewater*; *Cat's Cradle*; *Player Piano* and other popular titles. Vonnegut's concern with the quality of contemporary human experience will be compared and contrasted with the work of the celebrated sociologist/economist, Thorstein Veblen. Veblen, like Vonnegut, was concerned with alienation, the quest for meaning in a bureaucratic environment, the plethora of imbecile institutions, the dangers of technocracy, and the overwhelming evidence pointing toward the growing reality of a plutocratic society. These and other issues will be analyzed and their impact on contemporary life will be closely examined. Socio-drama and group role-playing will be emphasized.

Means for Evaluation: One examination, three reaction essays, three essay critiques, contributions to class sessions

Class Limit: 15

Class Meetings: 1:00-4:00, MTWTH

First Session: 1:00, Monday, January 7, PAB 1A

AS-I 247-W THE IRISH IN AMERICAN CULTURE

Prerequisite: None / Prof. Eamonn Slater / Office: HK 207

This course involves an in-depth analysis of the effect that the Irish had and still have on American economic and social life. It examines the problems of the Irish immigrants' integration into various aspects of American life and their relationship with other ethnic groups.

Means for Evaluation: Two tests, written reports and class participation

Class Limit: 30

Class Meetings: 1:30-3:30 MTWTH

First Session: 1:30, Monday, January 7, HK 100

AS 296-W NAZI GERMANY AND THE HOLOCAUST

Prerequisite: Consent / Prof. John Weiss / Office: PAB 5

In the early stages of World War II, the decision was made by the leadership in Nazi Germany to begin the "final solution to the Jewish problem." This eventually led to the mass murder of almost six million Jews and six million non-Jews in the concentration camps of Nazi-held Europe. This decision to liquidate the Jews and other enemies of the Nazi state was the culmination of a long series of actions taken during the decade of the 1930's to begin the isolation, forced movement, and concentration of the Jews living in Germany.

This course focuses on Nazi racial ideology, the governmental decrees which were part of the legal process, and on other considerations that entered into the thinking of the Nazi leadership. We will examine from a sociological perspective those elements of Nazi society and ideology which were part of the process leading to mass murder in the concentration camps. This course also looks at life in the concentration camps themselves, and at a wide range of Jewish responses to the treatment they received. Questions of moral and ethical dilemmas confronting not only Jews but also all German citizens are included. A basic background on the rise of the Nazi party is included, as is the question of the lessons to be learned from this historical experience with totalitarianism. The power of the state over the individual and individual responsibility for one's action in any society are examined in detail.

Means for Evaluation: Class participation based upon reading required books, oral reports and oral exams. Numerous TV tapes, films and other visual material will be presented.

Class Limit: 20

Class Meetings: 10:00-12:00, MTTH

First Session: 10:00, Monday, January 7, PAB 1B

AS 310-W THE SOCIOLOGY OF THE OCCULT: AN ANALYSIS OF THE WORKS OF CARLOS CASTANEDA

Pre-Req: None / Prof. Lynda Glennon / Office: PAB 5A

An examination of the realm of the occult (magic, sorcery, spiritualism, etc.) using insights from the sociology of knowledge. The major focus will be on the six works of Carlos Castaneda and on the social scientific commentaries which have addressed his work.

Means for Evaluation: Oral reports on readings and on field trip notes; a mid-term and a final examination.

Class Limit: 20

Class Meetings: 10:00-1:00 MTWTH, 6:00-10:00 p.m. TH. Guest speakers and field trips to such places as Cassadega will be scheduled all day on Fridays.

First Session: 10:00, Monday, January 7, PAB 2



ART

A 192-W QUILTS: HISTORY, DESIGN AND PRACTICAL APPLICATION

Prerequisite: None / Prof. Hallie Hallam / Office: Cornell 105

Patchwork and applique quilts are American contributions to art. In this course the history of the quilt will be explored and design motifs will be examined through the use of slides and actual demonstration. Many of these designs show remarkable similarity to contemporary paintings and comparisons of the compositions will be made. Students will be asked to work out a series of their own patchwork/applique designs on paper and will be expected to complete several actual quilted squares in traditional patchwork and original applique designs. A historical quilt exhibition at Cornell Museum is timed to coincide with the course and will be used for demonstration purposes. Some previous sewing experience would be helpful.

Class Limit: 15

Class Meetings: MTWTH, 1:00-3:00

First Session: 1:00, Monday, January 7, CO 116

If the off-campus study in Italy
cannot be conducted, the following
ALTERNATE COURSE
will be offered

A 195-W THE AMERICAN DREAM AND ITS MANIFESTATION IN THE ARTS OF THE U.S.

Prerequisite: None / Prof. Robert Lemon / Office: Cornell 103

The course will begin with the study of the people of the United States from the standpoint of a British cultural anthropologist. A brief survey will be made of pragmatism, transcendentalism and funk. Then a tentative definition of the American Dream will be formulated.

A subsequent investigation as to the fulfillment of, or disillusionment with the dream will be sought in American literature, music, visual art, and architecture. There will be an intentional absence of historical orientation in the study of these arts. Sources for study will not be exclusively fine arts, but will also include some folk and vernacular arts.

Means for Evaluation: Grades will be based on evaluations of research projects both oral and written; furthermore, there will be two quizzes and a final examination.

Class Limit: 15

Class Meetings: 9:00-12:00, MTWTH

First Session: 9:00, Monday, January 7, CO 113

A 306-W ILLUSTRATION

Prerequisite: A 131, A 222, A 231 or consent / Prof. Thomas Peterson /
Office: Cornell 107A

A course designed primarily for students with good backgrounds in drawing, design, and painting who wish to apply these skills to the special disciplines of illustrative art. A variety of black and white and color assignments will focus on the artistic and communication skills required of the contemporary illustrator.

Means for Evaluation: Evaluation will be based on the student's ability to learn basic concepts of visual communication and demonstrate the skills necessary to the execution of assignments. The quality of the portfolio of completed work will be a major factor in determining a grade.

Class Limit: 12

Class Meetings: 10:00-1:00, MTWTH. Additional time will be spent in research for projects and preparatory sketch work.

First Session: 10:00, Monday, January 7, CO 111

BIOLOGY

If the off-campus study in Australia cannot be conducted, the following

ALTERNATE COURSE
will be offered

B 110-W LIFE ON EARTH

Prerequisite: One high school science course or consent / Prof. David Richard / Office: BUSH 212

A look at the natural history of the earth, using the themes of David Attenborough's film series. An appreciation for the development and organization of the diversity existing among the various groups of organisms will be the central focus. The objectives of the course will be: a) to become familiar with the great variety of life that exists on the planet; b) to develop an understanding of the apparent interrelationships of the various life forms; and c) to consider the mechanisms responsible for the development of life on earth.

Means for Evaluation: Class participation--25%, weekly quizzes and final exam--50%, written paper and oral presentation--25%

Class Limit: 16

Class Meetings: 9:30-11:30, MTWTH

First Session: 9:30, Monday, January 7, BU 107

B 210-W THE BIOLOGY OF AGING

Prerequisite: Sophomore status and consent / Prof. Stephen Klemann / Office BUSH 220

This course offers an introduction to the phenomenon of aging or senescence, largely from a biological perspective. In essence, senescence begins in early adult life and constitutes an accumulation of deteriorating functions in cells, tissues and organs that are manifested as "aging." The objectives of the course include an examination of: 1) the theories and mechanisms of senescence; 2) the impact of diet, exercise and lifestyle in general on the plasticity of aging and; 3) the variety of age-associated diseases, both chronic and degenerative.

This course will not serve as a biology elective for majors. It is intended for students with some knowledge of the principles of biology.

Means for Evaluation: Class participation--25%, two exams--50%, paper (includes presentation to class)--25%

Class Limit: 16

Class Meetings: 9:00-11:00, MTWTH

First Session: 9:00, Monday, January 7, BU 210

B 292-W ISSUES IN NUTRITION (V)

Prerequisite: None / Prof. Eileen Gregory / Office: BU 217

Through library research, small group discussions and class discussions, we will examine the world food situation and evaluate alternative solutions to the problem. Topics of discussion will include population pressures, technological advances and factors affecting food choices. The course will be taught by the guided design method. This course will not count as an elective for biology majors.

Means for Evaluation: Grade will be based upon participation and weekly papers.

Class Limit: 15

Class Meetings: 9:00-12:00 MF,

First Session: 9:00, Monday, January 7, BU 308

B 391-W VERTEBRATE HISTOLOGY AND MICROTECHNIQUE

Prerequisite: B 120-121, highly recommended: B 312 and/or B 323 / Prof. James Samll

A course discussion of the structure and function of vertebrate cells and tissues. The course involves microscopic examination of selected tissues and preparation of microscope slides. The course objectives are to acquire a basic knowledge of vertebrate histology and to learn how to prepare tissues for microscopic examination.

Means for Evaluation: Three major exams that include both a written and practical section (85%) and preparation of microscope slides from 5 different fresh tissues. The slides will be demonstrated to the class in an oral presentation (15%).

Class Limit: 14

Class Meetings: 9:00-12:00, 4 or 5 days per week (depending on week)

First Session: 9:00, Monday, January 7, BU 204

BUSINESS STUDIES

BA 263-W THE LANGUAGE OF ACCOUNTING

Prerequisite: Business students completing BA 325 or BA 326 not admitted / Prof. Paula Satcher / Office: Evening Studies Center

A survey of accounting that will focus on the interpretation, use, and appreciation of accounting information. The course is designed for the present and future users of the products of an accounting system, not for the aspiring accountant. Emphasis will be placed on concepts, not mechanics, while considering the informational needs of the manager. Topics include accounting reports, the concept of value, approaches to inflation and financial statement analysis. This course is intended for non-business students.

Means for Evaluation: Class participation, homework assignments, tests, case studies and presentations.

Class Limit: 15

Class Meetings: 10:00-12:00, MWF

First Session: 10:00, Monday, January 7, CR 117

BA 308-W INVESTMENTS

Prerequisite: No freshmen. Juniors and seniors preferred. / Profs. Ross Evans and John McCall / Office: Evening Studies Center

A study of investments in stocks and bonds. However, some emphasis is given to other forms of investments, especially real estate. Course objectives are: to build a financial and investment vocabulary; to provide inquiry into business problems and current trends; to read financial statements intelligently; to better understand the working of our capitalistic economy, the political philosophy of the times, and the future trends of the economy and their effects on business.

Means for Evaluation: Three or more tests, three or more special written reports, class discussions.

Class Limit: 30

Class Meetings: 1:00-3:00, MTWTHF

First Session: 1:00, Monday, January 7, PAB 7

BA 347-W APPLIED MARKETING RESEARCH

Prerequisite: EC 221 or one term of basic statistics / Prof. Barbara Frew /
Office: Evening Studies Center

This course will provide experiences in applying research tools in a marketing context. Students will learn how to design research instruments, present them to consumer subjects, and analyze the resulting data. In addition to questionnaire construction and data analysis, the course will stress: types of measurement, research design, sampling techniques, attitude measurement, field procedures, and appropriate methods of analysis.

Students will complete computer assignments involving analysis of actual marketing survey data. The winter term project will be a design of a complete survey package to answer a marketing research question. No computer programming experience is required. However, students will be required to learn basic procedures in SAS (Statistical Analysis System).

Means for Evaluation: Class participation, computer/written homework assignments, term project, presentation and unannounced quizzes.

Class Limit: 15

Class Meetings: 9:00-12:00, MWF

First Session: 9:00, Monday, January 7, PAB 10

BA 393-W ETHICS AND SOCIAL RESPONSIBILITY: A BUSINESS PERSPECTIVE

Prerequisite: Juniors and seniors, prefer business students / Prof. W.J. Hepburn and Father Joseph Calderone / Offices: Evening Studies Center and Newman House

Case studies of the changing environment of American business. Main emphasis will be on the social responsibility of business. Topics covered: consumerism, ethical problems relating to business, values in our changing society, government regulations, and ethical problems in international business relationships.

Means for Evaluation: Tests, oral presentations, homework cases, and short research paper.

Class Limit: 40

Class Meetings: 9:00-11:30, MTWTH

First Session: 9:00, Monday, January 7, PAB 3

CHEMISTRY

If the off-campus study in Tallahassee cannot be conducted, the following

ALTERNATE COURSE
will be offered

C 205-W DISCOVERY AND DECEIT IN SCIENCE (V)

Prerequisite: None / Prof. Brian G. Ramsey / Office BUSH 310

The course objectives are to explore and eventually understand the operational methods and values by which science progresses as a personal endeavor. The course will be conducted by case studies of both ancient and modern examples of plagiarism, sexism, racism, fraud and deceit by famous, or infamous, scientists. In addition to general class reading assignments, each student will be asked to do an in-depth case history study on a major controversial publication or "discovery" in science. One day in the laboratory setting will be utilized to introduce students to the methodology by which physical scientists collect and analyze data. A second day will be devoted to examination of data collection and analysis in social and behavioral sciences. Remaining time will be devoted to classroom discussion.

Means for Evaluation: Two essay exams based on assigned reading material and class discussion, participation in classroom discussion and one major research paper.

Class Limit: 12

Class Meetings: 9:00-11:00 a.m. TWHF, Lab 9:00-1:00 M

First Session: 9:00, Tuesday, January 8, location TBA

C 219 CHEMICAL SYNTHESIS AND ANALYSIS

Prerequisite: C 120 or consent / Prof. Larry Eng-Wilmot / Office: BU 314

The limits of modern inorganic chemistry are becoming ill-defined; they may range from the foundations of physical and organic chemistry to the edges of theoretical physics and molecular biology. This course, designed for the beginning student of chemistry, offers a unique lecture-laboratory experience for the development of a working understanding of the principles governing the synthesis, reactivity and structure analysis of "inorganic" molecules. Lecture-study will include thermo-dynamic and kinetic treatments of chemical equilibria, reaction kinetics and mechanisms, modern bonding theories and chemical and spectroscopic methods of analysis. The laboratory will emphasize skills and techniques in the synthesis, structure characterization and analysis of a number of interesting inorganic coordination compounds.

Means for Evaluation: Two on-hour examinations, final examination, weekly quizzes, laboratory reports and performance

Class Limit: 10

Class Meetings: 9:00-11:00 MWF, 9:00-12:00 and 2:00-5:00 TTH (Lab)

First Session: 9:00, Monday, January 7, BU 301

C 230-W CHEMISTRY OF NATURAL PRODUCTS

Prerequisite: C 220 / Prof. Erich Blossey / Office: BU 313

This course will explore the chemistry and biogenetic aspects of natural products, including terpens, steroids, alkaloids, acetogenins and macrolides. Structural features of the natural products will be examined in conjunction with an introduction to the biogenesis of these diverse compounds. Laboratory work will make use of the many natural sources of these compounds in Florida for their isolation, separation, purification and structural identification.

Means for Evaluation: Weekly quizzes, final examination and an extensive laboratory notebook.

Class Limit: 10

Class Meetings: 9:00-11:00 MWF, 9:00-12:00 and 2:00-5:00 TTH (Lab)

First Session: 9:00, Monday, January 7, BU 303



COMPUTER SCIENCE

CS 150 INTRODUCTION TO COMPUTING (Q)

Prerequisite: None / Prof. Donna Williams / Office: BU 103

An introduction to computer solutions of problems in non-science fields. Course topics include a thorough discussion of a computer language (BASIC), simple logic in writing programs, and the capabilities of computers, including word processing.

Means for Evaluation: Tests, quizzes, writing computer programs and a final examination.

Class Limit 25

Class Meetings: 9:00-12:00 MTHF

First Session: 9:00, Monday, January 7, BU 326

CS 160 INTRODUCTION TO COMPUTING FOR SCIENCE (Q)

Prerequisite: Science and math majors. No students who have already taken CS 150 / Prof. John Bowers / Office: BU 329C

An introduction to computer solutions of problems, with emphasis on scientific problems. Course topics include a thorough discussion of a computer language (BASIC), simple logic in writing programs, and the capabilities of computers, including word processing.

Means for Evaluation: Three or four tests and approximately 10 short computer assignments, writing computer programs, and a final examination.

Class Limit: 25

Class Meetings: 8:30-11:00 MTWTHF; individual meetings: 11:00-12:00 MTWTHF

First Session: 8:30, Monday, January 7, BU 328

CS-M 297-W INTRODUCTION TO DISCRETE MATHEMATICS (Q)

Prerequisite: CS 260 and one term of calculus / Prof. Alexandra Skidmore / Office BU 329D

This course introduces the student to mathematical topics that are fundamental to computer science. Topics include: sets, relations and functions, methods of proof, logic, mathematical induction, fuzzy sets, enumeration methods, recurrence relations, analysis of algorithms. These topics will be of later use in such courses as data structures, discrete structures, linear algebra, etc. Satisfies the directed study requirement for the major or minor in computer science.

Means for Evaluation: Evaluation will be based on tests, written homework assignments, and class participation.

Class Limit: 20

Class Meetings: 9:00-12:00, MTWTF

First Session: 9:00, Monday, January 7, BU 325

CS 497-W INDEPENDENT STUDY IN COMPUTER SCIENCE

Prerequisite: CS 370 or CS 430 / Prof. J. Douglas Child / Office: BU 101

A project-oriented course. The topic of the project will be selected from operating systems, compiler construction, robotics and artificial intelligence.

Means for Evaluation: Homework assignments and course project.

Class Limit: 9

Class Meetings: 9:00-11:00, MWF

First Session: 9:00, Monday, January 7, BU 327

ECONOMICS

EC 225-W PERSONAL ECONOMICS (V)

Prerequisite: M 109 or equivalent and junior or senior status in a major other than economics. (EC 225 does not count toward the economics major.) / Prof. Kenna Taylor / Office: CR 208

Develops the conceptual framework and analytical tools needed to make rational personal economic decisions. Realistic hypothetical case studies of typical personal and household decisions are used extensively to integrate the concepts.

Means for Evaluation: Two exams, case workbook, class preparational discussion.

Class Limit: 15

Class Meetings: 9:00-11:00 MTTHF, and 1:00-3:00 MTH

First Session: 9:00, Monday, January 7, CR 316

EC 305-W WORKPLACE DEMOCRACY: THE ECONOMICS OF WORKER PARTICIPATION, OWNERSHIP, AND WORKER COOPERATIVES

Prerequisite: EC 211-212 or consent / Prof. Charles Rock/ Office CR 116

Employing relevant topics in economic theory and reasoning, the course will examine the growing assortment of experiments in worker participation such as quality circles, self-directed work terms, bonus plans, profit sharing, worker participation in decision making, employee stock ownership plans, and democratically structured cooperatives. Although we will emphasize historical and current experiments in the U.S., the lectures, readings and class discussions will also consider experiences in Spain (the Mondragon system), Israel (the Kibbutz), Italy (the large cooperative sector), and selected other countries as the interests of the students dictate. Some specific practical difficulties (e.g., financial, technological, organizational, and legal) faced by democratically structured businesses in a private property based, free market economy will be reviewed in order to evaluate the success of our examples in overcoming them.

Means for Evaluation: One exam, one short report, one longer research project and report (both written). Class participation.

Class Limit: 18

Class Meetings: 10:30-12:30, MTWTHF

First Session: 10:30, Monday, January 7, CR 220

EC 323-W MICROSIM

Prerequisite: EC 211, EC 212 and consent / Prof. Roy Meadows / Office: CR 308

Microsim is a computerized simulation designed to reinforce many important microeconomic concepts and provide an interesting framework for students to apply their newly acquired economic knowledge. In the simulation students are placed in the role of decision makers or managers of a firm in one or all of the conventional market structures: competition, monopolistic competition, oligopoly, and monopoly. In this environment students can experience how market forces influence firm behavior and strategy and how the process of dynamic market equilibrium adjustment operates. The computer results, in effect, serve as a laboratory illustration of the economic models and theories presented in the textbook.

Means for Evaluation: 2 exams, game participation, and other assignments.

Class Limit: 15

Class Meetings: 9:30-12:00, MWF

First Session: 9:30, Monday, January 7, CR 317

If the off-campus study in London cannot be conducted, the following
ALTERNATE COURSE
will be offered

EC 325-W GOVERNMENT, LABOR, MANAGEMENT INFLUENCES ON BRITISH ECONOMIC GROWTH

Prerequisite: EC 211, EC 212 / Prof. Donald W. Hill / Office: CR 115

An intensive seminar on British economic development and growth and the institutions' (government, labor unions and management) influence on this growth. The main objective is to determine how these institutions affected past economic development and growth of Great Britain through their policies, activities, decisions and predictions of future growth trends. Extensive library reading and research will be required and will form the subject matter of each seminar session. A formal research paper is required and will be discussed at the end of the term.

Means for Evaluation: Daily seminar participation and discussion of research findings; a formal research paper.

Class Limit: 12

Class Meetings: 9:00-11:30, MTWTF

First Session: 9:00, Monday, January 7, CR 112

EC 405-W INTERNATIONAL MONETARY RELATIONS

Prerequisite: EC 307 / Prof. Harry Kypraios / Office: CR 108

A study of the balance of payments, long term and short term capital movements, international equilibrium and the mechanism of adjustment, exchange rate variations and government intervention. The objectives of international monetary policies, international monetary standards, and international financial institutions will be examined.

Means for Evaluation: A paper, midterm and final exams

Class Limit: 16

Class Meetings: 10:00-12:00, MTWTHF

First Session: 10:00, Monday, January 7, CR 213

EDUCATION

If the off-campus study in London cannot be conducted, the following
ALTERNATE COURSE
will be offered

ED 280-W HIGH SCHOOL SPORTS: CONTEMPORARY ISSUES

Prerequisite: None / Prof. Deloit Cotanche / Office: Evening Studies Center

Students will become acquainted with some of the current problems facing high school athletic programs. The course will investigate current practices in public schools with respect to staffing of athletic programs, scope of athletic activities, and myths and realities with respect to secondary school sports programs.

Means for Evaluation: Students will be required to write a research paper and successfully complete a series of examinations.

Class Limit: 30

Class Meetings: Four days per week, 10:00-12:00. Students will make a series of visits to public schools.

First Session: 10:00, Monday, January 7, location TBA

ED 291-W DIRECTED OBSERVATION AND FIELD EXPERIENCE - REGULAR

Prerequisite: Education major / Prof. Linda DeTure / Office: Evening Studies Center, first floor

An opportunity for students interested in teaching to gain an insight into the education process as it exists in the schools. The course consists of two components: 1) directed observation and field experience, which requires the student to spend four hours daily in an assigned school; 2) development and practice of specific skills in the following areas: Communication Skills, Analyzing Classroom Verbal Interaction, Classroom Management, Analyzing Classroom Leadership Styles, Writing Behavioral Objectives, Developing Lesson Plans. An additional four hours per week beyond the field experience time is required. The course is open to freshmen, sophomores, and juniors.

Means for Evaluation: Daily log, preparation of lesson plans, analysis of a lesson presented, attendance and participation in field-assigned school, class attendance and participation, demonstration of class competency in skills.

Class Limit: 20

Class Meetings: Required orientation meeting, 4:30, Tuesday, Dec. 4 at Evening Studies Center, first floor, conference room. Jan. 8-31, 1:30-3:00 on Thursday.

First Session: 1:30, Tuesday, January 8, Evening Studies Center



ENGLISH

E 205-W THE ENGLISH LANGUAGE AND THE COMPUTER

Prerequisite: CS 150 or CS 160 or consent / Prof. Steve Phelan / Office: OR

This course is designed primarily for students with enough computer experience to write analytical and interactive programs for computer-assisted instruction (CAI) in the English language and especially composition.

The course will begin with a two-week intensive survey of basic linguistic theory and the units of language it defines (an abbreviation of English 205 in the regular catalogue). This will involve the rudiments of phonology, morphology, syntax, and semantics.

For English and education majors the survey should help build an understanding of the theoretical basis of language skills. Then they will be better able to distinguish those which they can enlist the computer to help teach from those which require a teacher's interpretation. For computer science majors this module should provide a good introduction for later courses in artificial intelligence or computational linguistics.

The second half of the term will be practical, concentrating on the design of programs which improve or expand the current English library program called NDRIV for students with grammar and composition problems. The programming for this course will obviously involve string manipulation, file management for string data, and CAI techniques.

Here is an opportunity to comprehend a theory, to invent technical ways to evaluate elementary features of the English language, and to help others. The programs you produce, if found to be effective, will become a part of the new writing laboratory at Rollins funded recently by the National Endowment for the Humanities.

Means for Evaluation: Participation (including quizzes and exercises) 25%, exam on the linguistic theory 25%, major programming project 50%

Class Limit: 10

Class Meetings: 2:00-5:00, MTWTHF for the first two weeks, 2:00-3:00 twice a week thereafter

First Session: 2:00, Monday, January 7, OR 105

E 207-W INSCAPES

Prerequisite: Instructor's consent / Prof. Judith Tarver / Office: OR 210

In an attempt to define the purposes of journal writing, students will read, analyze, and discuss the journal/diaries of eight literary figures. In addition, they will maintain an "Intensive Journal" in order to clarify feelings and develop individual beliefs. The students will be asked to share their journals with the class.

Means for Evaluation: Journal, critical paper, and class participation.

Class Limit: 10

Class Meetings: 11:00-1:30, MWF, additional discussion sessions will be scheduled when needed.

First Session: 11:00, Monday, January '7, Woolson House

E 280-W VERSECRAFT

Prerequisite: Enjoyment of wordplay / Prof. Alan Nordstrom / Office: OR 207

The study and practice of versemaking, mainly of traditional conventions employing meter, rhyme and formal pattern. A program to extend your appreciation of traditional poetic styles and techniques, while exercising your own verbal skill and wit in the emulation of such notable models as sonnets by Shakespeare and Keats, couplets by Pope and Swift, blank verse by Milton and Wordsworth. An opportunity to discover the surprising and paradoxical liberation that form gives to the imagination. An invitation to cavort with the muse of your choice. Class style: workshop and discussion.

Means for Evaluation: Regular reading and writing assignments, emphasizing productivity: perspiration before inspiration. Evaluation based on diligence, application, creative energy, and good, improving writing.

Class Limit: 12

Class Meetings: 10:00-12:00 MTWTHF

First Session: 10:00, Monday, January 7 in OR 201

E 285-W IF ONLY I HAD ENOUGH TIME TO READ . . .

Prerequisite: None / Prof. Cary Ser / Office: OR 107

All too frequently students and faculty find that the only books they can read during the year are books which are required for courses. This can lead to intense frustration and impossibly long reading lists during the summer. This course is intended for people who love to read and enjoy talking about what they read.

Means for Evaluation: Performance will be evaluated on the basis of what the students read and how much they read during the term. Credit/no credit.

Class Limit: 15

Class Meetings: 9:00-12:00 and 2:00-5:00 MTWTHF

First Session: 9:00, Monday, January 7, OR 101

E 320-W F. SCOTT FITZGERALD: THE MAN, THE WORKS

Prerequisite: Jr., Sr. status, consent / Prof. Philip Pastore / Office: OR 110

We will undertake an intensive study of F. Scott Fitzgerald's life and work. Students will be expected to have read The Great Gatsby and at least one short story prior to the first class meeting. Individual students will be assigned a biography of Fitzgerald during the first week and will report to the class the first Friday. From that point on we will discuss the novels as assigned both from a critical/literary perspective, and from a historical/biographical perspective, hoping to learn something about this complex, gifted, possibly tragic American writer.

Means for Evaluation: Extensive critical paper and class participation.

Class Limit: 10

Class Meetings: 10:00-12:00 MTWTF

First Session: 10:00, Monday, January 7, OR 106

E 321-W WILLIAM BLAKE

Prerequisite: Consent / Prof. Roy Starling / Office: OR 211

We will study Blake's life by surveying all of his major biographies with students having the option of studying one of these in detail; we will study all of Blake's shorter poems and a few of his minor "prophecies;" we will also look carefully at some of his paintings, designs, and illuminated manuscripts.

The objective of the course is to introduce interested students to the "whole person," the composite art of perhaps the most controversial, most outrageous, and most righteously indignant poet in English literary history.

Means for Evaluation: In-class presentations, a critical essay, and a final exam.

Class Limit: 12

Class Meetings: 9:00-11:30, MTTF

First Session: 9:00, Monday, January 7, OR 206

E 327-W EUDORA WELTY

Prerequisite: One other literature course and consent / Prof. Barbara Carson / Office: OR 208

Eudora Welty, perhaps the finest writer of fiction in America today, has described her artistic goal this way: "My wish, indeed my continuing passion, would be not to point the finger in judgment but to part a curtain, that in-

visible shadow that falls between people, the veil of indifference to each other's presence, each other's wonder, each other's human plight." However, her sense of the wonder of humanity has led her to no Pollyanna-ish vision. Her fictional world is filled with murder, attempted murder, rape, suicide, cruelty and ugliness in people, and harshness in nature. In spite of this, the dominant tone of Welty's work is a genial affirmation of life. Looking unflinchingly at the dark side of existence, she manages to say Yes to life, to discover good co-existing with evil, to see order in the midst of chaos, to create meaning out of apparent meaninglessness. Robert Penn Warren has said: "It is easy to praise Eudora Welty, but it is not so easy to analyze the elements in her work that make it so easy--and such a deep pleasure--to praise." Through close critical readings of her short stories and novels, we will explore those elements.

Means for Evaluation: The grade for the course will be based on a detailed journal, reflecting the student's thoughtful responses to the works and to the ideas presented in class, and on class participation.

Class Limit: 15

Class Meetings: 9:00-12:00, MTWTF

First Session: 9:00, Monday, January 7, OR 105

If the off-campus study in London cannot be conducted, the following
ALTERNATE COURSE
will be offered

E-WS 378-W FEMINIST SPIRITUALITY

Prerequisite: None / Prof. Rosemary Curb / Office: OR 108

Survey of attitudes toward women in patriarchal religions, especially Hebrew, Christian, Classical Greek; concepts of female as evil; archetypal associations of women's bodies with the natural/material world. Evidences of prepatriarchal goddess worshipping matriarchies. Current political implications of sexual polarization in fundamentalist Christian religions versus contemporary feminist goddess religions and witchcraft. Study and practice of rituals based on solar and lunar cycles, magic, psychic healing, consciousness raising, tarot, and goddess literature.

Means for Evaluation: Reading journal, essay examination, class participation, written reports.

Class Limit: 15

Class Meetings: 1:30-3:30 MTWTH

First Session: 1:30, Monday, January 7, OR 206

ENVIRONMENTAL STUDIES

ES 210-W A TALE OF TWO COASTS

Prerequisite: One course in science or environmental studies or consent / Prof. Joe Siry / Office: Shell Museum

A seminar incorporating field work and detailed readings concerning the global significance and local expressions of coastal conservation. The natural and cultural communities of Florida's North Atlantic and Gulf shores, the Gold Coast, Everglades and Keys will be studied in relation to recent growth, historic ecology, energy demands, water pollution, and national land use planning. The literature, lore and law of the coast as manifest in wildlife preservation in Florida is a special focus. Weekly field work.

Means for Evaluation: Pretest, term paper, field practical and final examination.

Class Limit: 20

Class Meetings: 1:00-3:00, MTWTH

First Session: 1:00, Monday, January 7, BU 210

ES 222-W ALTERNATIVES TO CHEMICAL AGRICULTURE

Prerequisite: None / Prof. Barry Allen / Office: Shell Museum

This course will explore the philosophical and technical underpinnings of ecologically sound agricultural practices. We will explore the development of agriculture as an arm of the chemical industry and explore practical alternatives. The class project will be the creation, by the students, of an organic garden on the Rollins campus.

Means for Evaluation: There will be one paper to relate the class project to the readings and one report on the project itself. Credit/no credit.

Class Limit: 12

Class Meetings: 1:00-3:00 MTWTHF

First Session: 1:00, Monday, January 7, BU 114

FOREIGN LANGUAGES

CL 221-W HELEN OF TROY: EURIPIDES AND THE TROJAN WAR

Prerequisite: None / Prof. John Heath / Office: HK 208

Did Troy really exist? Was it besieged by a band of Greeks attempting to recover the most beautiful woman in the world? The first week of this course will be an attempt to answer these questions. Students will read and discuss the literary, artistic, and archaeological evidence for Helen and the Sack of Troy. The next two weeks will be taken up reading, analyzing, and discussing the literary treatment of Helen and five other women whose fates were determined by the Trojan war in six plays of Euripides, the last of the great Athenian tragedians. In the final week students will present oral reports on outside reading and work on written projects. Texts to be read include Homer's *Iliad*, Euripides' *Helen*, *Andromache*, *The Trojan Women*, *Iphigenia in Aulis*, *Iphigenia in Tauris*, and selections from the *Odyssey*, *Aeneid*, Greek and Roman mythographers, poets, and orators, and modern secondary material. There will be frequent slide presentations and at least one film.

Means for Evaluation: Attendance, class participation, exam, oral presentation, and a final 10-page paper.

Class Limit: 16

Class Meetings: 9:00-12:00, MWF

First Session: 9:00, Monday, January 7, CR 221

FL 140-W EASTERN EUROPEAN WRITERS

Prerequisite: None / Prof. Vassily Efimov / Office: Hauck Language Lab

An intensive study of prominent fiction writers from Czechoslovakia, Poland, Rumania, the USSR, and East Germany, all widely acclaimed for their innovativeness in approaching the post-World War II realities of Eastern Europe. The peculiar functions and roles of the writer as well as of the various forms of censorship in the literary process in these countries will be discussed. We will also analyze the literary values underlying these works and the problem of literary forms such as stream-of-consciousness, fantastic and magic realism, satirical-sociological prose, and allegory.

Means for Evaluation: Quizzes on reading assignments, participation in class discussion, a final term paper.

Class Limit: 20

Class Meetings: 4:00-6:45 MTWTH

First Session: 4:00, Monday, January 7, HK 100

FR 142/342-W EXISTENTIALISM AND LITERATURE: MALRAUX, CAMUS, SARTRE

Prerequisite: FR 202 or equivalent for advanced French credit / Prof. Kathleen Johnson / Office: HK 103

This course will explore the philosophical, literary and political implications of what came to be known as Existentialism in the essays, novels, and plays of three major French writers. Such "existential" issues as the definition of the individual and his/her relation to others and the problems of freedom, action, and death will be especially emphasized both as general problems and in terms of the distinctive, individual formulation of each writer. Since Existentialist writers tended to rely heavily (and in spite of Plato) on fiction and theater to disseminate and illustrate their philosophical theses, special attention will be given to the relationship between literature and philosophy, that is, the transformation of philosophical theses when they are presented in the context of literary fictions. Taught in English. French majors will read in French; others will read texts in translation.

Means for Evaluation: Class attendance, participation in discussion, an oral report on related topic or outside reading. Final written exam.

Class Limit: 15

Class Meetings: 9:00-12:00, MWF

First Session: 9:00, Monday, January 7, HK 102

If the off-campus study in Paris
cannot be conducted, the following
ALTERNATE COURSE
will be offered

FR 171/471-W THE FRENCH CINEMA

Prerequisite: None / Prof. Richard Lima / Office: HK 101

The French cinema has been among the most varied, acclaimed and innovative in the world. This course is designed to allow students the opportunity of exploring these attributes through critical readings and film viewings. Students will read critical works on film figures such as Goddard and Truffaut and analyze the films viewed. A final paper encompassing the cinematographic techniques, production, direction, acting and innovation found in the films of these French filmmakers will be required. French majors who wish credit for the 400 level must write their papers in French. The films to be viewed will be dubbed or with subtitles so that students with no background in French can also participate.

Means for Evaluation: Students will be required to attend the screenings of each film and participate in classroom discussions. Discussions will be based not only on the films viewed, but on the readings. Grades will

be based on attendance, participation and the final paper (10-15 pages, in French or English). The final paper must be an analytical research paper that incorporates works which are not on the assigned reading list.

Class Limit: 25

Class Meetings: 1:00-4:00, MTWTH

First Session: 1:00, Monday, January 7, HK 100

If the off-campus study in Munich and Vienna cannot be conducted, the following

ALTERNATE COURSE
will be offered

GN 341-W GERMAN NOVELLE

Prerequisite: German majors GN 201, GN 202; none for others / Prof. Peter Bonnell / Office: HK 206

Discussion and analysis in depth of the genre of the German *novelle* together with representative works from German literature of the 19th and 20th centuries. The course is geared to both German majors and those without a knowledge of German. The former will read the works in the original, the others in translation. However, German majors will have a reduced reading load.

Means for Evaluation: There will be regular homework assignments, both written and oral, weekly written reports and a final term paper. No final examination.

Class Limit: 15

Class Meetings: 1:00-3:00 MTWTHF

First Session: 1:00, Monday, January 7, location TBA

If the off-campus study in Russia cannot be conducted, the following

ALTERNATE COURSE
will be offered

RN 221-W RUSSIAN FOLKLORE (C)

Prerequisite: None / Prof. Alexander Boguslawski / Office: HK 205

A study of Russian folklore with special emphasis on Russian fairy tales, heroic epic, folk art, and mythology. Through readings, slide presentations,

and lectures, the students will learn how to interpret and understand the most important aspects of Russian folk culture. The course will also point out certain similarities between Russian folklore and folk culture of other nations. Taught in English.

Means for Evaluation: One final paper will be required (topic to be selected by the student and the instructor). There will also be a final exam. Homework assignments will consist of readings and short oral reports and will be checked in class by short tests.

Class Limit: 20

Class Meetings: 9:00-11:30, MWF

First Session: 9:00, Monday, January 7, location TBA

SH 203-W "HOW DO YOU SAY THAT IN ENGLISH?" SPANISH TO ENGLISH TRANSLATION FOR THE INTERMEDIATE AND ADVANCED STUDENTS

Prerequisite: Spanish 201 or its equivalent / Prof. R.A. Kerr / Office HK 204

Translating is an acquired skill that demands familiarity with the vocabulary, syntax, grammatical structures and idiomatic nuances of two languages. Students in this course can improve their command of both Spanish and English through a series of individual and group translation projects that will progress from magazine and newspaper assignments to the translation of short literary works. As a major class project students will work together to complete a translation of a contemporary Latin American play.

Means for Evaluation: There will be regular homework assignments, both written and oral, weekly written reports and a final term paper. No final examination.

Class Limit: 15

Class Meetings: 9:00-12:00 MTH

First Session: 1:00, Monday, January 7, HK 100

SH 271-W THE SPANISH PLAYERS

Prerequisite: SH 201 or proficiency in reading a play in Spanish, consent / Prof. Fidel López-Criado / Office: HK 202

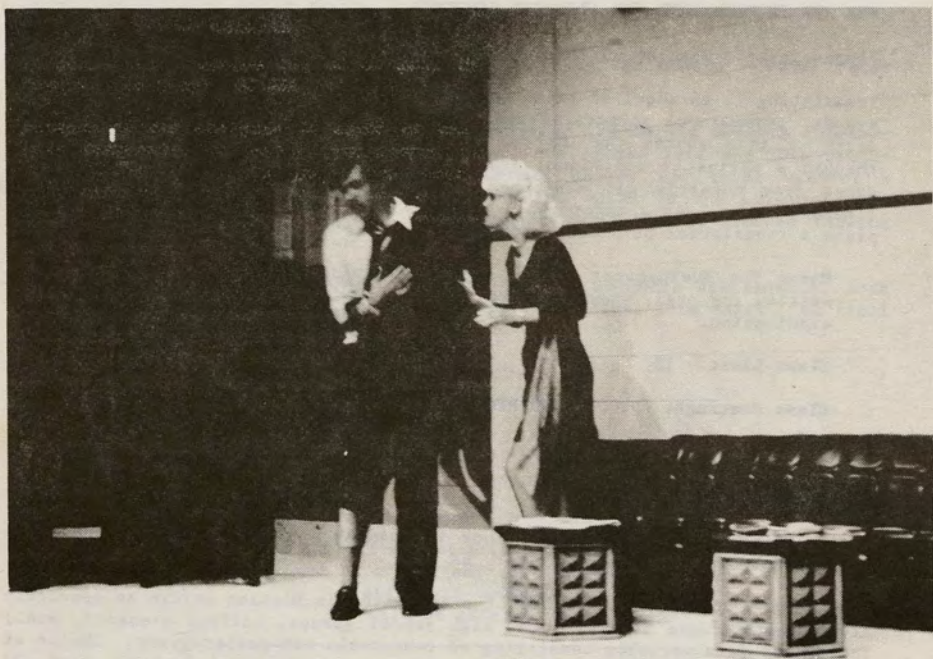
This is one of an annual series of plays given in Spanish before an appropriate audience (Casa Iberia, local high school groups, college students, etc.) The course is a workshop consisting of rehearsals and preparations. Choice of play depends on: 1) opportunity for student participation, and 2) enrollment. Aesthetic and literary considerations are secondary, with the primary purpose being improvement of linguistic skills. Students should register only if they are absolutely certain of remaining enrolled, since the play selection will be based on the enrollment figures. This course may be repeated for credit.

Means for Evaluation: Evaluation based on instructor's assessment of cooperation, memorization of lines and overall performance.

Class Limit: 10

Class Meetings: 9:00-12:00, rehearsals daily (except Wednesday, unless needed)

First Session: 9:00, Monday, January 7, in HAUCK AUD



HISTORY

H 191-W HITLER: A STUDY IN TYRANNY

Prerequisite: None / Prof. Barry Levis / Office: PAB 106

In this examination of the career of Adolf Hitler and the forces which shaped his life, we will attempt to make sense out of the Hitler enigma. Students will explore his biography and then produce specialized studies of particular aspects of the Nazi era. We will endeavor to arrive at some understanding about what prompted Hitler in his quest for power and what motivated the German people to turn to Nazism as a solution to their national problems. Finally, students will explore the international consequences of Hitler's rule and the Nazi movement. Some class time will be devoted to the development of research techniques.

Means for Evaluation: The final grade in this course will be based on student performance in class discussion (25%), an examination covering the assigned readings (25%), and a research paper utilizing primary and secondary sources (50%).

Class Limit: 20

Class Meetings: 9:00-11:30, MTWTF for the first two weeks. During the third week the class will not meet while students work on their research papers. The final week will be devoted to presentations of paper synopses.

First Session: 9:00, Monday, January 7, OR 205

H 194-W WATERGATE: WHAT WAS IT? WHAT DOES IT MEAN?

Prerequisite: None / Prof. Jack Lane / Office: PAB 26

This course will reconstruct the Watergate crisis and then explore its implications for contemporary American society. During the first week we will construct a list of characters and develop a chronology of events. During the second, third, and fourth weeks we will explore the political, constitutional, and moral implications of Watergate.

Means for Evaluation: Test, homework assignments, written reports, research paper.

Class Limit: 20

Class Meetings: 9:00-12:00 MTWTF

First Session: 9:00, Monday, January 7, PAB 18

H 247-W RACE IN AMERICAN HISTORY

Prerequisite: Consent / Prof. Gary Williams / Office: PAB 25

To understand doctrines, attitudes, and practices of white racial supremacy in American history, we must trace the development of what one historian has called "the black image in the white mind." This image, which incorporates mental/intellectual, physical/sexual, and moral/spiritual traits, has been the product of numerous attempts, formal and informal, to delineate the "character" of Afro-Americans. White Americans have developed images of other minorities (Indians, and various immigrant and ethnic groups) as well. In this course we will examine, among other topics, the origins of racial images in the colonial era, the relationship between race and slavery from the seventeenth to the nineteenth century, "scientific" theories about racial characteristics, the liberal response to racism, and contemporary racial attitudes.

Means for Evaluation: Course readings will include three paperbacks and perhaps six to eight articles on reserve in the library. Short papers and written homework will be assigned, class participation will be evaluated, and a comprehensive final examination will be given.

Class Limit: 20

Class Meetings: 2:00-3:45, MTTHF, several informal required evening sessions.

First Session: 2:00, Monday, January 7, OR 205

H-AU 250-W AUSTRALIA: A FRONTIER THEME WITH A DIFFERENCE

Prerequisite: None / Prof. John Ryan / Office: PAB

A study of the European exploration and settlement of the interior of the Australian continent and its significance for the outworking of Australia's economic, political, social and cultural history. The application of F.J. Turner's frontier thesis to the Australian context will be considered, but the course will concentrate on the distinctive elements in the Australian theme.

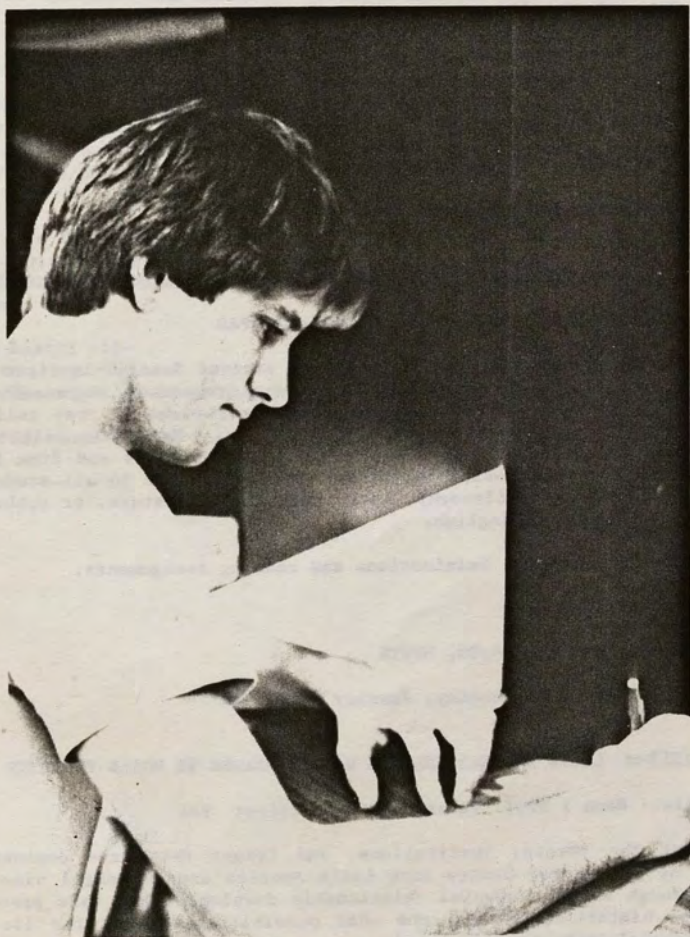
The constellation of ideas, values and attitudes surrounding the 'bush frontier' experience, which, it has been argued, developed a political ideology, a distinctive culture and a national identity will be examined. The historical work around which the course will be built will be that of Russel Ward, developed in his book "The Australian Legend." This will be the basic reference to which all students should have access. Critical assessment of this book will be provided and some comparison with the Turner thesis as it applies to American history will be made at the end of the course. A reading list will be provided and (if possible) a selection of Australian films will be shown to supplement certain topics.

Means for Evaluation: Class participation, tests or papers, final exam.

Class Limit: 20

Class Meetings: 1:00-3:00 MTWTH

First Session: 1:00, Monday, January 7, PAB 18



LATIN AMERICAN AND CARIBBEAN AFFAIRS

LACA 205-W HISTORY OF LATIN AMERICA (C)

Prerequisite: None / Prof. Fernandez / Office: PAB

An introductory course which surveys the history of Latin America (excluding the Caribbean region) from 1492, Columbus' discovery of the Americas, until today. The course will concentrate primarily on the history of Mexico, Colombia, Peru, Chile, Argentina, and Venezuela. Taught in English.

Means for Evaluation: Class participation, homework assignments, quizzes and final examination.

Class Limit: 20

Class Meetings: 3:00-5:00 MTWTH

First Session: 3:00, Monday, January 7, PAB 2

LACA 295-W INDIAN PHILOSOPHY AND THOUGHT IN THE SPANISH AMERICAN CULTURE (C)

Pre-Req: None / Prof. Braulio Muñoz / Office: PAB

This course underscores the Indian legacy to present Spanish-American society and culture by focusing on pre-Columbian world views, mostly Mayan, Incan, and Aztec, and following the trajectory of such world views as they collide and interface with European culture in Latin America. Materials will be drawn from Nahuatl, Mayan, and Incan philosophies and theologies and from Spanish-American literature and social research. Course is open to all students; no previous background in philosophy, Latin American literature, or anthropology is necessary. Taught in English.

Means for Evaluation: Examinations and reading assignments.

Class Limit: 20

Class Meetings: 1:00-4:00, MTWTH

First Session: 1:00, Monday, January 7, PAB 20

LC-PO 217/317-W LATIN AMERICA AND THE UNITED STATES IN WORLD POLITICS

Prerequisite: None / Prof. Federico Gil / Office: PAB

A survey of the events, institutions, and issues that have dominated the relations of the United States with Latin America and a general view of the process through which a special relationship developed, how this process was affected by historical events, and what possibilities exist for its future course. Special emphasis will be given to contemporary issues and problems in the Caribbean and Central America.

Means for Evaluation: Tests, written assignments, and class participation.

Class Limit: 20

Class Meetings: 9:30-12:00, MTWTH

First Session: 9:30, Monday, January 7 PAB 20

LC-PO 225-W PROBLEMS AND PROSPECTS OF LATIN AMERICA (C)

Prerequisite: None / Prof. Luis Valdés / Office: PAB 22

A topical survey of socio-economic-political problems related to the implementation of programs to bring about more effective and rational resource utilization and higher levels of living to the peoples of Latin America. Concurrently, to clarify the geographic, economic, social, and political factors that condition the potential for achieving greater development in Latin America.

Means for Evaluation: Written critiques and oral discussions of the required readings and objective testing of the same; class attendance and participation; a final research paper on a problem of development in Latin America.

Class Limit: 15

Class Meetings: 2:00-4:30 TWTH

First Session: 2:00, Tuesday, January 8, PAB 13

MATHEMATICS

M 110-W APPLIED CALCULUS II (Q)

Prerequisite: M 110 and Consent / Prof. Gloria Child / Office: BU 330

Intended for students of M 110 who plan to take M 112 in the spring. Topics: trigonometric functions, inverse functions, chain rule, derivatives of periodic functions, mean value theorem, applied max/min problems, differentials, implicit differentiation, motion, velocity and acceleration. This course carries 1 course unit.

Means for Evaluation: Three tests and a number of quizzes.

Class Limit: 30

Class Meetings: 9:00-11:30, MWTF

First Session: 9:00, Monday, January 7, BU 234

M 196-W LINEAR PROGRAMMING

Prerequisite: None / Prof. Ralph Naleway / Office: BU 329

An introductory course in the mathematical methods used in solving certain management problems. Considerable emphasis will be given to the simplex method for solving these problems. The basic transportation and assignment problems will be investigated as special cases. This is an applied mathematics course of interest to students of business, mathematics, and computer science. Computer demonstrations and computer learning modules will be available.

Means for Evaluation: Two tests, homework assignments and class participation will determine the student's grade.

Class Limit: 20

Class Meetings: 9:00-12:00 MTWTF

First Session: 9:00, Monday, January 7, BU 114

CS-M 297-W INTRODUCTION TO DISCRETE MATHEMATICS (Q)

Prerequisite: CS 260 and one term of calculus / Prof. Alexandra Skidmore / Office: BU 329D

See course description under **Computer Science**, p. 36

M 325-W TOPICS IN LINEAR ALGEBRA AND MATRIX ANALYSIS WITH APPLICATIONS

Pre-Req: M 321 / Prof. James Wahab / Office: BU 329

A continuation of M 321 including Hermitian, unitary and normal matrices, quadratic forms, constrained maxima, Jordan and Hessenberg forms, generalized inverses with applications to differential equations, linear models, and the design and analysis of experiments.

Means for Evaluation: Two tests and homework assignments.

Class Limit: 20

Class Meetings: 9:00-12:00, MTWTHF

First Session: 9:00, Monday, January 7, location TBA

MUSIC

MU 196-W MUSIC FOR BEGINNERS OR "THEY LAUGHED WHEN I SAT DOWN TO PLAY . . ."

Prerequisite: No formal musical instruction and Consent / Profs. Bill Gallo and Sylvia Reynolds / Offices: KEENE

Often students with no musical background wish to experience music through playing. The Music Department is offering these students a chance to develop musical skills through piano, recorder and autoharp playing, as well as through music theory study. It is the goal of this course to develop musical skills sufficient to complete **Music for the Classroom** (a group piano method book) and to play recorder in three keys within a ten-note range.

Means for Evaluation: Evaluation will be based upon: class involvement (attendance and participation), written tests on keyboard, recorder, autoharp and music theory, applied tests on playing skill, and reports on concert attendance.

Class Limit: 24

Class Meetings: Classes will meet three times per week and consist of one thirty-minute theory lesson followed by one fifty-minute keyboard lesson and one fifty-minute lesson in recorder/autoharp. In addition, the student will have one hour of practice scheduled Monday through Friday.

First Session: 9:00, Monday, January 7, KE 102

MU 225-W BACH: HIS LIFE AND MUSIC

Prerequisite: Rudimentary knowledge of music skills or a 100-level music course / Prof. Ward Woodbury / Office: KE 105

An introduction to the life and works of J.S. Bach as approached through the study of works to be presented at the annual Bach Festival in Knowles Memorial Chapel in late February.

Means for Evaluation: Identification tests based on outside listening assignments. Essay exams on reading material. Written review of Bach Festival. Final grades will be given after the review is received, no more than one week following the Festival.

Class Limit: 15

Class Meetings: 2:00-4:00, TWTH, 7:30-9:30, Monday evenings

First Session: 7:30 p.m., Monday, January 7, KE 102

PHILOSOPHY AND RELIGION

PH 160-W PHILOSOPHY OF SPORT

Prerequisite: None / Prof. Christopher Cordner / Office: FH 203

Sport plays an important part in the lives of many of us. In this course, we will try to discover why it does so by examining the phenomenon of sport from a philosophical perspective. We will consider the perspective of both participants and spectators. We will also examine the function of sporting events in society.

Means for Evaluation: Two tests and a term paper.

Class Limit: 20

Class Meetings: 9:30-11:30, MWF

First Session: 9:30, Monday, January 7, KMC 2

PH 379-W WORKSHOP ON PHILOSOPHICAL EDITING: THE COLLECTED PAPERS OF BRUCE B. WAVELL

Prerequisite: Consent / Profs. Sara Ketchum, Arnold Wettstein and staff / Office: French House

This course will provide a unique opportunity for students with background in philosophy to work with faculty on a common project and to participate in the process of scholarly editing. Members of the Philosophy and Religion Department will be collecting and editing the papers of Bruce B. Wavell, former William R. Kenan, Jr. Professor of Philosophy, whose central interest was in the "natural logic" of language, that is, ordinary discourse. Students who elect the course will be expected to participate in the meetings/seminars and will be responsible for a selected portion of the manuscripts as well as an individual project. The project will consist of a plan for a collection of Dr. Wavell's papers on subjects or themes chosen by the student, an editorial introduction, a bibliography, and a brief summary of each article.

Means for Evaluation: Written abstracts of papers, editorial introduction, seminar participation.

Class Limit: 10

Class Meetings: 9:00-12:00, MWF, location TBA

First Session: 9:00, Monday, January 7

R 117-W JEWISH HOLIDAYS AND FESTIVALS (C)

Prerequisite: None / Prof. Nadine Posner / Office: FH 104

In addition to shedding light on their religious ideals and customs, study of

the unique way in which the Jewish people have interacted with the physical and social environments within which they lived for millenia. This course will explore the historical contexts in which the major Jewish holidays have developed in an attempt to trace the role of various elements of belief, ritual, and symbolism involved in traditional Jewish observances. Both the biblical and rabbinic foundations for these holidays will be considered within the milieus which nurtured them.

Means for Evaluation: In addition to being quizzed on the readings, students will write a paper and a take-home examination. Evaluation will also consider student participation in class discussions on the course's seven texts and handouts.

Class Limit: 20

Class Meetings: 9:00-12:00, MWF

First Session: 9:00, Monday, January 7, French House

R 281-W INTERNSHIP IN CREATIVE MINISTRY

Prerequisite: Sophomores, Juniors and Seniors / Prof. Arnold Wettstein /
Office: Chapel Services - CHAPEL A

Students interested in experiencing a form of ministry in a local church or synagogue during the Winter Term and thus giving expression to their own creativity and care, are invited to apply for an internship. Each student would be involved in youth or some adult ministry in a church or synagogue, under the supervision of a member of its staff. Typically, a twenty-hour week would include meetings with the church youth or other groups, adviser meetings, counselling time, visitation, and office hours including planning and consultation with the staff member. The academic component of the course will include a reading list of approximately 1,000 pages, both theological and secular, including works to better understand the persons whom the ministry engages and the faith tradition of the church or synagogue. The intern will meet weekly with Arnold Wettstein, Dean of the Chapel.

Means for Evaluation: The course will be graded on a Credit/No Credit alternative based on 1) the supervisor's report, 2) weekly sessions with the faculty sponsor, and 3) a journal including daily observations and a summary, at the close, of what was learned. The reading lists and other specifications are to be submitted by the student as an independent study proposal. Interviews with the supervisor and faculty sponsor will be held in the fall term.

Class Limit: 10

Class Meetings: TBA

First Session: TBA

PHYSICS

P 105-W ASTRONOMY - HALLEY'S COMET

Prerequisite: None / Prof. John S. Ross / Office: BU 115

The return of Halley's Comet in 1985-86 provides a once in a lifetime opportunity to actually view this phenomenon. The objective of this course is to acquaint students with the nature of comets, their detection and observation and their importance in cosmic evolution. The life of Halley (1656-1742) and his contemporaries will be studied. The first part of the course will be devoted to a discussion of selected readings and the building up of a background in solar system astronomy. Each student will then select a specific topic, research appropriate material and make an oral presentation to the class.

Means for Evaluation: Active participation in class discussions, the oral presentation of the research topic and the instructor's personal evaluation of progress.

Class Limit: 12

Class Meetings: 9:00-12:00, MTWTHF for the first two weeks. Presentations as scheduled during remainder of course.

First Session: 9:00, Monday, January 7, BU 105

P 250-W MICROCOMPUTER STRUCTURES AND APPLICATIONS

Prerequisite: Good working knowledge of BASIC; experience with another computer language would be useful, but it is not required. Sophomore or above preferred but freshmen may be considered. Consent. / Prof. Robert Carson / Office: BUSH 124

With the explosive growth of microcomputers comes the confusing array of 8-bit, 16-bit, and 32-bit microprocessors; new versions of input/output devices; and various applications software. Our main objective will be to look at microcomputer architecture in general in order to understand both the underlying design logic and the way microprocessors communicate with the external world. Specific hands-on applications of what we learn center on the 6502 microprocessor in the Apple II microcomputer family and the following hardware: the mouse, graphics tablet, digitizer, voice and music synthesizers, sprite graphics board, and joysticks. We will learn the use of applications programs such as animators, voice and music construction sets, and high resolution color graphic designers, all complemented with many utility programs. This course is suitable for science, mathematics, and computer science students.

Means for Evaluation: There will be several quizzes, programming exercises to hand in, and a term project to demonstrate mastery of some of the hardware and software studied. The term project requires a written report and demonstration.

Class Limit: 12

Class Meetings: 9:00-11:00, MTHF during the first two weeks, several group meetings during the last two weeks.

First Session: 9:00, Monday, January 7, BU 123



POLITICS

PO 125-W POLITICS AND CULTURE IN THE MIDDLE EAST (C)

Prerequisite: None / Prof. William Spencer / Office: PAB C4

An introduction to the politics and social organization of the Middle East, including North Africa, studied in its Islamic cultural setting. The course deals with a contiguous group of countries, from Morocco to Pakistan. Their political systems vary but they share a common history, culture and values based on the religion of Islam. The course examines the Islamic cultural heritage and the dilemmas for Islamic peoples caused by 20th-century social and political change. Change is particularly difficult for these peoples since there is no separation between church and state. The impact of change on them will be studied through analysis of specific change agents - technology, foreign political control, secular ideologies (e.g. Marxism), Western-model materialism.

The course is organized to emphasize the visual aspect of Islamic culture with extensive use of films and other A/V materials. Objectives are: to introduce students to a foreign culture; to develop students' ability to make valid cross-cultural comparisons and ability to function effectively under a different political system from their own, with some basic understanding of its problems, strengths, and weaknesses.

Means for Evaluation: Two written tests, one or more oral and written reports on particular topics involving problems of Islamic politics.

Class Limit: 30

Class Meetings: 1:00-3:00, MWTH

First Session: 1:00, Monday, January 7, PAB 19

PO 210-W THE REAGAN PRESIDENCY

Prerequisite: PO 160 or consent / Prof. Thomas D. Lairson / Office: PAB 22-A

Ronald Reagan is widely regarded as having made major changes in American politics. There are sharply different perspectives on the merits of his policies and their ultimate consequences. We will examine these arguments in four policy areas: economic policy, environmental policy, civil rights policy, and national security and foreign policy. Examples of the questions we will attempt to answer include: Have the tax cuts provided the basis for a return to prosperity or have they bankrupted the federal government in the process of increasing welfare for the rich? Has James Watt removed the shackles from the environment and the resources of America or has he opened the door to environmental devastation? Has equal opportunity really been achieved or has racism been given a new legitimacy? Has American power and security been restored or has a new arms race and a march toward war been started?

Means for Evaluation: Students will prepare four short (2-3 pages) reaction papers addressing the issues relating to each policy area. Classroom attendance and discussion of the readings will be emphasized.

Class Limit: 15

Class Meetings: 10:00-12:00, 4 days per week

First Session: 10:00, Monday, January 7, PAB 19

PO 215-W QUEST FOR COMMUNITY

Prerequisite: None / Prof. Richard Foglesong / Office: PAB 22-B

This course examines the quest for community in contemporary American society. Recognizing the longing many people feel for community, we will explore whether there is any way of conceiving and evaluating community that is relevant to the needs of an advanced industrialized society and not an attempt to return to the past. To avoid romanticizing community we will ponder its dark side: the limitations on personal freedom, the burdening weight of tradition, and the fettering of the rational self that have been its frequent concomitants. But so too will we consider the forces--political, economic and technological--that have obstructed the realization of community and perverted its forms. In examining alternative concepts of community we will consider those emanating from the libertarian right and the socialist left as well as the high technology "electronic cottage" model of community. Course readings will be drawn broadly from the social sciences.

Means for Evaluation: Three five-page essays

Class Limit: 20

Class Meetings: 10:30-12:00, MTWTH

First Session: 10:30, Monday, January 7, PAB 13

PO 220-W WOMEN AND POLITICS

Prerequisite: None / Prof. Laura Greyson / Office: PAB 23

For centuries, students of politics argued that women made bad citizens. They might make good wives and mothers, but they were not suited for political life. Modern times have brought with them a new emphasis on equality--and consequently a new concern with the equality of women. This course will examine the growth of the women's movement in the context of changing perceptions of the nature of women and their place in the community. How does the changing status of women affect the relationship between men and women, parents and children, family and community? Readings on the women's movement, feminist thought, and the history of women will address these questions.

Means for Evaluation: One short paper (3-5 pages), one longer paper (5-7 pages), and a final exam. Class participation will be stressed heavily

and will count toward a final grade.

Class Limit: 20

Class Meetings: 9:00-12:00, MTWTH

First Session: 9:00, Monday, January 7, PAB 21

LC-PO 225-W PROBLEMS AND PROSPECTS OF LATIN AMERICA

Prerequisite: None / Prof. Luis Valdés / Office: PAB

See course description under **Latin American and Caribbean Affairs (LACA)**, p. 57

LC-PO 217/317-W LATIN AMERICA AND THE UNITED STATES IN WORLD POLITICS

Prerequisite: None / Prof. Federico Gil / Office: PAB

See course description under **Latin American and Caribbean Affairs (LACA)**, pp. 56-57

PSYCHOLOGY

PY 110-W MASS MEDIA INTRODUCTIONS TO PSYCHOLOGY

Prerequisite: None / Prof. Roger D. Ray / Office: PAB 13C

This course reviews a select number of commercial and/or public television portrayals and interpretations of psychological knowledge or research. A critical analysis of these portrayals is accomplished by reviewing original literature upon which the portrayals are based and by writing critiques of content. Relations between communications or format and the content being communicated are also explored as psychological processes. Thus the course spends some of its time on the applications of psychology to the communication acts.

Means for Evaluation: 2-3 content tests, 4-5 short essays and research paper assignments.

Class Limit: 25

Class Meetings: 1-2 hours per day video viewing, 1-2 hours per day discussion - 1:00-3:00, MTWTHF

First Session: 1:00, Monday, January 7, PAB 10

PY 382-W ADVANCED DEVELOPMENTAL PSYCHOLOGY

Prerequisite: PY 238 or consent / Prof. Robert Thompson / Office: PAB

Students spend nine hours each week in direct contact with young children learning how to program activities for their individual needs. Emphasis is also placed on modeling feelings and introducing stress management techniques.

Means for Evaluation: Student's performance in Child Development Center, homework assignments and written reports.

Class Limit: 6

Class Meetings: 3 hours per day, MTWTHF. Individual meetings with Instructor and Child Development Lab teacher on Thursday and Friday.

First Session: 1:00, Monday, January 7, Child Development Center

SCIENCE

SC 103-W THINKING AND PROBLEM-SOLVING (V)

Prerequisite: None / Prof. Donald Mansfield / Office BU 213

Problem-solving is encountered in numerous courses, particularly in the sciences, and in everyday life. This course examines strategies and approaches used in solving a wide range of problems. By practicing with specific problems, we will work to develop skills such as recognizing and breaking conceptual blocks, generating ideas, selecting criteria for acceptable solutions, representing problems with various models and languages, evaluating and analyzing information and making decisions. Problems will range from rather well-defined puzzles, mind teasers and "word problems" to "open-ended" problems in which values (such as personal problems and design problems) impinge on the problem solving process. Hypothesis testing skills will be developed and applied to a variety of problems. Although some important concepts in science will be developed, the focus of the course is on processes used in thinking rather than on products of thought in any specific discipline.

Means for Evaluation: Tests, class participation, written and oral reports.

Class Limit: 15

Class Meetings: 9:00-11:00 MTWTH

First Session: 9:00, Monday, January 7, BU 218

SC 270-W WEATHER AND CLIMATE

Prerequisite: None / Prof. Ed Scheer / Office: BU 230

Covers the description, causes, prediction, geographic distribution and effects of weather and climate. Special emphasis will be given to the Pleistocene ice age and the interactions between man and climatological changes including desertification, the greenhouse effect and possible future climates.

Means for Evaluation: Four exams, class report, and class participation.

Class Limit: 20

Class Meetings: 9:30-11:30, MTWTH

First Session: 9:30, Monday, January 7, BU 207

THEATER ARTS, SPEECH AND DANCE

TA 135-W COMEDY - TAKING LAUGHTER SERIOUSLY

Prerequisite: None / Profs. Joseph Nassif and Robert Juergens / Office: ART

An examination of comedy in theory and practice; a survey of the classic treatises on comedy by Aristotle, Henri Bergson, George Meredith, Sigmund Freud and Max Eastman; film, cassettes, and recordings of various types of comedy; performance of short scenes and improvisations in class. No prior performance experience necessary.

Means for Evaluation: Daily reading assignments, participation in scene and exercise performances, investigative paper and final examination.

Class Limit: 20

Class Meetings: 10:00-12:00, 4 days per week

First Session: 10:00, Monday, January 7, FST

TA 159/359-W THEATER PRACTICE

Prerequisite: Consent / Prof. Dale Amlund / Office: ART

A practicum designed to serve the specialized needs of students of theater. The course will involve morning class discussions of the historical development of the various elements of production, to include scenic design and construction, costuming, lighting, etc., and their relative contribution to the collaborative art of theater. Practical application of theory and principle will occur during afternoon and evening laboratory periods with direct participation in preparation and mounting of the winter term production.

Means for Evaluation: Work will be evaluated by using a structured form reviewed by the theater staff each week. The last week of the term involves in-depth evaluation including conferences with each student.

Class Limit: 25

Class Meetings: 10:00-12:00, 2:00-4:00, 7:00-10:00 MTWTF

First Session: 10:00, Monday, January 7, in ART Shop

TA 275-W BASIC TECHNIQUES OF TAP AND JAZZ DANCE FOR MUSICAL THEATER

Prerequisite: Consent / Prof. Robert Sherry / Office ART 105

An understanding of the techniques of tap/jazz dance. A study of how tap/jazz dance evolved as an American dance form and its application to American musical theater. Each class will begin with a dance warm-up designed to encourage strength, flexibility and coordination, followed by various dance

combinations and sequences (some from original shows).

Means for Evaluation: At the conclusion of the course, each student must demonstrate a proficiency in the basic techniques of tap/jazz dance for the musical theater, in the form of an open classroom presentation, which shall be adjudicated by faculty and peers.

Class Limit: 15

Class Meetings: Five one and one-half hour classes per week plus several hours of rehearsal each day.

First Session: 11:00, Monday, January 7, PAB

TA 292-W INTERMEDIATE BALLET AND CHOREOGRAPHY

Prerequisite: Consent or Ballet I / Prof. Ruth Mésavage / Office: HK 209

Designed for intermediate students who have successfully completed Ballet I or its equivalent, and who wish not only to consolidate their technical abilities, but also to learn the rudiments of choreography. Appropriate discipline, attitude, and attire are required and absences are not permitted. All students are expected to participate in both the technique and choreography classes, as well as learn other essentials of performance such as costuming and theatrical make-up. Choreography will progress from solo to group forms.

Means for Evaluation: Students will be evaluated daily in class on their preparation, attitude, and general presentation. Aptitude for choreography will be judged by the successful completion of assignments.

Class Limit: 15

Class Meetings: 2:30-4:30 MTWTF (rehearsal 4:30-6:30)

First Session: 2:30, Monday, January 7, in Ballet Studio, PAB

TA 345-W REGIONAL THEATERS: RETRENCHED OR REVOLUTIONARY?

Prerequisite: None required, TA 360 preferred / Prof. Steven S. Neilsen / Office: ART 106

A study of the tradition of American regional theater from its beginnings in Dallas in 1947 to its current contributions to Broadway. Non-profit, professional theater has been the single most significant type of theater in America, even surpassing Broadway. The course will examine its historical development, significant literary contributions and current management practices. During Winter Term, the Hippodrome State Theatre will be in residence at Rollins, enabling students to observe first hand the operation of a professional Equity company. This course is intended not only for majors who wish to gain a better understanding of this significant part of the industry,

but for any student desiring a complete and intensive exploration of this not-so-unique American institution.

Means for Evaluation: One test, one paper, one journal, class participation.

Class Limit: 15

Class Meetings: 9:30-11:30, TWTH; some additional meetings, including attendance at plays.

First Session: 9:30, Tuesday, January 8, CR B17



INTERDISCIPLINARY COURSES

IC 102-W PSYCHOLOGY OF COMPETITION

Prerequisite: Previous or current involvement in a competitive activity. This course does not count as an elective in psychology. / Prof. Gordie Howell / Office: EAFH

Aimed at helping student athletes to attain a higher level of self direction and self motivation in their chosen area of sports competition, the course will present a realistic view of some of the behavior and other obstacles that prevent success and will aid athletes to view athletic competition in a reasonable and proper perspective.

Means for Evaluation: Each student will prepare a plan of action for dealing with the stresses of competition, to include: daily worksheets of activities, personal motivational test results and problem solving with peer and instructor evaluation. Satisfactory completion of written assignments is expected.

Class Limit: 30

Class Meetings: 10:00-12:00 MTWTH

First Session: 10:00, Monday, January 7, Field House Classroom

IC 260-W SEARCHING AND CITING SCIENTIFIC LITERATURE

Prerequisite: C 220, B 121, P 202, M 111, ES 191-192 or consent / Prof. Marilyn Anderson with several professors advising / Office: Bush Library

Students in the sciences or science-related fields will develop a current awareness of the literature of science and the skills and methods necessary to search the literature in both print indexes and on-line computer data-bases.

Means for Evaluation: Students will keep a journal of their research experiences. They will have daily, individualized research projects, the results of which will be reported in writing and orally. Pre- and post-surveys of students' awareness of library resources will be conducted. The post-survey will be in the form of a final examination.

Class Limit: 12

Class Meetings: MW 1-3 hours class time (TBA), TTH 2-5 hours of lab (as needed) in BUSH Library

First Session: Monday, January 7, location TBA

DATES TO REMEMBER

OCTOBER 15-19

Registration for Off-Campus Studies

OCTOBER 29 - NOVEMBER 6

Pre-registration for Winter and Spring Terms

NOVEMBER 1

Deadline for Application to
Allied Health Sciences Program in Galveston

NOVEMBER 9

Deadline for Submitting
Independent Study Proposals to Department Heads

NOVEMBER 15

Deadline for Application to
Engineering Program at Washington University

JANUARY 7

Winter Term Begins

JANUARY 11

Last Day to Drop or Add a Course

JANUARY 17

Last Day to Withdraw Without Penalty

FEBRUARY 1

Winter Term Ends



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