

Winter 1990

# Rollins College Catalog Winter Term 1990

Rollins College

Follow this and additional works at: [https://scholarship.rollins.edu/catalogs\\_liberalarts](https://scholarship.rollins.edu/catalogs_liberalarts)

---

## Recommended Citation

Rollins College, "Rollins College Catalog Winter Term 1990" (1990). *College of Liberal Arts Catalogs*. 65.  
[https://scholarship.rollins.edu/catalogs\\_liberalarts/65](https://scholarship.rollins.edu/catalogs_liberalarts/65)

This Catalog is brought to you for free and open access by the College Catalogs at Rollins Scholarship Online. It has been accepted for inclusion in College of Liberal Arts Catalogs by an authorized administrator of Rollins Scholarship Online. For more information, please contact [rwalton@rollins.edu](mailto:rwalton@rollins.edu).

# Rollins College

---



---

Winter Term 1990







# 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.



---

## 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.

**FEDERICO G. GIL**, B.A., Instituto de la Habana, J.D., Doctor of Social Sciences, University of La Habana, Cuba. Dr. Gil, Keenan Professor Emeritus of Political Science at the University of North Carolina at Chapel Hill. A specialist on Argentina and Chile, as well as on U.S. foreign policy toward Latin America, Dr. Gil has received numerous awards and honors, including the Government of Chile bestowing on him the rank of Commander, Order of Merit Bernardo O'Higgins, the highest award given by that country. A prolific author, Dr. Gil also serves on the editorial boards of several professional journals and publishing houses. This Winter Term will be his sixth at Rollins, holding the Alfred J. Hanna Chair in Latin America and Caribbean Affairs. See LC-PO217W, *Latin America and the U.S. in World Politics*.

**NICHOLAS HELLMUTH**, A.B., Harvard University; M.A., Brown University; Ph.D. (Art History) Karl Franzens Universität. An internationally known archaeological photographer and film maker of the Pre-Columbian Maya of Mexico and Guatemala, Dr. Hellmuth's work has been featured in National Geographic films and art history monographs. Dr. Hellmuth is a Curatorial Affiliate at the Peabody Museum of Natural History at Yale University and is also a Research Associate in the Department of Anthropology at Washington University in St. Louis. This will be his third Winter Term at Rollins. See A-LC220W, *Art In Ancient Writing: Deciphering Mayan Hieroglyphs*.

**RONALD LIBERTUS**, educated at Macalester College, Presidio of Monterey, Windham College and the University of Minnesota with a concentration in Russian Language, Literature and Studies, a major focal point of Mr. Libertus's career has been the American Indian. His numerous talents have found their outlets in teaching, consultant work, the arts, and direct service on behalf of Native American communities. See AN-LC374W: *The Culture of the Indians of the American Southwest*.

**MARK MACLEOD**, B.A. (Hons), Macquarie University, N.S.W., Australia. Mr. Macleod is a Lecturer in English and Linguistics at Macquarie University and also a literature and drama critic for *The Sydney Morning Herald*. He teaches a course in 20th century Australian literature to the students of the Rollins Fall Term in Sydney. See AU-E 223W: *The Masculine Mythology of Australian Literature*.

**CIARAN MACGONIGAL**, education, National College of Art, Dublin, National University of Ireland (University College Dublin), University of Florence. Currently a Lecturer at the National Gallery of Ireland, Mr. MacGonigal's career includes, among other experiences, Managing Director, The Grafton Gallery, Dublin; Chairman of the Trustees of the Hugh Lane Municipal Gallery of Modern Art, Dublin. He holds memberships in the Irish Association of Art Critics, Irish Museum Association, and the Irish Art Historians Association. See A 255, *History Through Art: The Irish Dimension*.

**MARION LILLIAN MANTON**, B.Sc., Dip. Ed., University of Sidney, M.S. University of Hawaii, Ph.D., Columbia University. Dr. Manton is currently a Lecturer in Science Education at the Sydney Institute of Education. A specialist in vertebrate zoology, she has published in the areas of neurobiology and sensory physiology. She has held the titles of Fulbright Scholar at State University of New York, and East West Centre Scholar at both the University of Hawaii and Stanford. See AU-B 125W, *The Evolution of the Australian Biota*.

**SANDRA SHOTLANDER**, B.A., Melbourne University, Certificate Secondary Teachers College, Melbourne, Post-baccalaureate training at the Melbourne Conservatorium, National Theatre Drama School of Melbourne, and the Royal Academy of Dramatic Arts, London. Ms. Shotlander is a Lecturer in Cultural Studies in the Rollins College Melbourne Program. She is also a playwright and author. See AU-E 208W: *Land, People and Passion in Australian Literature and Drama*.

### 1990 COLE SCHOLAR

For the eighth consecutive year the Gertrude Cole Scholarship endowment will permit an educator from England to spend three months at Rollins pursuing research on the American educational system. This year's Cole Scholar is Mr. James Stephen Woodhouse. Mr. Woodhouse is currently the Head Master of Lancing College in Sussex, England. Prior to that, he was Head Master of Rugby School. He has also been Chairman of the Headmasters Conference. His other interests are Music, Poetry, Natural History, and Sailing. See E 258W, *Brush Up Your Shakespeare*.



---

## GENERAL INFORMATION

### Course Credits

#### GENERAL EDUCATION REQUIREMENTS

Courses which satisfy the general education requirements are designated by the appropriate letters within the course listing and course descriptions. The only general education requirements that can be satisfied during the winter term are Mathematical Methods, designated by the letter "M"; Knowledge of Other Cultures, designated by the letter "C"; Decision Making and Valuation, designated by the letter "V"; Knowledge of American Society, designated by the letter "S"; Knowledge of the Organic World, designated by the letter "O"; and Knowledge of the Physical World, designated by the letter "P."

#### 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.

#### CREDIT/NO CREDIT POLICY

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. A credit course must be either 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.

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.

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

Independent Studies are a means of adding a new dimension to the curriculum and of encouraging intellectual curiosity, initiative, and sustained effort. Independent Studies are classified as tutorials, research projects, or internships.

#### TUTORIAL

Working under the close supervision of a faculty member, students read primary and secondary material and/or work in a laboratory or studio setting. Evaluation is usually based on a paper or an examination or both. A tutorial cannot normally duplicate a course that is regularly offered. The student must meet with the instructor a minimum of three hours per week in a winter term. Normally, sophomore status is required.

#### RESEARCH PROJECT

To qualify, a student must already have acquired the knowledge and skills necessary to do the research. This implies that the research is in the major or a closely allied field and that the student has achieved junior or senior status. Such projects usually involve original research with primary materials or original work in the laboratory or studio.

#### INTERNSHIP

An internship is a planned, supervised, experiential education course project integrating study and practical work that is undertaken for the specific purpose of acquiring and applying knowledge through direct experience in a field related to the student's academic program. The intent of the internship is to integrate on-site learning and work with the theory of a related discipline. This contrasts with independent study/research which focuses on "academic study" of a subject rather than direct experience in a field. To qualify, a student must have completed whatever courses are deemed necessary as preparation for the internship. A contract must be drawn up by the instructor, the student and the sponsoring organization, and should include 30 to 40 hours of student work per week with the organization and be graded on a credit basis.

To help assure that the internship is credit worthy, students are encouraged to work out an educational project plan well in advance of the actual internship and to give careful thought to early selection of the on-site field supervisor and faculty supervisor. It is especially important that systematic and regular reporting be done by



the student to both the field and faculty supervisors.

Students planning internships must be aware of the following dates for completion of various stages of their internship program:

1. November 10 is the last day to submit a completed form for an off-campus internship. All work for the internship, including written work to the on-site supervisor, must be completed by the last day of winter term.
2. Internship students should inform their on-site field supervisor that his/her evaluation of the student must be submitted to the Rollins faculty supervisor within one week after the completion of the winter term.

### **APPROVAL OF INDEPENDENT STUDIES**

The purpose of the approval process is to ensure that independent studies are compatible with the philosophy and nature of the entire curriculum and to give students adequate time to formulate a well defined study by the end of the term preceding the one in which it is to be carried out.

Preliminary proposals for independent study must be submitted for approval to the departments at pre-registration. Upon approval by the majority of the members of the department, they are submitted to a subcommittee of the Curriculum Committee through the Dean of the Faculty to ensure final action prior to the last week of the term.

### **EVALUATION OF INDEPENDENT STUDIES**

Students receive letter grades for tutorials and research projects unless they request grading on a credit basis. Internships, even in the major, are graded credit/no credit unless approved by the Curriculum Committee for a letter grade.

---

## **WINTER TERM OFF-CAMPUS**

Rollins conducts an extensive program of winter term courses off-campus.

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

**EARLY REGISTRATION** for off-campus courses is set for October 16-20. 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. Applicants must be in good standing with the college.

## **ENGINEERING COURSE 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. Costs include 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 five courses listed below will be offered for the January term. Each course will involve three hours of lectures, six days per week, and an independent study or laboratory each day. The student may take only one course during the January term.

- **Introduction To Chemical Engineering**
- **Engineering Applied To Biomedical Problems**
- **Engineering And Public Policy**
- **Engineering Mechanics I**
- **Introduction To Systems Science And Mathematics I**

For detailed information on this program and application forms, students should see Dr. Donald C. Griffin, Coordinator of the 3-2 Engineering Program. **DEADLINE FOR APPLICATION IS NOVEMBER 15, 1989.**

### **REGISTRATION PROCEDURE**

Specific Winter Term offerings for January, 1990 are listed in the following pages according to departments. A combined winter and spring term registration will be held November 6-10. Students may drop and/or add classes for winter and spring terms from January 3-5, 1990. Students are expected to devote a minimum of 40 hours per week to their academic work, so no student may register for more than one course or independent study project during the winter term.



# COURSES OF STUDY

**Course Name:** *Broadway Theater and the Humanities:  
New York City*

**Course Number:** TA 245W

**Prerequisite:** None. Priority will be given to Theater Arts,  
Dance and Music majors and minors

This course is designed to provide students with a broad overview of the humanities, with an emphasis on the theater. While in NYC students will participate in a variety of activities related to theatrical and expressive arts including: twelve Broadway productions (plays, musicals, dance concerts), a seminar by a leading dramatic critic, a visit to the studio of a theatrical scene designer and costumer, plus a series of lecture tours to ten cultural centers in NYC.

**Class Meetings:** Jan 3-14 in New York City

**Instructor:** C. Rodgers and R. Sherry

**Approximate Cost:** \$1560 (includes airfare, surface transportation, lodging, lunches, admissions)

**Course Name:** *Education in England and Scotland:  
Directed Observation and Participation*

**Course Number:** ED 165W

**Prerequisite:** None

Students will be exposed to English culture and society while examining English and Scottish public and private schools and their teaching philosophies and methods. They will observe and participate, whenever possible, in various English classes, enhancing their understanding and appreciation of English people, society, and schools.

**Class Meetings:** two meetings at Rollins, Jan 3-23 in England

**Instructor:** L. Cotanche

**Approximate Cost:** \$1,950 (includes airfare, surface transportation, lunches, and admissions).

**Course Name:** *Egypt and Crete: A Cross Cultural Study of  
the Eastern Mediterranean.*

**Course Number:** IC 278W

**Prerequisite:** None

This course will introduce students to the diversity of cultures in the Eastern Mediterranean by examining the ancient and modern civilizations of Egypt and Crete. After a three-day historical introduction on the Rollins campus, the group will spend eight days exploring the ancient sites and modern cities along the Nile River, followed by eight days of study and travel at the Minoan sites on Crete.

**Class Meetings:** Jan 3-5 at Rollins; Jan 6-14, Egypt; Jan 15-19. Crete; Jan 22-26 at Rollins)

**Instructor:** E. Gregory and P. Polley

**Approximate Cost:** \$2630 (includes airfare, surface transportation, breakfasts and dinners, lodging, admissions)

**Course Name:** *Everglades/Keys*

**Course Number:** ES 133W

**Prerequisite:** None

This course is an introduction to two of the nation's most unique ecosystems. The Keys and the Everglades will be studied not only for their ecological attributes, but also for the dilemma they pose to a society predicated on growth and development. This course includes a field study. To enhance the sights, sounds, and emotions encountered on this excursion, students will be challenged to express the inherent value nature has in their lives.

**Class Meetings:** Jan 4-20 at Rollins with field trips; Jan 22-29 in the Keys

**Instructor:** B. Stephenson

**Approximate Cost:** \$325 (includes transportation, lodging, meals)

**Course Name:** *How the Soviets do Science:  
Psychophysiology/Neuropsychology as a  
Case Study*

**Course Number:** PY 288W

**Prerequisite:** None

This course will review the process of scientific education and research in the USSR. Using the field of Psychophysiology/Neuropsychology as a demonstration vehicle, published works and on-site visits will be used to explore the training and pedagogy, the technology, and the scientific accomplishments of Soviet scientific workers. Major research institutes will be visited.

**Class Meetings:** 1 week at Rollins; Jan 13-28 in the Soviet Union

**Instructor:** R. Ray

**Approximate Cost:** \$1560 (includes airfare, surface transportation, lodging, lunches, admissions)

**Course Name:** *Land and People of Ancient and Modern  
Israel*

**Course Number:** R 233W

**Prerequisite:** None

This study tour exposes students to one of the world's youngest nations, established in 1948, in a land where multicultural and religious legacies are preserved and alive. Travels in Israel will be accompanied by lectures and discussions by specialists in archeology, history, and politics. Excursions will include visits to historical sites, churches, mosques and synagogues, museums,



kibbutzim, the Dead Sea, and Mt. Masada.

Class Meetings: Jan 3-5 at Rollins, 17 days in Israel

Instructor: **Y. Greenberg**

Approximate Cost: \$2100 (includes airfare, transportation, breakfasts and most dinners, admissions, lodging)

**Course Name:** *Law, Government and Human Rights in the U.S., England and France/Orient Express*

**Course Number:** IC 333W

Prerequisite: None

This course demonstrates that the laws and government of a nation are as much a reflection of the social forces and economic necessities of the times as they are of its moral values, customs, and history. Students will visit courts and observe government in action; they will speak with judges, lawyers and magistrates. They will also experience the culture of England and France through visits to historical sites and exploration of the arts in theaters and museums. Trip includes travel on the Orient Express.

Class Meetings: Jan 3-5 at Rollins; Jan 7-18 in England; Jan 20-25 in Paris, Jan 26-30 at Rollins

Instructor: **M. Newman**

Approximate Cost: \$2580 (includes airfare, lodging, meals, admissions, transportation)

**Course Name:** *Love, Hate, Death and High C's*

**Course Number:** MU 207W

Prerequisite: None

This course introduces students to the magnificence of the opera through attendance at five live performances in some of the best opera houses in Europe. Opera's long and extravagant history is inevitably entwined with the culture in which it matured. Students will travel to Munich, Salzburg, Vienna and Budapest, with excursions to relevant countryside sites; they will tour backstage areas, talk with directors and singers, attend seminars, and participate in guided tours of the cities.

Class Meetings: 7 days at Rollins, 15 days in Europe

Instructor: **E. LeRoy**

Approximate Cost: \$2100 (includes airfare, surface transportation, lodging, two meals per day, and admissions)

**Course Name:** *The Orient Express — Comparative Political Economies of the Balkans: Greece, Yugoslavia, Turkey and Bulgaria*

**Course Number:** EC 188W

Prerequisite: None

This course exposes students to an analysis of how a nation's economic system is affected by alternative socioeconomic settings. Students will attend lectures and seminars with government and non-government speakers on subjects in politics, economics, history, and general culture; they will also visit businesses and factories, research institutions, and governmental agencies. There will also be opportunities for visits to museums and historical sites.

Class Meetings: Jan 4-31 in Greece, Yugoslavia, Turkey and Bulgaria

Instructor: **C. Rock and H. Kypraios**

Approximate Cost: \$2861 (includes airfare, surface transportation, lodging, two meals per day)

**Course Name:** *Serving in the Third World (C)*

**Course Number:** IC 324W

Prerequisite: None

The course offers work project experience in rural villages in Jamaica's "other world". Its purpose is to introduce students vividly and unforgettably to the realities of the Third World and offer involvement in effective service. Explorations in and exposures to Jamaica through field trips will be included.

Class Meetings: Jan. 4-6, Rollins; Jan. 6-26, Jamaica; Jan. 27-Feb. 1, Rollins

Instructor: **B. Thompson**

Approximate Cost: \$630 (includes airfare, surface transportation, lodging and meals)



---

## WINTER TERM ON-CAMPUS

### JANUARY 3-31

#### Courses of Study

\*Denotes courses pending approval by Curriculum Committee

**Course Name:** *African-American Language and Culture (C)*

**Course Number:** AN 216\*

Prerequisite: None

This course surveys the language of African-Americans as it occurs in both North America and the Caribbean, with special reference to characteristic grammatical features, pronunciations, vocabulary items, and distinctively African-American uses in speech (e.g. preaching styles, rap poetry, the dozens, signifying). Data collection in the field is emphasized in this course.

Class Meetings: MTWTh, 1:00-3:15

First Session: 1/3/90; TBA

Instructor: **R. Moore**

**Course Name:** *African and Caribbean Dance*

**Course Number:** D-120W\*

Prerequisite: None

Traditional and authentic movements from Nigeria, Senegal, Ghana, and the Caribbean. Exercises designed for these specific types of dance movements.

Class Meetings: M 10:00-11:30, 12:00-1:00; TW 10:30-12:00, 12:30-2:00; Th 10:30-12:00

First Session: 1/3/90

Instructor: **M. Blake**

**Course Name:** *Alexander The Great and the Cult of Personality*

**Course Number:** CL-IC 288W

Prerequisite: None

Alexander the Great fascinated the ancient world as much as he does our own. Different writers with often opposing beliefs and goals composed different portraits of Alexander, each claiming to have captured his essence. In this course, we will read three ancient biographies of Alexander as well as a medieval romance and a modern novelization of his life. We will try to understand why he fascinated so many people and why so many different interpretations of him exist. Students will gain an appreciation of the role of interpretation and bias in historical writing, and will investigate the hold of a single personality on many eras and cultures.

Class Meetings: MT Th 1:00-4:00

First Session: 1/4/90, BU 134

Instructor: **K. Christensen**

**Course Name:** *American Folk Art*

**Course Number:** A205W

Prerequisite: None

Folk Art is generally defined as that art produced by untrained, amateur painters, carvers and craftsmen. Although paintings and sculptures have been produced by folk artists, the greatest body of the work falls within the craft category — useful objects brightly and imaginatively decorated. By fine art standards folk art can appear naive, awkward and primitive, but it is important, beyond its aesthetic value, as a reflection of the needs, spirit, humor and heritage of Americans from Colonial times to the present.

Class Meetings: MTWTh 11:00-2:00

First Session: 1/3/90, CO 116

Instructor: **H. Hallam**

**Course Name:** *Angels of Art: Arts and Patrons*

**Course Number:** A 242W

Prerequisite: None

This course will explore the issue of patronage of visual artists and the effect of that patronage on the artifact. Prior to the Renaissance, patronage had been a collective effort, with only a handful of individual patrons who had influenced aesthetic or thematic choices. While collective patronage continued after the beginning of the Renaissance, several individuals appeared to assert considerable influence on the choices artists made. The class will investigate this relationship through patronage, in the 15th through 18th centuries, of such people as Cosimo de' Medici, Pope Julius II, Scipione Borghese, Philip IV and Louis XIV. Then class members will define the relationship between patrons and the art they commissioned.

Class Meetings: M-F 9:00-11:00

First Session: 1/3/90, CO 116

Instructor: **R. Lemon**

**Course Name:** *Applied Exercise Physiology*

**Course Number:** PE 201

Prerequisite: Completion of the O requirement OR consent of the instructor.

This course examines the nature of muscular, metabolic, cardiovascular, and respiratory adjustments to acute and chronic exercise. Teaching methods include lectures, demonstrations, discussions, and laboratory and participatory experiences.

Class Meetings: M-F, 1:00-3:00

First Session: 1/3/90, EAFH Classroom

Instructor: **S. Chandler**



**Course Name: *Art in Ancient Writing: Deciphering Mayan Hieroglyphs***

**Course Number: A-LACA 220W**

Prerequisite: None

Thirteen different hieroglyphic writing systems were developed by native civilizations in Mexico and Guatemala. Of those the Mayan glyphs are the most sophisticated, combining phonetic and pictographic features to express both calendrical and dynastic themes. Inscriptions from Uxmal and Chichen Itza will be included for students interested in the Rollins program in Merida, Yucatan, Mexico. Mayan hieroglyphs will be studied through iconography, cosmology and style so that no knowledge of linguistics or translation whatsoever is required. Nonetheless students may participate and practice deciphering under the guidance of the instructor. Native Mexican concepts of astrology and numerology codices will also be discussed.

Class Meetings: M-Th 2:00-5:00

First Session: 1/3/90, CO 116

Instructor: **N. Hellmuth**

**Course Name: *Beyond Spanish Grammar: A Breakthrough to Real Conversation in the Language***

**Course Number: SH 160W**

Prerequisite: SH 102 or equivalent. This course is not open to native speakers, to students possessing advanced conversation skills, or to students who have taken SH 202 and/or higher level Spanish courses.

Taught primarily in Spanish, this course will enable the students to now apply the principles of grammar and syntax they have spent so much time learning. All course materials will focus on vocabulary acquisition, conversation topics and improvement of listening and speaking skills in Spanish. Intensive speaking practice will be gained through small and large group conversation activities and short prepared talks. Students will also present prepared skits and spontaneous conversations to the class. They will conduct short campus tours for classmates. Intensive listening comprehension practice will be accomplished through films and recordings and through storytelling and talks by the instructor and various guest speakers.

Slang, "stall" words, nonsense words, common idioms, gestures and other interesting and important elements of conversation will be introduced. Students will learn to make maximum use of limited vocabulary through efficient circumlocution techniques — the "tricks" of communicating in a foreign language.

The class will occasionally eat lunch and converse in Spanish with guest speakers. Field trips are planned.

Class Meetings: MTThF, 9:30-12:30

First Session: 1/4/90, HK 104

Instructor: **J. Luckett**

**Course Name: *Biology Today***

**Course Number: 125W**

(this course to be offered only if IC: CRETE AND EGYPT off campus course is cancelled)

Prerequisite: None

Class discussions will focus on biological issues currently in the news media. Information in the popular literature will be compared to the evidence presented in scientific journals, and evaluated by the application of the principles of scientific methodology. The goal of the course is to instruct students in how to evaluate scientific claims and apply scientific information to modern society.

Class Meetings: M-Th, 11:00-1:00 plus daily assignments in the library.

First Session: 1/3/90, BU 207

Instructor: **E. Gregory**

**Course Name: *Biotechnology and Bioethics***

**Course Number: B 102W**

Prerequisite: None

This course examines recent advances in biotechnology and the social, political and ethical issues these advances have raised. Topics include prenatal testing and abortion, in vitro fertilization of both humans and nonhumans, organ transplantation, and genetic engineering. Students successfully completing this course will know basic principles of reproductive biology, genetics and evolution. They will be able to integrate this knowledge with ethical evaluations of contemporary biotechnological developments.

Class Meetings: MW 10:00-1:00, TTh 2:30-5:00

First Session: 1/3/90, KMC 2

Instructor: **P. Coleman**

**Course Name: *Brush Up Your Shakespeare***

**Course Number: E-258W\***

Prerequisite: None

An introductory study of six of Shakespeare's greatest plays: *King Lear*, *Macbeth*, *Hamlet*, *The Merchant of Venice*, *Much Ado About Nothing*, *The Tempest*.

Why do fools, clowns and figures of fun appear so often in Shakespeare's tragedies? Why are his lightest comedies tinged with melancholy? The answer may tell us much about Shakespeare's view of man and woman.

The course will involve in-depth study of the texts, interpretive writing, and a series of dramatic presentations. It will conclude with an evening's entertainment, devised and staged by the members of the course, "Meet William Shakespeare."

Class Meetings: MTWTh 1:00-1:30 p.m.

First Session: 1/3/90

Instructor: **J. Woodhouse**



**Course Name: *Career Development***

**Course Number: IC 201W**

Prerequisite: None, but course intended for Sophomores and Juniors

Is there life after college? YES, about 60 years worth. This course will give you the opportunity to explore the stages of the adult life cycle in general and the career cycle in particular. Through case studies, discussions, conferences, films, and guest lecture(s), we will explore problems such as working, unemployment, career planning, career choice, continuing education, job satisfaction, personal commitment, balancing family and career demands, and career changes. We will devote a great deal of time to the problems of managing the transition from college to graduate school or employment. We will look at the problems of setting objectives, self-assessment, researching opportunities, making contacts, preparing applications and resumes, preparing for interviews, presenting yourself, and following through.

Class Meetings: MTWTh, 1:00-3:30 p.m.

First Meeting: 1/3/90; TBA

Instructor: **D. Rogers**

**Course Name: *Cases in Political Economy***

**Course Number: EC 349W**

Prerequisite: EC 212 and EC 213

Intensive case studies of macroeconomic policy directed to both economic and political ends, with some emphasis given to U.S. policy. The major learning goal is to help the student develop the ability to apply theoretical economic concepts to understand and learn from actual economic events that have occurred. Additional goals facilitated by the case method include the development of and practice in speaking and writing skills. Case studies will include but are not limited to the U.S. financial crisis of 1931, privatization in the U.K. under Thatcher, financial liberalization in Japan, the decline of the dollar, and the Mexican debt crisis.

Class Meetings: MTWThF 9:30-11:45 a.m.

First Session: 1/3/90; CSS 170

Instructor: **K. Taylor**

**Course Name: *Chemistry and the Environment (P)***

**Course Number: C 110W**

Prerequisite: None

A topical introduction to the concepts and methods of chemistry and their applications to the study of environmental problems, energy, air and water pollution. This course, designed for the non-major with limited

background in chemistry, will include discussion and analysis of quantitative and qualitative data and their limitation, gathered from historical sources, demonstration and experimentation. Without lab.

Class Meetings: M-Th, 8:30-10:30 a.m.

First Session: 1/3/90; BU 301

Instructor: **B. Ramsey**

**Course Name: *Conversations in French***

**Course Number: FR 140W**

Prerequisite: None

This course is intended for students who have taken FR 102 and/or higher level French courses. The purpose of this course is to develop the students' ability to speak French. Participants will read a wide variety of texts, excerpts from French magazines and short stories and will talk about them. In addition to these texts, the vocabulary learned at the 100 level will be reviewed and greatly expanded by topics at each session which will lead to various discussions. Once or twice a week students will listen to various recordings — including songs which will improve their listening comprehension. Every day participants will be asked to prepare written dialogues in groups which they will then enact in class and they will also have to give short prepared talks individually.

Class Meetings: MWF, 9:00-12:00 a.m.

First Session: 1/3/90; TBA

Instructor: **I. Gorrell**

**Course Name: *Creative Thinking***

**Course Number: E-IC 297W**

Prerequisite: None

Our aim is to learn from the thirty-year investigation of the creative process that has given "creativity" so enchanting a sound to contemporary ears. What can we know to enlarge and clarify our understanding of "creative thought"? More practically, how can we develop our own creative imaginations? Though creativity is typically fostered in particular contexts, such as writing, painting, or acting, much may be learned by studying the process more abstractly and by viewing it in relation to all of life's activities, not only the artistic. The general question we will address is, "How can people think and live more creatively?"

Class Meetings: M-F, 11:00-1:00

First Session: 1/3/90; OR 206

Instructor: **A. Nordstrom**



**Course Name: *The Culture of the Indians of the American Southwest (C)***

**Course Number: AN-LC 374W**

Prerequisite: None

We will address the cultural world-view of pre-contact and post-contact Southwestern Indians; special emphasis will be placed on the visual arts of the Hohokam/Mogollon, Anasazi, and the later pueblo people. You will investigate how to understand the culture through the study of ritual and culinary objects, and discover how cross cultural technology and economics modified the appearance of some of those objects.

Class Meetings: MTWTh, 1:30-4:30 p.m.

First Session: 1/3/90; CSS 134

Instructor: **R. Libertus**

**Course Name: *Darwin and Monkey Business***

**Course Number: H 180W**

Prerequisite: None.

Although Charles Darwin regarded himself as purely a scientist, his theories about the origin of species have a profound impact not only on biology, but on religious, social, political and economic thought. This course will begin with a survey of the life and writings of Darwin and then explore their scientific and intellectual importance in the late nineteenth and twentieth century. In particular, we will investigate Darwin's influence on religious thought, especially the theories of creation; on notions about the nature and origins of human aggression; and on the development of racial theories and Social Darwinism. In the process, we will discuss the relationship between scientific thought and social values. The course will include an examination of the Scopes "Monkey Trial."

Class Meetings: MTWF 9:30-12:00

First Session: 1/3/90; CSS 231

Instructor: **B. Levis**

**Course Name: *The Dawn of the Nuclear Age***

**Course Number: IC-H 282W**

Prerequisite: None

Long before Star Wars, there was the Manhattan Project. Just as there are disagreements today in the scientific and political communities over the viability and wisdom of Reagan's Strategic Defense Initiative (SDI), scientists and policy makers in 1945 were hardly unanimous concerning the use of the first atomic weapons. We will trace the development of these weapons from the years before Hiroshima to the 1990's, so that we will focus both on the "dawn of the nuclear age" and on the contemporary debate over offensive and defensive nuclear weapons. Among the topics we will examine are the following: the science of nuclear fission and fusion, the story of the physicists who developed the atomic bomb, the effect of the Cold War on the evolution of nuclear policy, and the technical and

political context of SDI. This course does NOT assume a background in the physical sciences. We will, however, describe enough of the physics of nuclear weapons so that students will have a common understanding of technical challenges facing the scientists involved in the Manhattan Project and SDI.

Class Meetings: MTThF 9:30-12:00

First Session: Wednesday 1/3/90; CSS 226

Instructor: **D. Griffin & G. Williams**

**Course Name: *Don Quixote in English Translation (V)***

**Course Number: SH 240W**

Prerequisite: None

Recognized by critics as the "first modern novel," Miguel de Cervantes's *Don Quixote* bridges the gap between diverse types of late Medieval and Renaissance prose fiction and the modern European novel. Although *Don Quixote* has been recognized as a master work of Western literature, each generation has interpreted it in a different fashion. Early readers, for example, tended to note only its comic element, while the Romantics considered the novel a symbol of the struggle between idealism and pragmatism. This course offers the opportunity for a careful, close reading of *Don Quixote*, provides a background on the author and his times, and presents an introduction to the major critical interpretations of the work over the centuries. ALL READINGS AND DISCUSSIONS ARE IN ENGLISH. Recommended for all literature majors; suitable for everyone.

Class Meetings: MWF 9:00-12:00

First Session: 1/3/90; BEAL 2

Instructor: **R. Kerr**

**Course Name: *Dynamical Systems and Chaos***

**Course Number: M 307W**

Prerequisite: M 212 Differential Equations

The rapid development of computer capability in the past twenty years has now allowed scientists to closely examine what is currently the "hottest" topic in mathematics: chaos. Chaos is the name given to the onset of turbulence in fluid flow, nonlinear oscillations in chemical or electrical networks, even the transition of the normal rhythm of the heart to life-threatening fibrillation. The course will begin with a brief review of linear differential equations, examine well-behaved linear differential systems, and culminate with an introduction to chaotic behavior in nonlinear systems. Students will use software packages to observe such behavior in well-known systems, as well as systems of their own choosing. (No previous computer experience is necessary).

Class Meetings: MTThF 8:30-11:00

First Session: 1/4/90; BU 326

Instructor: **A. Skidmore**



**Course Name: *Economic Concentration and American Society***

**Course Number: EC 322W**

Prerequisite: EC 212, EC 213

An inquiry into the extent and causes of the concentration of economic power in the private sector of the world economy today, and the consequences for American society. The course consists of two parts: In the first, students will read assigned materials on the causes and consequences of global economic concentration, and these will be discussed in class; in the second, students will undertake guided research on the extent and trend of economic concentration in recent times, summarizing their findings and conclusions in assigned term papers.

Class Meetings: MTWTh 1:00-3:30

First Session: 1/3/90; TBA

Instructor: **E. Schutz**

**Course Name: *The Evolution of the Australian Biota***

**Course Number: AU-B 125W\***

Prerequisite: None

This course studies the origins and development of the animal and plant life unique to Australia. The American connection in the evolution of the Australian biota is examined. Diversity of mammals and seed plants and the distribution of major ecosystems are compared and contrasted between both continents. Evolution of animal behavior is discussed in the Australian context.

Class Meetings: MTWTh 1:00-3:30

First Session: 1/3/90

Instructor: **M. Manton**

**Course Name: *Expository Writing for Business and Other Transactions***

**Course Number: E 393W**

Prerequisite: E 101, Sophomore status

The purpose of this course is to enable students to perfect their writing styles on short (1-2 pages) pieces of transactional prose (business letters, memos, resumes, graduate and law school statements, proposals, etc.). Class sessions will be conducted in an office format with participants carrying out writing tasks, receiving peer group response, and then submitting final copy to a supervisor (instructor) for approval. Grades will be based upon a final portfolio of completed tasks, as well as a peer group assessment and an oral group report.

Class Meetings: MTWTh 10:00-12:00

First Session: 1/3/90; TBA

Instructor: **T. Papay**

**Course Name: *A Fiction Workshop***

**Course Number: E 244W**

Prerequisite: E 101

Everyone has a story to tell, and this is your chance to write yours. Plus another. In a workshop setting, students will draft, revise, and polish two stories of substantial quality. Each class meeting will be devoted to the reading of stories in progress and to the discussion of their strengths and weaknesses. Students must write every day and submit new work every day. By the end of the term you should have completed two stories you'll be proud to call your own.

Class Meetings: M-F 3:00-5:00

First Session: 1/3/90; OR 101

Instructor: **E. Cohen**

**Course Name: *Finite Mathematics (M)***

**Course Number: M 105W**

Prerequisite: None

Investigates some applications of mathematical thought in modern society. Topics to be selected from sets, probability, statistics, management science, social choice, and computer programming. Suitable for those students who do not intend to take other mathematics courses.

Class Meetings: MTWThF 11:00-1:00

First Session: 1/3/90; BU 326

Instructor: **R. Naleway**

**Course Name: *Florida Indians and their Neighbors (C)***

**Course Number: LC-AN 254W**

This course introduces students to the archaeology and sociocultural history of American Indians in Florida, the Caribbean, and the immediate areas of the American Southeast. Special emphasis is placed on ecology and sociocultural change within the following American Indian cultures: Timucua, Calusa, Appalachee Creek, Cherokee, Natchez and Seminole.

Class Meetings: MTWTh, 10:00-12:30. Two all day field trips to be scheduled.

First Session: 1/3/90; CSS 134

Instructor: **M. Stewart**

**Course Name: *Forensic Psychology***

**Course Number: PY 247W**

Prerequisite: Consent only

This seminar explores psychology in the court of law. Readings will cover legal as well as psychological issues. Recent cases on which the instructor testified as expert witness will be discussed. Individuals from the legal setting will be invited to address the seminar (lawyer, judge, forensic pathologist). Observations of court room



testimony will be made on cases under trial in local courts. Students should be available to attend court sessions Monday thru Friday from 9:00 to 5:00. Twenty hours per week will be devoted to these observations. The specific time of these observations will be determined by the trial schedule. Open to Freshmen, Sophomores, Juniors and Seniors.

Class Meetings: TBA

First Session: 1/3/90; TBA

Instructor: **J. Upson**

**Course Name:** *Fourier Transformation NMR Spectroscopy*

**Course Number:** C 245W\*

Prerequisite: C 220 or consent

Nuclear Magnetic Resonance (NMR) phenomena plays an important role in chemistry, biology, physics, and medicine. This course introduces the theoretical concept of the NMR experiment and the application of those principles to a variety of problems. Discussions will include pulsed-Fourier transform spectroscopy, homonuclear and heteronuclear decoupling techniques, pulse sequencing, quantitative measurements, correlated spectroscopy (COSY, HOESY, and NOESY) 2D-NMR (HECTOR). Laboratory portion of the course will include instruction in the use of a modern NMR spectrometer and associated superconducting magnet/computer.

Class Meetings: Class: MTWTh, 10:00-12:00; Lab: MTTh, 1:00-3:00

First Session: 1/3/90; BU 303

Instructor: **E. Blossey**

**Course Name:** *The French Cinema*

**Course Number:** FR 171/371W

Prerequisite: None

The French cinema has been among the most varied, acclaimed and innovative in the world. This course is designed to give students the opportunity to explore these attributes through critical readings and film viewings. Students will read critical works on film figures such as Godard, Truffaut, Renoir, and analyze the films viewed. A final paper encompassing the cinematographic techniques, production, directing, acting and innovations found in the films of these and other French film-makers will be required. In addition, short working papers will be assigned for each film viewed to aid the students in selecting the topic for their final paper. French majors and minors who wish to receive credit for the 300 level must write all papers in French. The films to be viewed are subtitled so that those with little or no background in the French language can participate in the course.

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

First Session: 1/3/90; MILL 213

Instructor: **R. Lima**

**Course Name:** *Fusion in a Bottle: Chemical Synthesis and Analysis*

**Course Number:** C 219W

Prerequisite: General Chemistry I, C 120

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 synthesis, reactivity and structure analysis of "inorganic" molecules. Lecture-Study will include thermodynamic 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. With laboratory.

Class Meetings: MTWTh 8:30-10:30 a.m. class, TTh 9:00-5:00 lab

First Session: 1/3/90; BU 301

Instructor: **L. Eng-Wilmot**

**Course Name:** *Future Shocked or Future Solved: A Course in Inventive Problem Solving and Futurecasting*

**Course Number:** E-IC 297W

Prerequisite: None

In a dramatic, game-like atmosphere students will project and analyze the future while exploring a variety of thinking strategies aimed at more inventive problem solving and issue analysis: the four analogies of synectics, the "Physicist's Metaphors" of tagmemics, future wheels, cross-impact analysis, the Delphi technique, lateral thinking, "visioning" and scenario writing.

Class Meetings: M-F 11:00-1:00

First Session: 1/3/90; OR 101

Instructor: **J. Edge**

**Course Name:** *Gandhi, King, and the Philosophy of Nonviolence (V)*

**Course Number:** PH 224W

Prerequisite: None

The course will examine in some depth the philosophy of non-violence as developed in the thought and practice of M. Gandhi and M. L. King. We will contrast the different religious roots of their views and discuss the ways in which King adapted Gandhi's views for use in the American civil rights movement. We will also focus upon issues of controversy including the problem of evil, civil disobedience, and applicability of non-violence to other



freedom struggles. There will be some evening meetings to view films and hear and discuss speeches.

Class Meetings: MTThF 1:00-3:00 p.m. plus evening meetings for films and videos.

First Session: 1/4/90; KMC 1

Instructor: **T. Cook**

**Course Name:** *Gay/Lesbian Images in Literature/Film*

**Course Number:** E-WS 269W

Prerequisite: None

Does homosexuality on the silver screen repulse, terrify or excite you? This course enables the daring and curious student to expand imagination and visual perception into the sometimes denied and taboo realm of homo-erotic imagery and narrative situation. How are lives of lesbians and gay men portrayed in fiction, theater and film? How is the gay underworld dramatized? Students of art, literature, theater, and curious others are invited to analyze the transformation of novels and plays into the visual language of film and to explore the history of gay/lesbian film texts and subtexts. Films studied may include *The Color Purple*, *Desert Hearts*, *Maurice*, *As is*, *Entre Nous*, *Personal Best*, *Torch Song Trilogy*, and *Sappho Goes to Hollywood*.

Class Meetings: MTWTh 1:30-4:30 p.m.

First Session: 1/3/90; OR 106

Instructor: **R. Curb**

**Course Name:** *Glasnost and the States of Eastern Europe*

**Course Number:** PO 255W

Prerequisite: None

We will study the response of the Communist parties of Eastern Europe to the Glasnost encouraged by Gorbachev and the new Soviet leadership. We will examine the various interpretations given to the policy, as well as the concerns and objectives associated with the adoption of Glasnost. The goal of this course essentially is threefold: 1) To understand what Communist leaders mean by Glasnost; 2) To realize that liabilities are associated with the policy; and 3) To assess the extent to which the practice of Communism is monolithic.

Class Meetings: MTThF, 3:00-5:30 p.m.

First Session: 1/4/90; TBA

Instructor: **J. Davison**

**Course Name:** *Gödel, Escher, and Bach*

**Course Number:** M 143W

Prerequisite: None

This course will be a detailed study of Douglas Hofstadter's Pulitzer Prizewinning book, *Gödel, Escher, Bach: An Eternal Golden Braid*. The emphasis will be on the ideas of Gödel and the implications of those ideas in the field of

artificial intelligence. We will also study the connections among the ideas of Gödel, Escher, and Bach. Topics include formal systems, paradoxes, Gödel's theorem, the Church-Turing thesis, and artificial intelligence.

Class Meetings: MTThF, 11:00-1:30

First Session: 1/4/90; TBA

Instructor: **A. Przygocki**

**Course Name:** *The Grotesque in Literature*

**Course Number:** E 214W

Prerequisite: None

After ascertaining what constitutes the grotesque in literature and formulating a working definition, we will examine various works, primarily novels, which exhibit grotesque characteristics. Our task will encompass a consideration of the various forms that the grotesque assumes (i.e. merging with comedy to create satire or black comedy; linking with psychology to describe the limits of consciousness or alienation, psychosis, etc.), and the alteration of themes it can effect (i.e. the fusion of the "sacred" and the "blasphemous" to affect a new religious consciousness as in Flannery O'Connor's works). To prepare for reading the works of fiction, we will read some scholars whose interest focused on defining and even revising our conception of the nature and functions of the grotesque.

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

First Session: 1/4/90; OR 106

Instructor: **P. Pastore**

**Course Name:** *Guys and Dolls: Damon Runyon's Broadway Stories*

**Course Number:** E 189W

Prerequisite: None

Damon Runyon was one of America's most popular writers, but his work is seldom included in any literary anthologies. Students in this course will become acquainted with the likes of Angie the Ox, Spanish John, Little Isidore and other such prominent citizens of Broadway who graced the pages of Runyon's short stories. The course will examine the era in which Runyon wrote and will deal specifically with the Broadway stories, written between 1929 and 1945. Many of these stories have formed the basis for Hollywood movies. We will view the available films in an attempt to understand their popularity and to consider the transformations that took place from the written page to the screen. Open to Freshmen or by consent.

Class Meetings: MWF, 9:00-1:00

First Session: 1/3/90; HK 100

Instructor: **E. Borsoi**



**Course Name: *Hanging Loose in an Uptight World***

**Course Number: PY 204W**

Prerequisite: Limited to non-major, sophomore and juniors

How often have you been told, "It's only your nerves; you've just got to learn to relax." Each of us experience varying degrees of stress throughout our lives, yet most of us have never learned to cope with the pressures of everyday life. Dealing with stress effectively is not a passive activity, but one which requires knowledge, skill and practice.

Class Meetings: MWF, 9:00-12:00 a.m.

First Session: 1/3/90; JC 127

Instructor: **M. Farkash**

**Course Name: *History of the Caribbean (C)***

**Course Number: LACA 206W\***

Prerequisite: None

An introductory course which surveys the history of the Caribbean, from the time of the European discovery of the region, until the present. The course will emphasize the history of the Greater Antilles (Cuba, Haiti, Dominican Republic, Puerto Rico, and Jamaica), and, to a lesser extent, the Lesser Antilles. Taught in English.

Class Meetings: MTWTh, 3:30-5:30 p.m.

First Session: 1/3/90; TBA

Instructor: **J. Fernandez**

**Course Name: *History through Art: The Irish Dimension***

**Course Number: I-A 255\***

Prerequisite: Fall Semester Program in Dublin, or, prior course work in History of Art or History of Civilization.

Students will explore the historical relationship of Irish Art to the art of Continental Europe: how is Irish Art similar and how is it unique? The class will attempt to define the quality of the influences of climate, politics, religion, and class struggle. How do the visual arts relate to the rich literary history of Ireland?

These issues will be discussed in seminar discussions, with slides and reading. Tutorial sessions will supplement the discussions.

Class Meetings: M-Th, 1-3:30 p.m.

First Session: 1/3/90

Instructor: **C. MacGonigal**

**Course Name: *The Holocaust***

**Course Number: IC-GN 266W**

Prerequisite: None

Holocaust—in Greek it means total burning. To the people of the twentieth century the word is linked forever with the attempt by the German Nazis to annihilate Jews. We shall investigate the background to the final solution, the

process itself and the significance those events still have for us today.

Class Meetings: MTWTh, 1:00-3:30

First Session: 1/3/90; HK 104

Instructor: **N. Decker**

**Course Name: *Images of the Environment as seen through Film***

**Course Number: ES 373W**

Prerequisite: Instructor's consent

This course will explore four major environmental themes that have found expression in both academic literature and film. These themes are 1) attitudes toward nature and wilderness in the American context; 2) the exploitation of nature and its impacts on the individual society, and the natural environment; 3) attitudes toward technology and the inputs of technology; 4) visions of the future in evolving natural and social environments.

The course will be run as a seminar. There will be only four lecture classes. Each of these will precede the films that deal with the four topics listed above. After the lecture, the viewing of the films and, of course, the reading for each section, a group of students will lead a class discussion on the subject matter. The goal of these discussions will be to understand how ideas in the literature find expression on the screen.

Class Meetings: M-F, 9:30-12:00

First Session: 1/3/90; BEAL 1

Instructor: **B. Allen**

**Course Name: *Intermediate Ballet and Choreography***

**Course Number: D 292/392/492W**

Prerequisite: Ballet I (D 170) or permission

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. All students are expected to participate in both the technique and choreography classes, as well as learn the essentials of performing. Choreography will progress from solo to group forms. May be repeated for credit.

Class Meetings: MTWTh, 2:00-4:30

First Session: 1/3/90; DS 1

Instructor: **R. Mésavage**



**Course Name: *Instant Image: Polaroid Photography as an Art Form***

**Course Number: A 296W**

Prerequisite: None

Polaroid photography as an art medium offers some unique advantages for creative expression. The quality of instant feedback of image and the reduction of technical considerations of darkroom work allow for concentration of visualization of subject matter. Course study will utilize these advantages and concentrate on the creative aspects of photography. Areas to be covered will be basic camera operation, film characteristics of both color and b & w polaroid film, visualization and image control in studio and field. Cameras will be provided.

Class Meetings: MTWTh, 10:00-12:15

First Session: 1/3/90; CO 110

Instructor: **R. Larned**

**Course Name: *Internships***

**Course Number: BA 490W**

Prerequisite: Basic course work in field of study; completed internship proposal to course instructor prior to registration.

This course is designed to expand and enhance students' off-campus learning experiences. Working with the sponsors affiliated with this course, students will learn by taking on responsibility in seeking out and obtaining their own internships, and in the roles of workers and observers in an organization. Students will plan, carry out, reflect on and evaluate the experience. The evaluation will consist of a paper and a brief oral presentation to members of the class.

Class Meetings: TBA

First Session: 1/3/90; TBA

Instructor: **J. McCall et al**

**Course Name: *Introducing Central Florida's Ecology (0)***

**Course Number: B-ES 155W\***

Prerequisite: None

Ecology for Florida Lovers is a course designed to give the non-life sciences major an introduction to the basic ecological principles and an appreciation of the beauty and the structure of the area's native environments. Basic ecological principles will be introduced in a lecture and discussion format. Exploration of the diverse ecosystems of central Florida will be through field trips during which students will be introduced to methods of ecological investigation.

Class Meetings: 9:30-12:00 four days a week (free day will vary)

First Session: 1/3/90; TBA

Instructor: **K. Hickman**

**Course Name: *Introduction to Evolution (O)***

**Course Number: B 162W\***

Prerequisite: Non-major status

The course will center on class discussion of the exciting and well-written essays on evolution by Stephen Jay Gould which were first published in *Natural History* magazine during the 1970's and 1980's. We will follow his analyses which are frequently brilliant yet accessible to the non-major because they are not overly technical.

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

First Session: 1/4/90; TBA

Instructor: **E. Scheer**

**Course Name: *An Introduction to Object Oriented Programming***

**Course Number: CS 298W**

Prerequisite: CS 261

This course is an introduction to object oriented programming and its use in designing effective, easy-to-use, graphic interfaces to complex computer programs. Object Pascal on the Macintosh will be used as the primary design language. Examples from Smalltalk will also be given.

Class Meetings: MTThF, 8:30-11:00

First Session: 1/4/90; TBA

Instructor: **D. Child**

**Course Name: *Land, People and Passion in Australian Literature and Drama***

**Course Number: E-AU 208W**

Prerequisite: None

This course will provide students with a study of Australia through images of people, places and relationships. It will offer an opportunity to experience the elements and texture of the Australian landscape on the one hand and the bonds between people and their land on the other, as well as the complexities of personal conflicts. Students are required to study three plays, four short novels and a selection of Australian poetry (to be provided). Course Objectives: It is the intention of the course that students will—1) develop an understanding of the depth of feeling that can exist between people and the land in Australia; 2) understand some of the complexities and implications of the Australian character and the Australian idiom; 3) develop insights into the unique qualities of Australian literary styles.

Class Meetings: M-Th, 9:30-12:00

First Session: 1/3/90; TBA

Instructor: **S. Shotlander**



**Course Name: *Latin America and the U.S. in World Politics***

**Course Number: LC-PO 217W**

Prerequisite: At least one course in Latin American or Caribbean Studies, or one course in Political Science, or consent.

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.

Class Meetings: TWTh, 9:30-12:00 noon

First Session: 1/3/90; TBA

Instructor: **F. Gil**

**Course Name: *Lawyers in Theater, Film and Literature***

**Course Number: IC 209W**

(This course to be offered only if IC 333W: Law, Government and Human Rights England/France off campus course is cancelled.)

Prerequisite: None

An exploration and comparative study of how lawyers and the legal system are perceived in modern literature, and in the theater and motion pictures and television. Emphasis is placed on how the latter influences the lawyer's role in conscience and reform in shaping laws relating to crime, human dignity and the exercise of powers and civil rights, and how the law functions as both a moral and institutional standard for conduct. Students will view pertinent films, TV programs and video presentations of topical theatrical performances and read related papers and other literary works.

Class Meetings: MTTh, 2:00-4:30

First Session: 1/4/90; TBA

Instructor: **M. Newman**

**Course Name: *Light and Sight***

**Course Number: P 118W**

Prerequisite: None

This course introduces the student to the biology and physics of vision. The course begins with an overview of geometrical and physical optics, then focuses on the application of the principles of optics to the biological activity of vision. Additional topics covered include the

theory of color vision, and the evolution of visual systems in organisms. This course is suitable for students not majoring in science.

Class Meetings: MTWThF, 10:00-12:00; and MW, 1:00-3:00 (laboratory)

First Session: 1/3/90; TBA

Instructor: **J. Polley**

**Course Name: *Mammalian Developmental Biology***

**Course Number: B 380W\***

Prerequisite: B 120

The complexity of mammalian development is only beginning to be understood in terms of molecular events guiding embryonic development. In many respects, it remains a mystery how a single cell can be transformed into a mature individual. This course will examine the physiological processes supporting development: reproduction, pregnancy, parturition and lactation. It will explore developmental progress from fertilization through embryonic development with the establishment of major organ systems. Two organ systems, the cardiovascular and urogenital systems, will be examined in detail. With the study of the urogenital system through birth to its maturation at puberty, the course will have come full circle in its discussions.

Class Meetings: MTWThF, 9:30-12:00; and TTh, 1:00-2:30

First Session: 1/3/90; TBA

Instructor: **S. Klemann**

**Course Name: *The Masculine Mythology of Australian Literature***

**Course Number: AU-E 223W\***

Prerequisite: None

Like the United States, Australia continues to mythologize masculinities which have been attributed to its period of colonization. Australian literature, therefore, offers scope for considering whether men share distinctive views on such subjects as love, family, work, and power. How do Australian men write about women and other men? Do Australian men write differently from Australian women? Why do Australian boys stop reading? Is literature itself seen as unmanly? We will look at Australian literature and film and make brief comparisons with some American texts as we explore these and other questions.

Class Meetings: MTWTh, 1:00-3:00 p.m.

First Session: 1/4/90

Instructor: **M. MacLeod**



**Course Name: Medical Economics****Course Number: EC 182W**

Prerequisite: None

An examination and analysis of the medical care delivery system in the U.S. The U.S. system is analyzed in light of the European and Japanese experiences. Economic incentives facing U.S. physicians, hospitals, etc. are compared with incentives in Europe and Japan. Official policy in the U.S. is examined to the end of determining its impact on the health status of our citizens and on the economic well-being of our citizens. (Will not count towards the major if taken after EC 213).

Class Meetings: 9:00-11:30 MTWTh

First Session: 1/3/90; CSS 170

Instructor: **W. Hales****Course Name: Modern Cosmology (P)****Course Number: P 150W**

Prerequisite: None

How big is the universe? Does it have an edge? Will the universe expand forever? Will the universe ever end? These questions will be considered in a study of the universe and its evolution — which extends our imagination to the very edge of space. Starting with the characteristics of galaxies, the red-shift, and the Hubble relationship various models will be considered in attempting to understand how the universe has evolved to its present state. After introductory readings and discussion the student will select a particular research topic for class presentation such as: The evolution of stars, the search for black holes, characteristics of quasars, the nature of time, or looking for extraterrestrial life.

Class Meetings: M-F, 9:30-12:00 noon for the first two weeks for daily lecture-discussion sessions. Preparation of research topic during the third week and class presentation during the last three days.

First Session: 1/3/90; BU 105

Instructor: **J. Ross****Course Name: More Chemistry****Course Number: C 120C**

Prerequisite: General Chemistry, C 120

Did you have a problem in General Chemistry C 120? Did you think the pace was too fast and furious? Would you like the chance to look again at the central topics of C 120? Would you like to be exposed to some of the concepts of C 121 before the spring? If your answer to any of these questions is yes, this class is you. More chemistry will allow you to revisit the central topics of C 120 and will also give you a preview of what is coming in the spring. The format will be different from that of C 120. Problem solving

and class participation will be essential. The student will take the class along with another winter term course.

Class Meetings: TBA

First Session: 1/3/90; TBA

Instructor: **P. Bernal****Course Name: The Novels of Anne Tyler****Course Number: E 340W**

Prerequisite: One course in literature or consent

Many critics place Anne Tyler among the finest novelists publishing in America today. John Updike says of her: "Anne Tyler's characters have character: quirks, odd angles of vision, colorful mean streaks and harmonic longings." And yet another has remarked: "Her second greatest gift is tolerance. Her greatest is love ...". Usually focusing on family relationships, Tyler's works are simultaneously funny and moving and illuminating. In this course we will read a half dozen or so of Tyler's novels.

Class Meetings: M-F, 9:30-11:30

First Session: 1/3/90; OR 205

Instructor: **B. Carson****Course Name: Opera on Video****Course Number: M 112W\***

(This course to be offered only if MU 207W; Love, Hate, Death and High C's off campus course is cancelled.)

Prerequisite: None

This is an introductory course in the study of opera, designed for those who have little or no experience with it. Using videos as the medium, students will have the opportunity of viewing fully staged operas selected from the great periods of operatic development. The course will cover the components of operatic production and singing, libretto adaptation from original sources, and the relationships of music to the dramatic stage. Students will, by the course's end, have a clearer knowledge of why opera has remained a dramatically viable art form for 400 years.

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

First Session: 1/3/90; KE 115

Instructor: **E. LeRoy****Course Name: The Portrait as Color Close-Up****Course Number: A 323W**

Prerequisite: A 231

This course will allow the instructor and the students to explore the complex functioning of color employed exclusively in the form of painted dots, and applied exclusively to images of the human head. The course will start by considering the results obtained by Georges Seurat in his pointillist paintings based on 19th century color



theory and proceed to a study of the late 20th century works of Chuck Close, considered as examples of process-orientated, photo-imitative art. Student paintings will be based in a large part on photographs they will make of themselves, each other and outside models.

Class Meetings: MTWTh, 10:00-1:00

First Session: 1/3/90; CO 112

Instructor: **T. Peterson**

**Course Name:** *Portraits of the Modern Jew in American Film and Fiction (C)*

**Course Number:** R 221W

(This course to be offered only if R 233W: The Land And People of Ancient/Modern Israel off campus course is cancelled.)

Prerequisite: None

A study of modern and contemporary American Jewish history and experience through film and fiction. We will examine events, themes, and characters portrayed in films such as "Hester Street," "Yentl," "The Chosen," "The Apprenticeship of Dudi Kravitz," "Radio Days," and "The Jazz Singer," and in short stories by Isaac Bashevis Singer, Philip Roth, Sholom Aleichem, and others. Our discussion will highlight cultural and religious patterns of American Jewish life through a focus on topics such as the immigrant experience; assimilation; acculturation; intermarriage; ethnic vs religious identity; and religious renewal.

Class meetings: MTTh, 10:00-12:00 noon, MW 7:00-10:00 p.m.

First Session: 1/3/90; KMC 1

Instructor: **Y. Greenberg**

**Course Name:** *The Psychology of Competition*

**Course Number:** PE 210W

Prerequisite: None. (Note: This course does not count as an elective in Psychology)

You will discover specific strategies for practice, training, and optimal sports performance and examine the influence of the sports experience on physical growth and development, personality, and the American culture.

Class Meetings: M-F, 10:00-12:00 noon

First Session: 1/3/90; EAFH

Instructor: **P. Jarnigan**

**Course Name:** *Public Policy Analysis*

**Course Number:** PO 324W\*

Prerequisite: None

This course is designed to introduce students to several different formal techniques for analyzing problems in public policy. Several public policy areas will be examined substantively, including civil rights, discrimination, voting rights, and crime. The logic of each policy goal and

the problems associated with achieving success in those policy areas will be examined.

Class time will be devoted to helping the students learn what are the appropriate types of data, to study the particular policy problem, interpreting computer output, and analyzing the results. A substantial amount of time will be spent in the computer lab, using computer applications to assist in analysis of these policy problems. No background in public policy, politics, computer usage or statistics is presumed or required.

Class Meetings: MTWTh, 1:00-3:30

First Session: 1/4/90

Instructor: **D. Davison**

**Course Name:** *Readings in Latin: Medieval Tales*

**Course Number:** CL 200W

Prerequisite: One year of college Latin or two years of high school Latin.

This course is designed for students who have learned (perhaps at some distant time in a previous life) basic Latin grammar and now wish to review and improve their reading skills. The text for the term will be Helen Waddell's *A Book of Medieval Latin*. The readings of this book (edited for a beginning level of reading) present an interesting insight into the life and literature of the middle ages. Selections include legends of saints, fables, songs, poems by Ausonius, Abelard, and Alcuin, hymns (e.g. the *Dies Irae*), the Vulgate, and William Fitzstephen's eye witness account of the murder of St. Thomas Becket.

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

First Session: 1/3/90; HK 100

Instructor: **J. Heath**

**Course Name:** *Religion and the Environment*

**Course Number:** R-ES 275W

Prerequisite: None

Some scholars have claimed that Western religious beliefs and practices are among the major causes of current environmental crises that the Jewish and Christian religions have shaped exploitative attitudes toward nature. The aim of this course will be to explore Western religion (in comparison with some Eastern traditions) to see to what extent this claim is true. The focus will be on how beliefs (and their related practices) about God, creation, human nature, the world, human purpose, and salvation shape human attitudes and behavior toward the environment.

Class Meetings: M-Th, 2:00-4:30

First Session: 1/3/90; KMC 1

Instructor: **K. Peters**



**Course Name: *Revolutionary Women***

**Course Number: SO 235W\***

Prerequisite: None

Tales of revolution, wherever they are told, are the story of larger-than-life heroes and villains and their violent deeds. Most accounts credit men and delineate revolution in men's political actions. But the women who have moved social change forward are silenced and hidden. Indeed, in order to encompass the lives and acts of women, we will have to extend common notions of "political" and "revolutionary". In this course, we will begin with the women — some famous, others nameless — who have been significant actors in the major social upheavals of this century. From this beginning point we will investigate further the particular social and political contexts in which revolutionary women have arisen. Where they are available, we will use autobiographical statements, along with analytical and theoretical accounts, documentaries, movies, and novels as our resources.

Class Meetings: MTWTh, 1:00-3:30

First Session: 1/3/90

Instructor: **A. Mueller**

**Course Name: *School Counseling: Programs and Processes***

**Course Number: ED 296\*W**

(This course to be offered only if ED 165W: Education in England and Scotland off campus course is cancelled.)

Prerequisite: None

This course will examine the five basic services of school counseling. The students will visit counseling programs in the area.

Class Meetings: M-Th, 10:00-12:00

First Session: 1/3/90; TBA

Instructor: **L. Cotanche**

**Course Name: *The Short Story***

**Course Number: E 260W**

Prerequisite: None

Our concern in this class will be to read a variety of short stories, concentrating not only on what happens (plot, theme, character), but also on the ways that the stories are told (narrative technique). We will move from your immediate response as a reader—do I like this story or not?—to the question of how the writer's narrative choices shape your response. Another question we will consider: how do short stories differ from novels? What can the short story do that the novel cannot? Rather than a historical survey, this course will include stories by a diverse group of writers in order to give you an understanding of the

different forms that a story might take and an awareness of the genre's possibilities.

Class Meetings: MTThF 9:30-12:00

First Session: 1/4/90; TBA

Instructor: **B. Baldwin**

**Course Name: *Social Aspects of Advertising***

**Course Number: SO 212W**

Prerequisite: None

A pervasive network of advertising integrates every nook and cranny across the nation into a single, gigantic salesroom. Hucksters of every ilk fervently pitch a multi-hued array of products and images into an artful display that only nature does better. The mediated power of this artistic commerce guides our "freely" made choices with subtle precision, shaping brand preference and compelling us to satisfy wants rather than needs, as to select fat over nutrition, status over transportation, sexuality over denim pants, sugar over water, tobacco over health. The literature on social aspects of advertising reveals an influence that both creates and refines gender norms and values, feelings of self worth, political views and candidates, images of family, social ideology, health and disease processes (thin is in), definitions of social success and superiority. Other issues include ethics, professional advertising, fraud and credibility of advertisements, and government regulation. The objective of the course is to review and discuss the literature on social aspects of advertising. The means include: lecture, discussion, group and individual projects using video equipment, and field trips to local ad agencies.

Class Meetings: MTWTh, 9:00-12:00 noon, plus MTWTh, 1:30-3:30 p.m. of the third week.

First Session: 1/3/90; TBA

Instructor: **A. Jones**

**Course Name: *Social Responsibility: A Business Perspective (V)***

**Course Number: BA 393W**

Prerequisite: Junior or Senior level

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

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

First Session: 1/4/90; TBA

Instructor: **W. Hepburn**



**Course Name: *Sociology of Human and Animal Interdependence***

**Course Number: SO 285W**

Prerequisite: None

This course examines a variety of human-animal relationships from a sociological perspective. Topics to be covered include interspecies communication studies (particularly those focusing on dolphins, chimpanzees and gorillas), the role of pets (companion animals) in human society, the trainer/performer relationship, animal rights (factory farming, the fur issue, use of animals in scientific experiments, etc.), the symbology of animals in culture, claims about the inter-psychic potentials of humans and animals, and the media portrayal of animals and animal life. This course will draw together some of the strands of research and theory that are producing the current popular fascination with the human-animal bond.

Class Meetings: MTWTh, 10:00-12:30, W 6:00-10:00 for films, guest speakers, and laboratory work. Whole days for 2-3 field trips.

First Session: 1/3/90; TBA

Instructor: **L. Glennon**

**Course Name: *The Soviet Union and World War II***

**Course Number: H 295W**

Prerequisite: None

Many Americans have a great interest in World War II. Yet, they are largely ignorant of the role of the USSR in the war and uniformly skeptical of the assertion that the Soviet-German war contributed the most crucial portion of that conflict. Even those "war buffs" who support a veritable industry of literature on key Western or German generals know little about the victorious Red Army or Soviet commanders such as Zhukov or Chiuikov.

This course will offer students the opportunity to study in depth the war time experience of the USSR. We shall concentrate on the following topics: Soviet foreign policy and the outbreak of the war; Soviet strategic and tactical conduct of the war; Soviet war aims and diplomatic relations with the Allies, the economic and political dimensions of the war (including issues of German occupation, resistance, and collaboration); and the war's impact of Soviet society and culture.

Class Meetings: M-F, 1:00-3:00

First Session: 1/3/90; TBA

Instructor: **C. Edmondson**

**Course Name: *Through the Looking Glass with Alice: Identity from the Other Side***

**Course Number: PH 155W\***

Prerequisite: None

Do you know who you are? Is the real you a function of your size, shape, time, place, biography, memory? If you woke up tomorrow as a giant bug or with no memory of any past would you still be you? Are you the product of your genetic encoding and environment, a creation of your own making, or the figment of someone else's imagination? Do you have one self that will last for a lifetime or are you a bundle of multiple selves always on the verge of dissolving? We will explore the limits of identity through fiction (e.g. Lewis Carroll, Duras, Figs, Kafka), science fiction (e.g. Ray Bradbury, Ian MacDonald, William Gibson), case studies and thought experiments. In addition to stretching the limits of our identities, we'll also attempt to reconstitute ourselves through exploration of what (if anything) forms the core of "me". Using ourselves and the characters and actual cases we look at for inspiration, we'll look at some philosophical theories of the self and work up some theories of our own.

Class Meetings: M-Th, 9:30-12:00

First session: 1/3/90

Instructor: **T. Lorraine**

**Course Name: *Urban Economic Issues***

**Course Number: EC 253W**

Prerequisite: EC 212, not open to students who have completed EC 361

Microeconomic principles will be used to analyze a variety of economic issues and problems in metropolitan areas. Topics will be chosen from current issues in urban transportation, poverty, housing, zoning, growth controls, and urban public economics. After some introductory lectures on the appropriate theory, the class will be conducted seminar style, with a heavy emphasis on student presentations and class discussion.

Class Meetings: MTWTh, 10:00-12:00; M, 1:00-3:00

First Session: 1/3/90; CSS 230

Instructor: **R. Steen**

**Course Name: *Using Technology to Explore Statistics (M)***

**Course Number: M 171W**

Prerequisite: None

Descriptive and inferential statistics will be investigated using a variety of technology including statistical packages. Film presentations will supplement the text.

Class Meetings: MTThF, 1:00-3:30

First Session: 1/4/90; BU 326

Instructor: **G. Child**



**Course Name: Vertebrate Histology and Microtechnique**

**Course Number: B 381W\***

Prerequisite: B 120-121

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

Class Meetings: Four days a week (free day will rotate),  
9:00-12:00 noon

First Session: 1/3/90; TBA

Instructor: **J. Small**

**Course Name: A Video-Based Introduction to Psychology**

**Course Number: PY 190W**

(This course to be offered only if PY 288W: How The Soviets Do Science: Psychophysiology/Neuropsychology as a Case Study off campus course is cancelled.)

Prerequisite: None

The 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 medium 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 act.

Class Meetings: Monday through Friday, 1-2 hours per day  
Video Viewing, 1-2 hours per day discussion—1:00-3:00 p.m.

First Session: 1/3/90;

Instructor: **R. Ray**

**Course Name: Visions of Paradise: Readings and Research in Florida History and Literature (L)**

**Course Number: E 212W**

Prerequisite: None

This course will examine how different groups have perceived Florida as a place of restoration and renewal. After an introductory discussion of the concepts of paradise, we will explore the meaning of the Florida experience from the perspective of the people—Spanish, English, Native Americans, Blacks, and White Americans—who came to the peninsula in successive waves. After a week and a half of class discussions, students will spend a week and a half working in the Rollins archives and other sites on research projects. The final week will be devoted to presenting projects in class.

Class Meetings: Week I: M-F 9:00-12:00 Classroom; Week II: M-W 9:00-12:00 Classroom, ThF Research; Week III:

M-F Research; Week IV: M-F Classroom

First Session: 1/3/90; OR 205

Instructor: **M. O'Sullivan**

**Course Name: Visiting Playwright Production Seminar**

**Course Number: TA 300\***

Prerequisite: None

This course is intended to launch the first in a series of production/seminars examining in depth the works of an American contemporary playwright in residence. It will also incorporate the efforts of two or three senior theater majors who will produce and direct a work (or part of a work) for public performance as a culmination of seminar activities (this will replace the normal practice of majors independently producing full length works as Independent Study Projects).

The success of the course will depend on the presence of the playwright. He/she will participate in classroom discussion and be in attendance as consultant for rehearsals of the scheduled projects. He/she will also be available to the campus at large as a Visiting Lecturer. The overall objective is an in-depth examination of the impact of the visiting playwright on the contemporary theater scene. The course will thus be structured to include both an academic analysis of the playwright's total output, and public presentation of his work. Mornings will be devoted to classroom discussion, lectures and readings. Afternoons and evenings will be allocated to the two or three production units composed of student actors, technicians, designers, under the leadership of student directors who are responsible for the public performances.

Class Meetings: M-F, 10:00-12:00, 2:00-5:00, 7:00-10:00

First Session: 1/3/90

Instructor: **Juergens - Mendez - Packard**

**Course Name: What's Your Style?**

**Course Number: E 206W\***

Prerequisite: None

What makes up a person's writing style? What are the syntactic, semantic, and structural characteristics that determine writing personality? Is your writing terse? languid? laconic? abrupt? tentative? These questions will be answered in this course which will show students how their own writing can be analyzed for its stylistic features and how they can gain greater control over those features. Students will learn several ways of structurally analyzing their own writing and will practice methods of refining their own styles. This class will be particularly helpful to students who are interested in exploring alternative approaches to traditional grammar instruction in the English curriculum.

Class Meetings: MTWTh, 10:00-1:00

First Session: 1/3/90; TBA

Instructor: **L. Couch**



**Course Name: *Of Women Born: Reproduction and the Politics of Motherhood***

**Course Number: PO-WS 290W**

Prerequisite: None

In the late 19th century, advocates of birth control were jailed for violating obscenity laws. Although ancient societies had permitted the wide-scale practice of birth control, America did not. Laws forbidding the practice of birth control were changed only after years of agitation; and not until 1973, in the Supreme Court case of *Roe v. Wade*, was the right to have an abortion constitutionally guaranteed. In the 1980's, Americans face new questions about reproduction and motherhood. In particular, personal and moral conflicts about new reproductive technologies (such as surrogate motherhood) will have to be resolved through our legislative and judicial institutions. Why has an issue as intensely private as reproduction attracted so much public concern? What does that level of public concern tell us about our society's attitudes toward men and women, motherhood, and the family? To address these questions, this course will examine the history of the birth control movement, the contemporary debate between "pro-choice" and "right-to-life" forces, and the recent conflicts (as in the "Baby M" case) about the place of new reproductive technologies in our society.

Class Meetings: M-Th, 9:00-12:00

First Session: 1/3/90; CSS 221

Instructor: **L. Greyson**

**Course Name: *Women: Psychology's Challenge***

**Course Number: PY 303W**

Prerequisite: PY 101 Introduction to Psychology

Traditional psychological views of the female personality have focused on describing the differences between females and males by drawing upon male norms, and comparing women as a special case. In more recent years, psychological researchers have argued for a shift in perspective which focuses on the uniqueness of the female experience as perceived by the women themselves. This course will survey a series of topics in the Psychology of Women as presented by both traditional and contemporary writers, and will examine the implication of the emerging psychological point of view. Topics will include: theories of female personality, the relation between physical and psychological characteristics, intellectual abilities, moral development, emotional development, and women and mental health.

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

First Session: 1/3/90; JC 125

Instructor: **M. Ruiz**

**Course Name: *Women's Biology: Women's Health (V)***

**Course Number: AN-WS 370W**

Prerequisite: None

Students will become acquainted with the basic reproductive physiology of women and go on to consider selected health problems. These problems will be discussed in terms of physiology and in terms of the response of the American medical establishment to their prevention and solution. Among the topics considered will be: birth control, venereal disease, amenorrhea, dysmenorrhea, fertility. Emphasis will be placed upon your learning techniques for dealing with these and related problems in real-life situations.

Class Meetings: M-F, 1:00-3:00 p.m.

First Session: 1/3/90; CSS 121

Instructor: **C. Lauer**

**Course Name: *Women and Work***

**Course Number: EC 239W**

Prerequisite: None

In this course we will study a variety of issues concerning women's work, both inside and outside the home. We will examine the economic effects that increasing numbers of working women have had on the households and the U.S. economy, identify problems faced by working women, and investigate possible "solutions" to those problems, including evaluation of current government and private policies, as well as a study of proposed policies. Topics may include, but are not limited to: wage differentials between women and other workers; the effects (if any) of comparable worth, affirmative action, other government programs, and discrimination on women's incomes; special policies for working mothers; networking; valuation of household work. Additional topics of interest to students may also be included.

Class Meetings: M-Th, 10:00-12:00; M, 1:00-3:00

First Session: 1/3/90; CSS 232

Instructor: **C. Skelly**



**Course Name:** *The World Economy*

**Course Number:** EC 368W

(This course to be offered only if EC 188W: The Orient Express — Comparative Political Economies of the Balkans off campus course is cancelled.)

**Prerequisite:** EC 212 & 213

A survey of the world economy emphasizing historical and evolutionary perspectives. Approximately half of the readings will focus of the evolution of the world's economy from the 15th century to the recent past. Others will provide a detailed description of the contemporary world economy and review recent major changes in economic relations and institutions. Students will be asked to develop a critical analysis of the different theories and explanations seeking to "understand" the world economic system. These theories also point to different future paths of development, and the students will critically examine these possibilities as well. We will try to develop the issues and descriptions of the world economy in a series of papers and student presentations on the assigned readings.

**Class Meetings:** MTTh, 1:30-4:00; W, 7:00-9:00 p.m.

**First Session:** 1/3/90; TBA

**Instructor:** C. Rock



The statements published in this bulletin should not be regarded as a contract between Rollins College and the student. The College reserves the right to revise information, regulations, course offerings, academic requirements, financial aid, or fees when deemed necessary or desirable by the administration. Every effort will be made to notify students affected by such changes if they occur.

It is the responsibility of the student to keep apprised of all changes.



# INDEX

ALLEN, BARRY	
ES 373W Images of Environment Through Film . . . . .	14
BALDWIN, BETH	
E 260W The Short Story . . . . .	19
BERNAL, PEDRO	
C 120C More Chemistry . . . . .	17
BLAKE, MARGO	
D 120W African and Caribbean Dance . . . . .	7
BLOSSEY, ERICH	
C 245W Fourier Transformation: NMR Spectroscopy . . . . .	12
BORSOI, EDWARD	
E 189W Damon Runyon's Broadway Stories . . . . .	13
CARSON, BARBARA	
E 340W The Novels of Anne Tyler . . . . .	17
CHANDLER, STEVEN	
PE 201 Applied Exercise Physiology . . . . .	7
CHILD, DOUGLAS	
CS 298W Introduction to Object-Oriented Programming . . . . .	15
CHILD, GLORIA	
M 171W Using Technology to Explore Statistics . . . . .	20
CHRISTENSEN, KERRY	
FL-IC 288W Alexander the Great . . . . .	7
COHEN, EDWARD	
E 244W A Fiction Workshop . . . . .	11
COLEMAN, PERSIS	
B 102W Biotechnology and Bioethics . . . . .	8
COOK, THOMAS	
PH-R 224W Gandhi, King: The Philosophy of Non-Violence . . . . .	12
COTANCHE, DELOIT	
ED 165W Education in England and Scotland . . . . .	5
ED 296W School Counseling: Programs and Processes . . . . .	19
COUCH, LEZLIE	
E 206W What's Your Style? . . . . .	21
CURB, ROSEMARY	
E WS 269W Gay/Lesbian Images in Literature and Film . . . . .	13
DAVISON, DONALD	
PO 324W Public Policy Analysis . . . . .	18
DAVISON, JOAN	
PO 255W Glasnost: State of Eastern Europe . . . . .	13
DECKER, NANCY	
GN-IC 266W The Holocaust . . . . .	14
EDGE, JEAN	
E-IC 275W Future Shocked/Future Solved . . . . .	12
EDMONDSON, CHARLES	
H 295W Soviet Union and World War II . . . . .	20
ENG-WILMOT, LAWRENCE	
C 219W Fusion In A Bottle: Chemical Synthesis & Analysis . . . . .	12



FARKASH, MARTIN	
PY 204W Hanging Loose in an Uptight World . . . . .	14
FERNANDEZ, JOSE	
LACA 206WX History of the Caribbean . . . . .	14
GIL, FEDERICO	
LC-PO 217W Latin America and the U.S. in World Politics . . . . .	16
GLENNON, LYNDA	
SO 285W Sociology of Human/Animal Interdependence . . . . .	20
GORRELL, ISABELLE	
FR 140W Conversations in French . . . . .	9
GREENBERG, YUDIT	
R 233W Land, People of Ancient and Modern Israel . . . . .	5
R 221W Portrait of Modern Jewish-American Film & Fiction . . . . .	18
GREGORY, EILEEN	
B 125W Biology Today . . . . .	8
IC 278W Egypt and Crete: Cross-Cultural Study . . . . .	5
GREYSON, LAURA	
PO-WS 290W Reproduction and the Politics of Motherhood . . . . .	22
GRIFFIN, DONALD	
H-IC 282W Dawn of the Nuclear Age . . . . .	10
HALES, WAYNE	
EC 182W Medical Economics . . . . .	17
HALLAM, HALLIE	
A 205W American Folk Art . . . . .	7
HEATH, JOHN	
CL 200W Readings In Latin: Medieval Tales . . . . .	18
HELLMUTH, NICHOLAS	
A-LC 220W Deciphering Ancient Hieroglyphics . . . . .	8
HEPBURN, WILLIAM	
BA 393W Social Responsibility: Business Perspective . . . . .	19
HICKMAN, KATHRYN	
B-ES 155W Introduction to Central Florida Ecology . . . . .	15
JARNIGAN, PEGGY	
PE 210W Psychology of Competition . . . . .	18
JONES, ARTHUR	
SO 220W Social Aspects of Advertising . . . . .	19
JUERGENS, ROBERT	
TA 300 Visiting Playwright Production Seminar . . . . .	21
KERR, ROY	
SH 240W Don Quixote in English Translation . . . . .	10
KLEMMANN, STEPHEN	
B 380W Mammalian Developmental Biology . . . . .	16
KYPRAIOS, HARRY	
EC 188W The Orient Express . . . . .	6
LARNED, RONALD	
A 296W Instant Image: Polaroid Photography . . . . .	15
LAUER, CAROL	
AN-WS 370W Women's Biology/Women's Health . . . . .	22
LE ROY, EDMUND	
MU 112W Opera on Video . . . . .	17
MU 207W Love, Hate, Death and High C's . . . . .	6



LEMON, ROBERT	
A 242W Angels of Art: Arts and Patrons . . . . .	7
LEVIS, R. BARRY	
H 180W Darwin and Monkey Business . . . . .	10
LIBERTUS, RONALD	
AN—LC 374W Culture of the Indians of the American Southwest . . . . .	10
LIMA, RICHARD	
FR 171W The French Cinema . . . . .	12
LORRAINE, TAMSIN	
PH 189W Through the Looking Glass With Alice . . . . .	20
LUCKETT, JUDITH	
SH 160W Beyond Spanish Grammar . . . . .	8
MACLEOD, MARK	
AU-E 223W The Masculine Mythology of Australian Literature . . . . .	16
MACGONIGAL, CIARAN	
A 255 History Through Art: The Irish Dimension . . . . .	14
MC CALL, JOHN	
BA 490W Internships . . . . .	15
MANTON, MARION	
AU-B 125W The Evolution of the Australian Biota . . . . .	11
MENDEZ, ANTHONY	
TA 300 Visiting Playwright Production Seminar . . . . .	21
MESAVAGE, RUTH	
D 292W Intermediate Ballet/Choreography . . . . .	14
MOORE, ROBERT	
AN 216W African-American Language & Culture . . . . .	7
MUELLER, ADELE	
SO 235W Revolutionary Women . . . . .	19
NALEWAY, RALPH	
M 105W Finite Mathematics . . . . .	11
NEWMAN, MARVIN	
IC 333W Law, Government and Human Rights: England/France . . . . .	6
IC 209W Lawyers in Literature, Film and Theater . . . . .	16
NORDSTROM, ALAN	
E-IC 297W Creative Thinking . . . . .	9
O'SULLIVAN, MAURICE	
E 212W Visions of Paradise: Florida History . . . . .	21
PACKARD, JAMES	
TA 300 Visiting Playwright Production Seminar . . . . .	21
PAPAY, TWILA	
E 393W Expository Writing for Business . . . . .	11
PASTORE, PHILIP	
E 214W The Grotesque in Literature . . . . .	13
PETERS, KARL	
R-ES 275W Religion and the Environment . . . . .	18
PETERSON, THOMAS	
A 323W Portrait As Color Close-Up . . . . .	17
POLLEY, PATRICK	
IC 278W Egypt and Crete: Cross Cultural Study . . . . .	5
P 118W Light and Sight . . . . .	16



PRZYGOCKI, ANTHONY	
M 143W Gödel, Escher, and Bach . . . . .	13
RAMSEY, BRIAN	
C 110W Chemistry and the Environment . . . . .	9
RAY, ROGER	
PY 288W How the Soviets Do Science. . . . .	5
PY 190W Video-Based Introduction to Psychology . . . . .	21
ROCK, CHARLES	
EC 188W The Orient Express . . . . .	6
EC 368W The World Economy . . . . .	23
RODGERS, CHARLES	
TA 245W Broadway, Theater and Humanities. . . . .	5
ROGERS, DONALD	
IC 201W Career Development . . . . .	9
ROSS, JOHN	
P 150W Modern Cosmology . . . . .	17
RUIZ, MARIA	
PY 303W Women: Psychology's Challenge. . . . .	22
SCHEER, EDWARD	
B 162W Introduction to Evolution . . . . .	15
SCHUTZ, ERIC	
EC 322W Economic Concentration and American Society . . . . .	11
SHERRY, ROBERT	
TA 300 Broadway, Theater and Humanities . . . . .	5
SHOTLANDER, SANDRA	
AU-E 208W Land, People, Passion: Australia . . . . .	15
SKELLEY, CHRISTINE	
EC 239W Women and Work . . . . .	22
SKIDMORE, ALEXANDRA	
M 307W Dynamical Systems . . . . .	10
SMALL, JAMES	
B 381W Vertebrate Histology and Microtechnique . . . . .	21
STEEN, ROBERT	
EC 253W Urban Economic Issues. . . . .	20
STEPHENSON, BRUCE	
ES 133W Ecosystem: the Keys and the Everglades . . . . .	5
STEWART, MARILYN	
AN-LC 254W Florida Indians and Their Neighbors . . . . .	11
TAYLOR, KENNA	
EC 249W Cases in Political Economy . . . . .	9
THOMPSON, ROBERT	
IC 324W Serving in the Third World . . . . .	6
UPSON, JAMES	
PY 247W Forensic Psychology . . . . .	11
WILLIAMS, GARY	
ICH 282W Dawn of the Nuclear Age. . . . .	10
WOODHOUSE, JAMES	
E 258W Brush Up Your Shakespeare . . . . .	8



## **DATES TO REMEMBER**

**OCTOBER 16-20**

Registration for Off-Campus Studies

**NOVEMBER 6-10**

Registration for Winter and Spring Terms

**NOVEMBER 10**

Deadline for Submitting  
Independent Study Proposals to Department Heads

**NOVEMBER 15**

Deadline for Application to  
Engineering Program at Washington University

**NOVEMBER 17**

Deadline for Submitting  
Independent Study Proposals to the Dean of Faculty

**JANUARY 3**

Winter Term Begins

**JANUARY 5**

Last Day to Drop or Add a Course

**JANUARY 19**

Last Day to Withdraw Without Penalty

**JANUARY 31**

Winter Term Ends

**FEBRUARY 5**

Spring Term Begins



**Rollins  
College**

Winter Park, Florida