

# THINK OUTSIDE



**EckerdCollege**  
on FLORIDA'S GULF COAST



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## CATALOG DISCLAIMER

While students are normally eligible to graduate in accordance with the degree requirements in the printed catalog in the academic year in which they enter and major requirements in effect at the time of the declaration of the major, students should not assume that the catalog is a contract between Eckerd College and students. The *Eckerd College Catalog* is not a contract, express or implied, between the Eckerd College and any person or entity.

This catalog is published for informational purposes and represents the most accurate information available at the time of publication but is subject to change without notice. The College reserves the right to correct or otherwise change any such information at its sole discretion. The information provided, therefore, should be used only as a reference and planning tool. Students should always consult with the appropriate academic department or administrative offices for current information. If changes are made which would be to the student's advantage, the student may graduate under the new conditions.



# ECKERD COLLEGE

## AN INTRODUCTION

A coeducational college of the liberal arts and sciences, Eckerd College is related by covenant to the Presbyterian Church (U.S.A.). The campus is located on 188 acres of tropical waterfront property in a suburban area of St. Petersburg, Florida.

The school was founded in 1958 as Florida Presbyterian College and admitted its first students in 1960. In 1972, the College's name was changed to honor the late Jack M. Eckerd, a prominent Florida civic leader and businessman whose gifts and commitments to the institution have helped to insure its continuing excellence. More than 11,000 graduates are seeking to lead lives of leadership and service in communities throughout the world.

### ACCREDITATION

Eckerd College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelors degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, or call 404-679-4500 for questions about the accreditation of Eckerd College. The Commission requests that they be contacted only if there is evidence that appears to support an institution's significant non-compliance with a requirement or standard. For more information about the Commission, please visit their website at [www.sacscoc.org](http://www.sacscoc.org).

# Eckerd College Mission Statement

The mission of Eckerd College is to provide excellent, innovative undergraduate liberal arts education and lifelong learning programs in the unique Florida environment, within the context of a covenant relationship with the Presbyterian Church (U.S.A.).

The College expects its students to acquire a broad knowledge of past and present human cultures and of the rich and varied perspectives of different academic areas.

The College expects its students to engage intellectually with the enduring questions of purpose, value, and meaning and to reflect seriously on the spiritual dimension of human existence.

The College expects its students to acquire the intellectual depth appropriate to a baccalaureate education in a single discipline or subject, including mastery of a particular body of knowledge and an understanding of its principal modes of inquiry.

The College expects its students to deepen their awareness and comprehension of two central issues: sustaining the natural environment and fostering cross-cultural understanding and respect for diversity in a global society.

The College expects its students to strengthen their sense of personal and social responsibility for ethical reasoning and action, constructive community engagement, and thoughtful leadership through meaningful participation in campus life and the wider community.

The College expects its students to develop and nurture the intellectual and practical skills that result from a liberal education: critical inquiry and analysis, effective written and oral communication, quantitative and information literacy, and teamwork and creative problem solving.

The College offers lifelong learning programs consistent with the purposes, content, and values of a liberal arts education.

Pursuant to these aims Eckerd College supports a faculty dedicated to fostering student learning through effective teaching and mentoring, productive scholarship and artistic endeavor, and broad participation in the campus community. Eckerd also supports a staff dedicated to creating an environment that fosters the College's learning community and supports the students in their intellectual, artistic, and moral development.

The governing board, administration, faculty, and staff share a commitment to sustaining and improving a college community that fosters a strong values-oriented liberal arts education for its students.

Approved by the Board of Trustees  
November 15, 2008

## ECKERD COLLEGE BASIC COMMITMENTS

This catalog is designed to give a comprehensive picture of Eckerd College. We are proud of what we have achieved and welcome the reader to join us in an exciting and continuing educational adventure. As you read this document, you should be aware of certain basic commitments that have guided the college's history and planning. These commitments and the efforts to achieve them have enabled Eckerd College to be distinctive among the 3,000 colleges and universities in the United States.

### THE COMMITMENT TO INDIVIDUAL DEVELOPMENT

The primary purpose of the educational program is to foster the personal development of each student. We seek to prepare students for the basic responsibilities of life, especially for competent, humane leadership and service. We are vitally concerned with the development of *whole* persons and therefore encourage the intellectual, spiritual, cultural, social, emotional, and physical growth of each student. While education is a lifelong process, the Eckerd experience is designed to assist students to go beyond the limitations imposed by ignorance, narrowness, conformity, self-centeredness, and irresponsibility. Our aims are to help individuals achieve excellence in thought and conduct and to spark their imagination about future possibilities.

### THE COMMITMENT TO SPIRITUAL LIFE

Eckerd College was founded by the Presbyterian Church (U.S.A.), a tradition of Reformed Christianity that believes an educated society is crucial for resisting political and religious tyranny. These Presbyterian founders built the college on the foundational conviction that truth, in its innumerable forms and expressions, holds the power to set humanity free from oppressive ideas and practices. This conviction is the heart and soul of a liberal arts education.

To nurture this foundational conviction, Eckerd College maintains a covenant relationship with the Presbyterian Church (U.S.A.). This relation-

ship with the church empowers the campus community to embrace students, faculty, and staff of many different faiths and those of no faith. Everyone on this campus is welcome to participate in the search for truth through open dialogue about human spirituality, religion, and worldwide expressions of faith.

The General Education program includes study of important religious texts, art, architecture, and ritual from many traditions. The Center for Spiritual Life sponsors lectures, workshops, and on-campus activities designed to stimulate a deeper evaluation of human spirituality among students, faculty, and staff, as well as members of the surrounding community. Campus Ministries and the Campus Chaplain work directly with students to help them address personal questions of faith, clarify beliefs, assess values, and discover the power of responsible action. Service Ministry provides life-expanding opportunities for faith-based outreach in the larger world.

Through intellectual inquiry, social interaction, worship, service, and recreation, Eckerd leads students into the life-changing spiritual riches of a complete liberal arts experience.



## **THE COMMITMENT OF FACULTY TO STUDENTS**

The relatively small size of the Eckerd student body allows numerous opportunities for close personal relationships between students and faculty. Each Eckerd student has a faculty academic advisor, known as a “Mentor,” who seeks to facilitate the total growth of students and helps them to get the most out of their college years.

Because the faculty is committed to the primary importance of teaching, it has developed a reputation for excellence in the teaching of undergraduates. Many Eckerd College faculty members are engaged in primary scholarship and artistic creativity and, wherever possible, seek to involve students in these enterprises. The intention of the faculty is to provide an educational environment characterized by high expectation, personal attention, and enthusiasm for learning.

## **THE COMMITMENT TO GENERAL EDUCATION**

While Eckerd College is committed to helping students develop competence in a specific field of study, it is equally committed to general education.

A four-year, interdisciplinary, values-oriented general education program has been the centerpiece of a liberal arts education at Eckerd College since the first students enrolled in 1960. General education will provide you with the ideas and methods of inquiry that the College and the scholarly community believe are common to well-educated persons. The central objective of the general education curriculum is to help you consider the many and varied ways of knowing, creating, and assessing meaning and value, and the ways in which these are connected with one another. Our program is designed to foster your intellectual curiosity; to introduce you to a broad but coherent study of the methodologies, important texts, and theories of the arts, humanities, sciences, and social sciences; and to help you develop the ability to think and communicate clearly about a wide range of

classical and contemporary issues. Eckerd's general education program is thus intentionally wide ranging, interdisciplinary, and cross-cultural, modeling the broadest possible reach of the liberal arts, transcending any particular course of study, in order to provide you with the skills necessary for critical reflection, complex, thoughtful decision making, and lifelong learning.

The general education program is made up of the Autumn Term project, a quantitative course, foreign language, and the Western Heritage in a Global Context sequence in the first year; one course in each of four academic areas plus an environmental perspective course and a global perspective course in the second and third years; and a course in the Quest for Meaning in the senior year.

## **THE COMMITMENT TO THE INTEGRATION OF LIBERAL ARTS AND CAREER PREPARATION**

The commitment to individual development includes a commitment to helping students prepare themselves for a vocation. Through 38 formal majors and pre-professional programs, opportunities are available to develop the knowledge, skills, and attitudes necessary for successful careers. In addition, through independent study, students are encouraged to enhance the formal curriculum to meet their particular interests and aspirations.

The College recognizes that significant learning can occur in a variety of settings. Internships, jobs, and other off-campus learning experiences, both in this country and abroad, enable students to integrate theory and practice and help them to clarify their values and career choices. Because they are committed to a participatory educational process, faculty engage students in the learning of science, theatre, management and other disciplines by *doing*. The aim is to assist each student to become a self-directed, competent, humane person capable of making a significant contribution to society.

## **THE COMMITMENT TO HUMAN RELATIONSHIPS IN COMMUNITY**

There is rich diversity within the Eckerd College community. Students come to campus from more than 43 states and 28 countries. They enroll from urban, suburban, and rural areas; from developed and developing countries; and from a variety of cultural, ethnic, and religious backgrounds. The cosmopolitan nature of the Eckerd campus enriches the total educational experience as students learn from each other.

Built upon this diversity is a sense of community based upon common objectives, concerns, and experiences. Academic interests provide the basis for a sense of community, which is enhanced by worship, student activities, athletic events, concerts, lectures, and other opportunities for shared experiences. Because most students reside on campus, they have the enriched experiences that occur when people are learning both how to learn and how to live together.

## **THE COMMITMENT TO BE A PACE-SETTING INSTITUTION**

Eckerd College is nationally known for pioneering new programs designed to deal directly with the varying needs of college students. It has shown the will to improve education and the vision and courage to take steps that will facilitate the growth of students. Many of its programs of interdisciplinary study, independent study, international education, values inquiry, and student orientation and advising have become models for other educational institutions. Within the context of its objectives as a church-related college of the liberal arts and sciences, it continues to seek better ways of meeting its commitments.

## **STUDENT HONOR PLEDGE AND A SHARED COMMITMENT**

Upon entering Eckerd College every student is asked to sign a promise to uphold the following statement of Shared Commitment and the Student Honor Pledge:

On my honor, as an Eckerd College student, I pledge not to lie, cheat, or steal, nor to tolerate these behaviors in others.

The choice to join the community of scholars of Eckerd College commits each student to the values embodied in the mission and objectives of this church-related college of liberal arts and sciences. Inherent in this commitment is the responsibility:

1. To use one's abilities and opportunities to pursue personal and academic growth and excellence.
2. To exercise respect for human dignity in attitudes and relationships.
3. To conduct oneself with integrity in academic work and as a citizen of the college community.
4. To respect the rights and property of other students and their need for an environment conducive to scholarly work.
5. To respect the rights and property of Eckerd College and to protect its reputation as a college of distinction with a student body of high quality.
6. To respect and learn from human differences and the diversity of ideas and opinions.
7. To seek out opportunities to prepare for a life of leadership and service.

Each student's commitment to these ideals obligates that student to abide by college regulations and to work with others to prevent the following behaviors that threaten the freedom and respect that members of the Eckerd community enjoy:

1. Academic dishonesty
2. Chronic interference with the right to study
3. Willful destruction of property
4. Theft
5. Personal violence
6. Bigotry
7. Disruptive intoxication

Thus all students share a commitment to excellence and to the creation of a college community in which they can take pride.

# THE ACADEMIC PROGRAM

Since Eckerd College (then known as Florida Presbyterian College) opened its doors, it has earned a reputation for creating new and better opportunities for learning. Eckerd has been consistently rated among the foremost of American colleges and universities.

The College looks for superior methods of educating its students, not in order to be different but to offer a more rewarding and useful educational experience.

For example, you have probably come across such expressions as “4-1-4,” “winterim,” “miniterm,” “interim,” or “winter term.” (All of them mean essentially the same thing: separating the two terms of an academic year with a one month period of study on a single topic.) The Winter Term is an Eckerd College concept. This innovation was created and tested first on the Eckerd College campus; other colleges found it so exciting that they adopted it.

Since the creation of the Winter Term in 1960, Eckerd has discovered and implemented other innovative ways of teaching.

## THE MENTOR

As you enter Eckerd, your Autumn Term instructor will be your Mentor. The original Mentor was the guide and companion of Odysseus. As you are, in a sense, embarking on your odyssey, it is fitting that you have your own Mentor.

Throughout your career at Eckerd, you will have continuing support and counsel from a faculty Mentor, who is more than the conventional faculty advisor. Mentors are faculty members who have been trained to help you in your academic program, career planning, and personal growth. In your freshman year, you will take at least one course from your Mentor, and together you will work out the rest of your academic program for the first academic year.

During the second semester of your freshman year, you are assigned a new Mentor — a specialist in your area of academic concentration. The two of you will continue to plan your academic program, including independent and directed studies, internships, off-campus programs, work experiences, career planning, foreign study, and the many other options that Eckerd offers.

## THE ACADEMIC CALENDAR

Eckerd College follows a modified 4-1-4 calendar. The fall and spring semesters each consist of one short term and one 14-week term which is followed by an examination period. Ordinarily, a full-time student will enroll for four courses each 14-week term.

The three-week Autumn Term for new students occurs in August, before the beginning of the fall semester, while the Winter Term (January) occurs at the beginning of the spring semester. During these shorter terms, you will enroll for no more than one academic project at a time. This format provides for independent investigation of a topic in a concentrated manner.

## THE AUTUMN TERM

As a new freshman or freshman/sophomore transfer student, you will start your Eckerd College experience in mid-August, when you enroll for Autumn Term. In contrast to the usual orientation of two or three days, Autumn Term lasts three weeks. It is designed for new students only and provides an intensive introduction to college living and academic work.

During Autumn Term, you will take one academic course, for credit. This course is stimulating in content, teaches basic academic skills, and focuses on the interdisciplinary nature of learning. The course will give you a clear idea of what is expected of you at Eckerd.

Freshmen choose from more than 20 AT courses offered by the professors who thus become their Mentors (advisors) and their Western Heritage in a Global Context instructors for the freshman year. Typical Autumn Term offerings in recent years have included Women and Fiction, Food in History, Geology of Beaches, The Computer: Slave or Master, Health Psychology, and The Sociology of Sex Roles. Sophomore transfer students will attend an Autumn Term section specifically designed for transfer students.

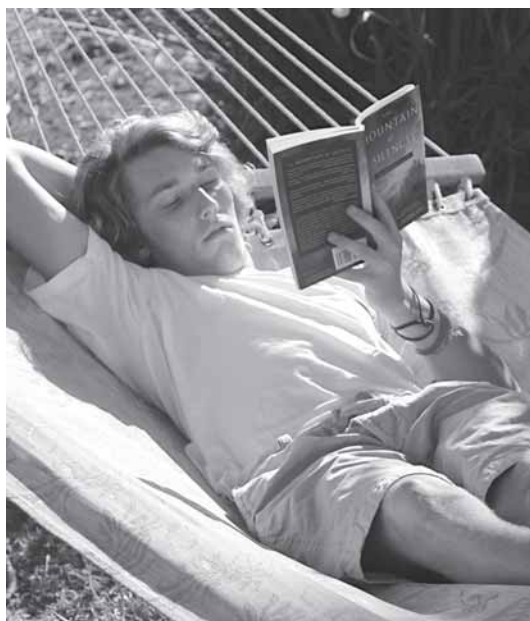
During Autumn Term, you will also learn a great deal about living, working, and playing in a college community. The student Resident Advisor in your residence hall will be on hand during this time to

help you make the transition into college life. In fact, the entire staff of the College and the Autumn Term faculty will participate with you in excursions of inquiry, reflection, and fun. The sense of community that develops will assist you in taking full advantage of the opportunities and resources available on campus. By the time the upperclass students return in September, you will be well established in campus life.

## GENERAL EDUCATION

An important part of your studies throughout your career at Eckerd College will be in general education.

During your freshman year, you will take two classwide interdisciplinary courses called Western Heritage in a Global Context I and II that will explore the cultural riches of the past. Your discussion sections in these courses will be led by your Mentor. In addition you will be expected to demonstrate proficiency in oral communication skills and the ability to use information technology in the first year cultural heritage course and later in your chosen major; demonstrate writing competency by assembling a portfolio of your collegiate writing for evaluation by the faculty; take one college level computation course; take one year of a foreign language or demonstrate competency at the first year by evaluation of the language faculty.



During your years at Eckerd you will also take at least one course from each of four academic areas — the arts, humanities, natural sciences, and social sciences — and one course designated as an environmental perspective and one designated as a global perspective.

Finally, in your senior year, you will take Quest for Meaning, a course that explores issues of purpose, value, and vocation through the lens of the arts, humanities, sciences, and social sciences. The course addresses both classical and contemporary issues and includes a sustained service learning project through which in-class ideas are translated into action.

For a detailed description of the general education requirements, see “Degree Requirements,” page 20 and the Eckerd College General Education website at <http://www.eckerd.edu/academics/gened>.

## WINTER TERM

Winter Term is a special four-week period in January that emphasizes independent study. You may enroll in projects designed by professors or design your own with the sponsorship of a professor. Winter Term provides the opportunity for study concentrated on a single topic. Neither regular catalog courses nor directed study courses are taken as Winter Term projects. Off-campus independent study projects may be taken only by students above freshman standing for whom the off-campus location is essential to the nature of the project itself.

All Winter Term projects must have strong academic merit. A typical project requires you to select a subject, gather information, organize it, and present it as a paper, a short story, a painting, or a performance.

Freshmen may take a Winter Term in addition to Autumn Term. The cost of an additional Winter Term for freshmen is a separate charge not included in the full-time fees. The Leadership and Self-Discovery Practicum for freshmen (see page 9) may not substitute for Winter Term. The Winter Term in the senior year is usually spent working on a comprehensive examination or senior thesis or project required for completion of a major.

As an indication of the range of educational opportunities available through Eckerd College during the Winter Term, the following is a list of project titles offered in the past:

**On Campus:** Communication: Political Humor; Field Ornithology; Commanders of the Ancient World; Sociology of Gender Roles; Theatre Production; Plants and People; Religion and Politics; Writers in Paradise; Literature and the Law; Forecasting Social Change; Leadership and Environmental Service; Memory, Madness and Desire; Rituals and Masks; Workplace Fairness and Leadership; Software Engineering with Java; How the Civil War was Written; Time and Society; Psychology of Prejudice; Leadership Images in the Media.

**Off-Campus:** Greece: The Birthplace of Civilization; The Lively Arts in London; Paris: A Cultural and Linguistic Perspective; Geology: Geophysics of Volcanoes in Hawaii; International Banking in the Caribbean (Cayman Islands); The Ecology of Belize; Mexico: Language and/or Culture; Global Studies at the United Nations.

In addition, there are special Winter Term opportunities for freshmen such as the Leadership and Self Discovery Practicum (see page 9).

## THE COLLEGIUM CONCEPT

Educators acknowledge that the traditional division of learning into academic “departments” is not necessarily the best way to organize the educational process. Increasingly popular among colleges is the interdisciplinary major, in which the student combines courses from two or more disciplines to form an individual academic program. At Eckerd, we have established interdisciplinary “collegia,” which encourage new combinations of studies and demonstrate the interrelatedness of knowledge.

The word “collegium” goes back to medieval days, when it meant a fellowship of equals (i.e., persons communicating without artificial obstacles to discourse) pursuing a common objective (which in Eckerd’s case is learning). The word vividly describes what we are trying to do: to bring you (the student) together with a highly knowledgeable person (the professor) in an atmosphere where you can debate freely, challenge one another’s viewpoints, learn together.

In a collegium, subjects are grouped according to the intellectual discipline required to master them. You learn mathematics and physics in similar ways, for example; but you learn music differently and a foreign language in still another way.

Eckerd faculty members choose to affiliate with a particular collegium, depending upon their approach to their subject. You will do the same. At the end of your freshman year you will focus upon a major or area of concentration and affiliate with the collegium that best suits your perception of that study. Your concentration does not have to lie in a single field, such as history or biology. You can create your own concentration by combining those studies that will help you achieve your career or professional goal. For example, if you wish to become an environmental economist, you can combine economics and biology, thus creating your own concentration to fit your own goal. The collegium concept makes this interdisciplinary approach to learning a natural one that is easy to accomplish.

Eckerd sees the members of a collegium — students and faculty alike — as partners in learning. Professors bring high expectation to the learning process; students are expected to become independent learners and researchers, able to take maximum advantage of their professors’ strong qualifications. Each collegium has its own decision-making group, composed of professors and students, which gives students an important voice in the academic decisions of the college.



## THE FOUNDATIONS COLLEGIUM

Eckerd College provides a special, perhaps unique, program for all freshmen through the Foundations Collegium. This is the first-year home for students, helping them to establish a foundation for their upper-level studies. The collegium's program includes four important parts with a fifth option:

**1. Autumn Term.** Freshmen arrive in mid-August to take a three-week course before the opening of the fall semester early in September. During this time, they also complete orientation and registration. Freshmen choose from 20 or so projects limited to about 22 students each. The professor for that course will be the Mentor for those students.

**2. Mentorship.** Eckerd College has expanded the notion of the academic advisor to allow more help, care, and encouragement to its students. Each freshman has a Mentor from the faculty who helps to guide him or her through the freshman year.

**3. Western Heritage in a Global Context.** All freshmen are required to take Western Heritage in a Global Context I (fall) and Western Heritage in a Global Context II (spring). These courses explore central concepts and materials of civiliza-

tion and introduce freshmen to the themes of Eckerd College's general education program. Western Heritage in a Global Context courses are interdisciplinary, using lecture and discussion formats. The discussion sections are the same groups, with the same instructor, as the Autumn Term groups.

**4. Skills Development.** Students must demonstrate proficiency or take courses to develop skills in composition, foreign language, information technology, oral presentation, and quantitative concepts. For more details see page 20 under Degree Requirements and under Composition in the course listings. Foundations also provides a Writing Center to assist students with their writing and an oral communication laboratory to help them improve their speaking skills.

**5. The Leadership and Self-Discovery Program.** First year students have the opportunity to participate in an optional Winter Term designed specially for them. The Leadership and Self-Discovery Program enables students to develop a better understanding of their own personal attributes and possibilities while improving their learning skills, life planning skills, and leadership skills. The goal of LSDP, which combines worthwhile learning with enjoyable experiences, is to provide first year students with the enhanced skills

and knowledge that will help them get the most from an Eckerd College education. The cost of the program is a significantly reduced tuition fee plus room, board, and fees. The Leadership and Self-Discovery Practicum substitutes for one of the 32 courses required for graduation. It does not fulfill a Winter Term requirement.

At the end of the freshman year, students choose an upper-level collegium and a new Mentor; any students still unsure of what to choose can get help from the Foundations office and/or Career Counseling.

## **THE UPPER DIVISION COLLEGIA**

### **THE COLLEGIUM OF BEHAVIORAL SCIENCE**

Members of the Behavioral Science Collegium believe that the urgent problems of today — racism, environmental pollution, overpopulation, world hunger, and crime — are problems of human behavior. Therefore, there is much to be gained by developing methodological and conceptual tools to understand both individual and collective behavior. Students will encounter quantitative techniques for analyzing data in a statistical methods course. Majors are available in business administration, economics, environmental studies, international relations and global affairs, management, political science, psychology, and sociology.

### **THE COLLEGIUM OF COMPARATIVE CULTURES**

The Collegium of Comparative Cultures seeks to promote an understanding of the breadth of human cultural achievements through languages, area studies, anthropology, international business, and related disciplines. The Collegium serves as both a window and a gateway to the cultures of the world: a window for those who learn in the classroom from professors who have lived and studied in other cultures; a gateway for those who wish to visit these cultures after preparatory study on campus. Language study in Chinese, French, Italian, Japanese, or Spanish can be integrated into a major program or an interdisciplinary concentration with another discipline (such as

International Relations, Political Science, or Comparative Literature), or it may serve to round out a student's liberal arts program. Anthropology encourages students to learn about the world's peoples and cultures, both past and present, as they become experienced in how the methods and theory of the discipline apply to contemporary life. International Business focuses on how business organizations need to adapt their products, services, and management approaches to multicultural marketplaces and workplaces around the world. Areas of emphasis include marketing, finance, and human resources. Students may, in addition, plan their studies around a particular area of the world, and the Office of International Education will assist in planning appropriate study-abroad experiences.

### **THE COLLEGIUM OF CREATIVE ARTS**

Creative Arts Collegium faculty are dedicated to promoting the development of creativity in each person and the integration of the intellectual, physical, emotional, and spiritual dimensions of the self. Sharing a belief in the value of experiential learning, members of the Collegium recognize that students learn as much through experiencing the creative process as in the completion of a product. In addition to programs in art, music, theatre, creative writing, interdisciplinary arts, and communication, where students are encouraged to explore and express their talents within the context of freedom with responsibility, the Collegium includes the human development program where learning to help others realize their full potential is the primary goal.

### **THE COLLEGIUM OF LETTERS**

The Collegium of Letters is composed of students and faculty who share an interest in history, literary and artistic creations, philosophical and religious traditions, and political theories — fields of study that have shaped and enriched human lives from our earliest existence. Our goal in all these disciplines is to understand more fully what it means to be human and to fairly critique ourselves, our institutions, and our world. While we often study events, art, and film, our mutual enterprise in Letters lives primarily in words. We strive to understand and appreciate the texts that

embody human intellect and imagination at its best, the better to know ourselves and be prepared to offer informed, ethical judgments about our collective future.

Letters faculty specialize in and teach the original liberal arts subjects and those deriving from them — philosophy, religious studies, rhetoric, classics and ancient studies, literature, history and political science, American studies, East Asian studies, environmental humanities, and women's and gender studies. We are especially committed to developing skills of close reading, analysis, critical thinking, interpretation, and written and oral expression, thereby preparing our students for graduate and professional training as well as for lifelong career options.

## THE COLLEGIUM OF NATURAL SCIENCES

The Collegium of Natural Sciences brings together biologists, chemists, computer scientists, environmental scientists, earth and marine scientists, mathematicians, physicists, and those interested in the health professions, including medicine, dentistry, and veterinary medicine, to study science and mathematics. The mission of the

Collegium is to educate students in the scientific method and the important ideas of contemporary science; to impart an understanding of the social, economic, and ethical implications of scientific discoveries; to prepare students through in-depth study for careers and advanced study in science, all within the context of a broad, ennobling education in the liberal arts, in the unique natural setting of Florida's Gulf Coast.

The fundamental questions that inform our teaching-learning enterprise in the sciences are: How do we know? What is the evidence? What is the argument that interprets the evidence? Are there alternative explanations? To answer these questions, the Collegium emphasizes the development of the skills of observation, measurement, experimental design, problem-solving, research, and the study of the principles and concepts that are necessary for successful scientific investigation.

The programs in the Natural Sciences provide a learning environment in which students are able to broaden and deepen their response to the beauty of ideas, methods, tools, structures, objects, and living organisms, with the aim to provide students with the knowledge and techniques that will be important in solving the problems of a fast-changing global community.



## THE ECKERD COLLEGE LIBRARY

Designed specifically to meet the needs of undergraduate students and conveniently located close to residence halls, the spectacular Armacost Library is a state-of-the-art facility that contains over 150,000 print books, as well as thousands of DVD's, videos, and e-books. It also provides electronic or print access to over 20,000 unique journal titles and more than 90 databases. Overlooking the chapel pond, it offers an open and inviting environment for study and leisure and includes a 24/7 computer lab and a multimedia production/training room. In addition to providing wireless connectivity to the Internet, almost every study space is wired to accommodate plug-in users.

To augment its own holdings, the library has established reciprocal borrowing agreements with the University of South Florida's Tampa and St. Petersburg campus libraries. Unlike many larger institutions, we also provide our undergraduates with access to materials in hundreds of libraries throughout the United States via interlibrary loan. Links to the USF catalog, and to others from around the world, are available on the library's main Web page.

Most importantly the library staff is committed to teaching students how to navigate successfully the increasingly complex world of information. Formal instruction begins in Autumn Term and continues into upper level classes where students encounter ever more sophisticated resources. Eckerd librarians pride themselves on their approachability, their desire to help students, and their overarching commitment to the individual. Indeed, in all their interactions with students, the staff is committed to providing the kind of personal attention that is the hallmark of the Eckerd tradition.

To learn more about the library and its staff, visit our website at [www.eckerd.edu/library](http://www.eckerd.edu/library).

## THE CO-CURRICULAR PROGRAM

The philosophy of the Co-curricular Program at Eckerd College is shaped by the convictions that significant intentional learning takes place both within and beyond the classroom, that there should be coordination and integration between a



student's academic and co-curricular learning experiences, and that a student should be given an opportunity to pursue learning activities in each of the major co-curricular areas. These include community service, career exploration, cultural appreciation, leadership development, health and fitness, and spiritual and religious pursuits.

Students are given manifold opportunities to pursue learning activities beyond the classroom and to document co-curricular involvement and special recognitions on their Co-curricular Transcripts. Eckerd College is among a small number of colleges that utilizes a formal transcript to certify co-curricular activity. The Co-curricular Transcript at Eckerd College illustrates the high value that the College places on co-curricular learning and provides a valuable official record that students may use when applying for professional positions, graduate program admission, and other post-graduate opportunities. A student should contact the Campus Activities office in Brown Hall to establish a Co-curricular Transcript file.

## **INFORMATION TECHNOLOGY SERVICES**

Information Technology Services (ITS) provides professional assistance to faculty, students, and staff to meet their technology needs. This includes network access, e-mail accounts, audio visual equipment, the student repair shop, and other services. ITS has arranged student discounts from several computer hardware and software providers. Students also use the college website to blog about international trips and life at Eckerd.

A high-speed, fiber optic network backbone connects Eckerd College dorms, classrooms, labs, and offices. Over 100mb of bandwidth is available for Internet access. Both wired and wireless network access is available in all dorms and classrooms. Students can also access the wireless network while outdoors in many areas around campus. In addition to Internet access, all dorms are equipped with cable TV.

ITS also maintains a number of computer labs on campus. A general purpose computing lab is available on a 24/7 basis in the Armacost library. Other specialized labs on campus include the scientific computing lab and those in the physics, chemistry, biology, marine science, mathematics, psychology, and creative arts areas.

Eckerd College continues to make major investments in information technology. The College expands the strength and reach of the wireless network each year and recognizes the importance of technology as part of your educational experience. For complete information, please visit our website at [www.eckerd.edu/its](http://www.eckerd.edu/its).

## **SPECIAL ACADEMIC PROGRAMS**

### **PRE-PROFESSIONAL PROGRAMS**

Eckerd College regards liberal education as essential to thorough professional training and unites a broad freedom of student choice with graduate education in a number of fields: law, the health professions, the ministry, engineering, management, business administration, and selected public service, human development, and community professions.

Eckerd seeks to provide pre-professional experience through supervised internships rather than by professional and preprofessional courses that tend to limit the scope and quality of liberal education. Students in management take certain specialized courses, such as accounting, and prepare themselves through internships carefully planned with the Mentor of the management program. Similarly, human relations occupations involve a thorough liberal arts base, to which are added supervised field and employment experiences designed to meet the particular interest and need of the student.

## **ENGINEERING AND APPLIED SCIENCE — DUAL DEGREE PROGRAM**

The engineering and applied science program is designed for students who wish to combine a broad, values-oriented knowledge base with one of many fields of engineering or applied science. Students may pursue a career in applied science or one of many engineering disciplines including electrical, civil, chemical, industrial, aerospace, textile, nuclear, biomedical, or systems engineering. Students complete all requirements for majors at both Eckerd College and an engineering college. See Engineering and Applied Science Dual Degree (page 58) under the course description section of this catalog.

## **RESERVE OFFICERS TRAINING CORPS (ROTC)**

Eckerd College provides both an Air Force and Army ROTC program through a cross-enrollment agreement with the University of South Florida. Students are responsible for their own transportation to courses held on the University of South Florida campuses.

### **Air Force ROTC**

Students who complete the program, which consists of either a four year or two year program, are commissioned as second lieutenants and guaranteed a position in the active Air Force. Completion of 12-16 course hours of instruction and enrollment in a weekly leadership laboratory are required of all participating students.

## **Army ROTC**

Students who complete the program, which consists of four courses in military science, a weekly leadership laboratory, and one summer camp, are commissioned in the United States Army.

Both programs are open to men and women, and scholarships are available on a competitive basis to qualified students. See ROTC under the course description section of this catalog.

## **RAHALL COMMUNICATION PROGRAM**

The Farris and Victoria Rahall Communication Program strives to help Eckerd College students develop the skills necessary for thoughtful, reflexive, ethical, and effective communication. Through the Rahall Communication Resource Center, the program helps students from all disciplines improve their oral communication proficiency. Trained peer consultants assist with managing communication apprehension, initial brainstorming, outlining, media support, and rehearsals. Students can draw on print and video media supported by digital video recording and editing, DVD burning, PowerPoint design and enhancements, and VHS recording. The Center also provides instructive feedback through video recordings and personal consultations for presentations and discussions. The Director of the Oral Communication Program works with faculty across the curriculum to promote oral communication in courses in all disciplines. The Director also works with a variety of organizations in the Tampa Bay area to place students in communication-related internships.

## **THE WRITING CENTER**

The Writing Center serves students and faculty who want to improve their communication effectiveness. Through dialogue and collaboration, trained peer consultants foster independence and self-critique so that writers become better able to plan, draft, revise, edit, and proofread their work. In addition, the Writing Center offers a number of workshops each semester, ranging from Preparing Writing Portfolios to Tips for Good Revision.

Resources include 18 Macintosh workstations, high speed internet, CD-ROM databases, software for collaborative writing, as well as capability for word processing, data graphics, and design. The Writing Center also houses a library for composition theory and pedagogy.

## **THE CENTER FOR THE APPLIED LIBERAL ARTS**

Through its Center for the Applied Liberal Arts (CALA), Eckerd College provides off-campus and experiential learning opportunities aimed at enhancing students' academic and personal development and bridging their transition from college to graduate study or employment. The programs of the Center include internships, service learning opportunities, and career planning assistance. The Center works closely with International Education on study abroad experiences and international internships and with Faculty on graduate and professional school admission resources. The Center includes the Office of Career Resources, the Office for Service Learning, and the Office of the Associate Dean and Director of CALA. Adjunct resources are drawn from relevant areas within Eckerd College.

The approach of the Center is integrative and holistic. The student is encouraged to begin the process of career exploration early and, with his or her Mentor, plan an academic program, internship experiences, service learning projects, and other experiences that both flow from and enhance the student's ongoing process of career exploration. Students face a myriad of career choices and a graduate school and employment environment that is dynamic and competitive. From the moment that first year students arrive for Autumn Term, the resources of the Center are available to assist them.

CALA extends out into the community by developing programs with local community organizations. The focus of these programs depends both on the student's interest and the community's needs. These programs allow students the opportunity to interact locally to achieve a better understanding of the "real" world. In this way, they are able to obtain an external perspective on their college studies. Examples of these programs are: tutoring and mentoring in

local schools, working with local small business owners, interacting with local corporations, and city officials.

## **EXPERIENTIAL AND COMMUNITY-BASED LEARNING**

Among the better ways for a student to test the waters of an intended career path or gain necessary experience in a field is to complete a formal internship, shadow a working professional, or engage in a service learning activity. The Combined resources of the Office of Career Resources, Campus Activities, and Office of Service Learning enable the Center for Applied Liberal Arts to offer students a variety of options in experiential and community-based learning.

A bank of cooperating sites in which to place students in paid or unpaid field experiences in a variety of fields and academic disciplines is maintained. A student may pursue field experience as a co-curricular activity or, when appropriate, as a formal credit-bearing internship. Such an internship requires the approval and sponsorship of an Eckerd College faculty member.

Internships give students the opportunity to gain experience in a possible career field. Service Learning, on the other hand, connects classroom content, knowledge, and skills to community needs. Students may pursue community service as a co-curricular volunteer activity or as a part of a class that has been designed by the professor with a service option or requirement. Such a class integrates a relevant service experience into the work of the course in ways that address specific community needs while furthering the learning objectives of the course. Courses that have a service learning option or requirement have been offered both on campus and in conjunction with travel experiences to other regions of the country or the world. Eckerd students give numerous hours of service by volunteering at over 90 local not-for-profit organizations as well as non-profit and non-governmental organizations (NGOs) abroad.

## **CAREER RESOURCES**

A liberal education should not be considered separate from the economic, social, and political realities of life. In today's world, employers and professional associations are asking career-minded students to relate fundamental education in liberal arts fields to long range plans. It is becoming increasingly important in a resume to show connection between course work and experience. The value of a solid liberal arts background — including both class work and experiential education — is recognized, if not required, for business or professional careers.

Woven into the academic program during the time at Eckerd is a program to help examine career and professional goals. The Office of Career Resources offers a variety of opportunities: one-on-one and group career counseling to assist in making decisions which integrate academic programs, career planning, and general lifestyle; internship and field experience placements which involve work experiences or observation either with a professional or in a special social environment, and which progress in scope from exploratory to experience-building opportunities; work experiences related to current academic studies and long-range career goals; discipline internships such as community studies, leisure studies, or management; and placement services to assist in finding part-time and summer employment while in school. These enable the selection of either the appropriate post-graduate education or the vocational career that fits personal aptitudes, desires, objectives, and lifestyles.

## **INTERNATIONAL EDUCATION**

Eckerd College believes that a liberally educated person should be at home in other cultures and tries to give every student the chance to study abroad. Consequently, Eckerd offers a variety of overseas programs, including short terms in the winter and summer and full year or semester programs for students in almost all majors.

The Office of International Education seeks to provide students with study abroad programs best suited to their particular academic needs.

## Winter Term Abroad

Eckerd's annual Winter Term offerings overseas each January are nationally recognized. Programs are led by Eckerd faculty members who have professional expertise in the country visited. Projects vary each year, but typically programs are available in such places as Italy, England, Greece, Mexico, South America, Asia, and the Caribbean.

## Semester and Year Abroad

Varied locations and curricula provide a wide range of opportunities. Programs are available in London, where the Eckerd College Study Centre is staffed by both American and British faculty. Eckerd also has exchange arrangements with two universities in Japan—Kansai Gaidai near Osaka and Nanzan University in Nagoya—and with Ewha Woman's University in Seoul, Korea, as well as in the United Kingdom with the University of Plymouth. Through our affiliation with the International Student Exchange Program (ISEP), many exchange opportunities worldwide are available, and recently students have spent a year or semester in locations such as Sweden, Korea, Mexico, the Netherlands, Australia, Germany, Argentina, Uruguay, and France.

## Summer Term Abroad

Study abroad opportunities may be available during the summer months in a variety of locations. Offerings change from year to year and may cover a broad range of topics. The Program for Experienced Learners (PEL), in cooperation with the International Education office, plans summer term programs that are open to all students. Previous programs have included study/travel to London, Paris, Greece, and Mexico. The International Education office provides catalogs and resource materials for students to review when planning independent study/travel projects.

## Off-Campus Programs

Our academic calendar permits off-campus study for periods of one month (January), one term (14 weeks), and up to a full academic year. Upperclass students are encouraged to take advantage of programs and facilities not available at Eckerd through the off-campus program. It is possible to participate in group projects with a faculty leader or to contract independent studies of the student's own design. During Winter Term (January), group projects such as participating in an archaeological dig in the Southwest, learning about government operations in Washington, DC, or studying urban problems in Chicago are possible. Independent projects for individual students have been undertaken in industry, the Argonne Laboratories, marine research, and at an Indian reservation. The Winter Term, through cooperation with other schools having a similar calendar, provides for intensive projects on other campuses throughout the United States.

The Off-Campus Programs office in CALA assists students in making arrangements, preparing contracts, and providing information and ideas related to various choices. The subject of the project determines the particular off-campus location.

## Sea Semester

Eckerd College provides an opportunity for qualified students to earn a term of credit in an academic, scientific, and practical experience leading to a realistic understanding of the sea, sponsored by the Sea Education Association, Inc. (S.E.A.).

Students spend the first half of the term (the six-week shore component) in Woods Hole, Massachusetts, receiving instruction in oceanography, nautical science, and maritime studies. They then go to sea for the second half of the term (the six-week sea component) for a practical laboratory experience. For course descriptions see page 112. Students interested in the Sea Semester are required to make application through the International Education and Off-Campus Programs office.

## INTERNATIONAL STUDENTS

Eckerd College has been committed to international education since its inception. While we provide opportunities for students to enrich their education abroad (see International Education page 15), one need go no further than the campus itself to experience a truly cosmopolitan environment. Students currently come from 28 countries to pursue a variety of studies. There are two distinct groups of international students at Eckerd College: those who study in the ELS Language Center and those who are degree seeking students.

These international students enrich the campus environment with their diverse cultural origins and ethnic backgrounds by providing face-to-face opportunities for cross-cultural exchange in classroom and other settings. The breadth of this experience is celebrated annually during the Festival of Cultures with exhibits, entertainment, and ethnic delicacies from around the world.

Besides promoting the internalization of the campus through support programs and activities, the office of International Student Programs facilitates the adjustment of international students to living on campus and enhances the student's learning experiences. It also provides assistance

and advising on visa requirements, social security number and driver's license applications, health issues, on-campus work procedures, off-campus internship information, and tax filing. For more information on campus programs, visit <http://www.eckerd.edu/isp/>.

## SUMMER TERM

The summer term consists of two four-week sessions. Courses are available in late May to mid-June (Session A) and mid-June through July (Session B). In some instances, courses may be offered across Session A and B. A preliminary announcement of courses and fees is published in April. Regularly enrolled Eckerd students and students enrolled and in good standing at other colleges and universities are eligible for admission. Students entering Eckerd in the summer with the intention of becoming degree candidates must make formal application for admission to the Dean of Admission.

Summer courses may replace courses missed during the academic year or accelerate graduation. Additional information about summer term courses may be obtained from the Summer School Office.



## PROGRAM FOR EXPERIENCED LEARNERS

The Program for Experienced Learners (PEL) is a degree-completion option designed specifically for adult learners who are strongly motivated, yet have career or personal obligations which keep them from enrolling in a more traditional program. Because of the flexible and personal nature of the program, most students are able to continue working full-time while pursuing the bachelor's degree.

PEL was founded on the belief that learning is not necessarily limited to a formal classroom setting. Credit may be awarded when experiential learning is comparable to academic coursework, relevant to academic goals, and well documented.

The bachelor's degree requires successful completion of a minimum of 36 courses. PEL students may meet requirements through transfer credit, experiential learning, formal courses, directed or independent study, tutorials, travel/study programs, and residential program courses.

## Admission Requirements

Qualities such as personal commitment, perseverance, and self-discipline are necessary for success in the Program for Experienced Learners.

The guidelines for admission are the following:

1. Applicants must be 23 years of age.
2. Applicants must have a high school diploma or high school equivalency diploma. College experience is desirable; transfer credit for C- or better grades will be awarded when coursework is appropriate to liberal arts and sciences education and relevant to career goals.
3. Applicants must complete an application, including an essay, and demonstrate goals consistent with program objectives as well as the ability and motivation to benefit from the program.
4. Following admission, students must complete the required Life, Learning, and Vocation course with a C- or better grade.



Often employers offer tuition reimbursement programs to their employees. Many PEL students have found that their employers are cooperative in helping to meet their college expenses. Information on private loans and payment plans is also available.

## For More Information

Additional information regarding the Program for Experienced Learners may be obtained on the website: [www.eckerd.edu/pel](http://www.eckerd.edu/pel) or by contacting the Program for Experienced Learners, Eckerd College, 4200 54th Avenue South, St. Petersburg, FL 33711; phone (727)864-8226 or (800)234-4735; e-mail: [pel@eckerd.edu](mailto:pel@eckerd.edu).

## THE ECKERD COLLEGE ALUMNI ASSOCIATION

The Eckerd College Alumni Association (ECAA) has as its dual mission to provide support and services for the alumni of Eckerd College and to support Eckerd College in its mission to provide the best possible educational experiences to the students of today and tomorrow. To this end, the ECAA is involved with communications, events, and annual fund support through a variety of programs that range from regular publications, special events, and a network of chapters and clubs, to cooperative programming with Academics, Admission, Career Resources, the Eckerd College Organization of Students, International Education, and Student Affairs. Offering a platform for a life-long relationship with Eckerd College, the ECAA's activities are supported by the professional staff of the Office of Alumni Relations. Inquiries should be addressed to Director, Alumni Relations, Eckerd College, 4200 54th Avenue South, St. Petersburg, Florida 33711. Phone (800) 456-9009 ext. 8875 or (727) 864-7735; fax (727) 864-8423; e-mail: [fiddlercrab@eckerd.edu](mailto:fiddlercrab@eckerd.edu). Web site address: [www.eckerdalumni.com](http://www.eckerdalumni.com).

## THE ACADEMY OF SENIOR PROFESSIONALS

The Academy of Senior Professionals at Eckerd College (ASPEC) has a mission to continue to enrich the quality of life and learning through engagement with members, students, faculty, and the community. It is devoted to the development of multi-generational collegiate learning, scholarly activity, writing, and the encouragement of individual or group projects of importance to members, to the College, and the broader community.

ASPEC is a unique membership organization, composed of persons who have had distinguished careers in education, business, the arts and sciences, government service, diplomacy, religion, medicine and health care, human services, engineering, military, and similar endeavors. Through member-led interest groups, forums, publications, and special projects, members continue to share and contribute to human knowledge.

Through both the Faculty and Student Colleague programs, career counseling, and other formal and informal contacts, members contribute their knowledge and experience in and out of the classroom.

ASPEC is designed for those who have and will continue to “make a difference” in their professions and communities. Its members enrich their cultural experiences, make constructive contributions to society, and pursue their own interests in collaboration with congenial colleagues within the multi-generational educational community of Eckerd College.

Programming at ASPEC continues year-round at Lewis House on the campus five days a week.

Inquiries should be addressed to: Director, ASPEC, Eckerd College, 4200 54th Avenue South, St. Petersburg, Florida 33711. Phone (727) 864-8834; fax (727) 864-2964; website address: [www.eckerd.edu/aspec](http://www.eckerd.edu/aspec).

# ACADEMIC POLICIES

## DEGREE REQUIREMENTS

### Residency Requirement

In order to graduate from Eckerd College, a student must spend at least four semesters and two short terms, including the senior year, in the college or in an approved off-campus program, for a minimum of 18 Eckerd College courses.

### Degrees Offered

Eckerd College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the Bachelor of Arts and Bachelor of Science degrees. Students may receive either a BA or a BS but not both.

### Bachelor of Arts Degree

The following requirements must be fulfilled by all students in order to qualify for formal recommendation by the faculty for the **Bachelor of Arts** degree:

1. The satisfactory completion of a minimum of 32 courses plus an Autumn Term course in the freshman year and a Winter Term project in each subsequent year.
  - a. A freshman may take a Winter Term in addition to Autumn Term and substitute that Winter Term for one of the 32 courses or for a Winter Term in the sophomore or junior year. The Leadership and Self-Discovery Practicum does not fulfill a Winter Term requirement.
  - b. The Winter Term project in the senior year normally consists of the preparation for comprehensive examinations, theses, or projects.
2. Writing competency: Each student must submit a portfolio of his or her own compositions to be evaluated. Specifications for the contents of the portfolio are available from the Director of Writing Excellence.

Usually, the pieces in the portfolio are essays, reports, examinations, or creative work written in courses, and all students must submit portfolios for evaluation before the second semester of the junior year.

Students may not register for senior projects, theses, or comprehensive examinations without having received writing competency for their portfolios.

Composition courses and the Writing Center provide instruction in preparing writing competency portfolios; a student whose portfolio is judged inadequate must take a composition course before resubmitting his or her portfolio.

Because portfolio evaluation is conducted only twice each year, students are strongly urged to consult with their Mentors and the Writing Center staff well before the **March** and **October** deadlines.

3. Foreign language competency (normally in the freshman year): one year of foreign language at the college level or the equivalent as demonstrated by a college administered proficiency examination or the equivalent as determined by the language faculty.
4. Information technology competency as demonstrated in the first year cultural heritage course and in the major or concentration.
5. Oral competency (general), as demonstrated in the first year cultural heritage course and in the major or concentration.
6. Quantitative competency (normally in the freshman year): one college level mathematics, computer science, formal logic or statistics course, or one course that uses the computer as a major learning tool, designated by an M following the course number.
7. **Western Heritage in a Global Context I and II.** First-time college students who enter with advanced standing as a result of credit and/or advanced placement earned in high school are still required to complete at least one semester of Western Heritage in a Global Context.
8. One course in each of the four academic areas (Arts, Humanities, Natural Sciences, and Social Sciences) plus one course designated as an Environmental Perspective (E) and one course designated as a Global Perspective (G). The Environmental and Global Perspective courses must be taken at Eckerd College.

Courses in the Arts: Communication (media any level), Creative Arts Collegium (CR) courses (except the Resident Advisor Internship), Creative Writing, Interdisciplinary Arts, Music, Theatre, Visual Arts (including art history).

Courses in the Humanities: American Studies, Classics, East Asian Humanities, Ford: The History of Ideas, Foreign Languages (300 level or higher), History, Letters Collegium (LT) courses, Literature, Philosophy, Religious Studies, Rhetoric (200 level or higher), Women's and Gender Studies.

Courses in the Natural Sciences: Biology, Chemistry, Computer Science (200 level or higher), Environmental Studies (designated courses only), Marine Science, Mathematics (200 level or higher), Physics, Natural Sciences Collegium (NA) courses.

Courses in the Social Sciences: Anthropology, Behavioral Sciences Collegium (BE) courses, Economics, Human Development, International Business, International Relations, Management, Political Science, Psychology, Sociology.

9. One course in the senior year in The Quest for Meaning.
10. College Program Series: Students attend at least four events each semester of their freshman and sophomore years from a selection of at least twelve events identified each semester as part of the College Program Series. These events include presentation of topics of current interest, artistic events, musical or dramatic productions, and events focusing on issues of meaning, purpose, and value.
11. The completion of a major (from the list of 38 majors formally approved by the faculty) or an independently designed area of concentration. The area of concentration must be approved by three members of the faculty, with an approved study plan filed in the Registrar's office no later than fall semester of the junior year.
12. The satisfactory completion in the senior year of a comprehensive examination, thesis, or creative project in the major or area of concentration with a grade of C - or better. This culminating evaluation may include a test or other means for assessing the effectiveness of the college's academic programs.

13. An Eckerd College cumulative GPA of 2.0 or better. Only Eckerd College courses are used in computing the GPA.

## Bachelor of Science Degree

The following requirements must be fulfilled by students in order to qualify for formal recommendation by the faculty for the **Bachelor of Science** degree in one of the natural sciences:

1. The satisfactory completion of the courses and all-college requirements as outlined in sections 1-13 above.
2. Completion of a major or area of concentration in one of the natural sciences or mathematics, including the satisfactory completion of at least sixteen courses in the Natural Sciences Collegium, as specified by each discipline.

Students majoring in the natural sciences or mathematics may earn the **Bachelor of Arts** degree by completing at least twelve but fewer than sixteen courses in the Natural Sciences Collegium, as specified by each discipline.

For either the B.S. or the B.A. degree, students majoring in the natural sciences or mathematics may substitute specified courses outside the Collegium to satisfy the minimum requirement for courses within the Collegium. Interested students should consult their Mentors for information on gaining approval for such substitutions.

See each discipline's description in the course section of this catalog for specific requirements.

For the requirements for the B.S. degree program in psychology see Psychology in the course section of this catalog.

## Degree Requirements for Transfer Students

Eckerd College uses courses instead of semester hours as the numerical unit of measurement for the meeting of degree requirements. To determine the number of Eckerd College course equivalents a student receives in transfer credit, the semester hours awarded for those transfer courses acceptable to Eckerd are totaled and divided by 3.5. Eckerd accepts a maximum of 63 semester hours (18 Eckerd course equivalents) of transfer credit which may be applied toward meeting degree requirements.

Transfer students receive an official evaluation of transfer credit and determination of the number of equivalent Eckerd College courses from the Registrar's office following acceptance to the College.

A student considering transferring to Eckerd College and who is curious about credit for courses at other schools may complete a Transfer Credit Inquiry Form found on our website for an unofficial evaluation.

Although the specific number of Eckerd College courses a transfer student must take is determined on an individual basis, a transfer student must spend at least four semesters and two short terms, including the senior year, in the college or in an approved off-campus program, for a minimum of 18 Eckerd College course credits in order to graduate from Eckerd College.

Students transferring to Eckerd College as sophomores are considered exempt from Western Heritage in a Global Context, foreign language, the first year oral communication and first year information technology proficiency requirements.

All transfers must meet the following general education requirements: composition competency (i.e., writing portfolio), oral communication and technological competency in their major or concentration, and Quest for Meaning. Transfer students may count transfer credits toward fulfilling academic area requirements and quantitative requirements but must complete Environmental and Global perspective courses at Eckerd College. The number of College Program Series events required of transfer students is determined by the student's class standing at the time of entry.

Students in the Program for Experienced Learners should consult the *PEL Academic Programs and Degree Requirements Handbook* for information for transfer students.

## **FORD APPRENTICE SCHOLARS PROGRAM**

The Ford Apprentice Scholar Program at Eckerd College, initiated by a grant from the Ford Foundation, provides opportunity for 20 selected juniors each year to participate in a two-year enhanced program designed to develop the skills and habits of professional scholars and to encourage them to consider college and university teaching as a career.

The students selected take a course in the junior year in the history of ideas and do optional research with their faculty sponsors during the summer. In the senior year, they work closely with the faculty sponsors in an enhanced major and take a senior colloquium. Funds are available for summer and research support. The two Ford courses may be used to fulfill the Humanities academic area requirement and either the Global or Environmental perspective requirement. If the teaching practicum is done for credit, the student arranges an Independent Study with the Ford Mentor.

## **THE HONORS PROGRAM**

The Honors Program at Eckerd College provides enhanced opportunities for students of outstanding ability to interact and learn from each other through class discussions and group activities. Selected students are brought together for close interaction and advanced work, such studies receiving permanent recognition on the students' transcripts.

Honors students meet all general education requirements. In addition, first-year Honors students meet for a year-long extra course. In the second and third years of the Honors program, participants take two courses designated as Honors courses as part of their general education requirements. These Honors courses should represent different perspective or academic areas. Seniors in the Honors Program participate in a colloquium in which they present their senior thesis research, creative projects, or their work for comprehensive examinations.

Students who wish to be considered for the Honors Program in the freshman year must file an acceptable application for admission to Eckerd College which serves as their application for honors as well. Interested students are encouraged to write the Dean of Admission for additional information.

New transfer students and students already enrolled in the college, including students who may have applied unsuccessfully to the Honors Program earlier, are also eligible for admission as vacancies in the program occur at the upper levels. Students who are interested in making application to the Honors Program after they are enrolled in the college should contact the director of the Honors Program.

## NATIONAL HONORARY SOCIETIES

The following National Honor Societies have chapters at Eckerd College:

### **Alpha Kappa Delta - Sociology**

Requirements: junior or senior standing, an overall GPA of 3.0, a major in sociology, a GPA of 3.0 in sociology courses, and at least four regular courses in sociology. The purpose of this society is to promote an interest in the study of sociology.

### **Omicron Delta Epsilon - Economics Lamba Chapter in Florida**

Requirements: junior or senior standing, class rank in upper one-third, demonstration of a high level of economic skill, and completion of at least four economics courses. The society recognizes the accomplishments of economics students.

### **Omicron Delta Kappa - Leadership**

Requirements: junior or senior standing, 3.3 GPA or higher, member of the Eckerd College faculty, staff, or administration, alumni of the College or, in the case of an honoris causa induction, an individual with distinction in his or her chosen profession, or one who has rendered outstanding service through leadership. Members must demonstrate leadership in at least one of five areas: scholarship, athletics, campus or community service, social and religious activities, and campus government.

### **Phi Beta Kappa - Liberal Arts**

Requirements: evidence of broad cultural interests, scholarly achievement, and good character. Candidates for membership must have a distinguished record of performance in liberal arts courses—fine arts, humanities, languages, mathematics, natural sciences, and social sciences—as well as substantial work in areas outside their major. The purpose is to promote excellence in the study of the liberal arts.

### **Pi Mu Epsilon - Mathematics Gamma Chapter in Florida**

Requirements: at least two years of mathematics including Calculus I and II with at least a B average. The purpose is to promote scholarly activity in mathematics among students in academic institutions.

### **Psi Chi - Psychology**

Requirements: junior or senior standing, major in psychology or human development, rank in upper 35 percent of class with a minimum GPA of 3.0. The purpose of the society is to recognize excellence in the study of psychology.

### **Sigma Delta Pi - Spanish**

Requirements: three years, or the equivalent, of college Spanish with a 3.0 or better in all Spanish courses, and rank in upper 35 percent of class with a minimum of 2.75. The purpose is to promote scholarly activity in Spanish among students in academic institutions.

### **Sigma Xi - Scientific Research**

Requirements: demonstrated aptitude for scientific research and intention to pursue a career in science, nomination by a Sigma Xi member based on such criteria as academic excellence, scientific research usually culminating in a paper, presentation at a scientific meeting, or a senior thesis. The purpose is to advance scientific research, encourage interdisciplinary cooperation, and assist the wider understanding of science.

## MAJORS AND AREAS OF CONCENTRATION

At Eckerd College, efforts are made to tailor programs of study to the particular needs and interests of individual students. To help guide students with the selection of courses, the faculty has approved a number of disciplinary and interdisciplinary majors.

Brief descriptions of majors are included under each discipline heading in the course description section of this catalog. Students desiring more specific information about major programs should consult their Mentors, collegial chairpersons, and discipline coordinators. A list of the faculty-approved majors follows.

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<p>American Studies Ancient Studies Anthropology Biochemistry Biology Business Administration Chemistry Communication Comparative Literature Computer Science</p>	<p>Creative Writing East Asian Studies Economics Environmental Studies French Geosciences History Human Development Humanities Interdisciplinary Arts</p>	<p>International Business International Relations and Global Affairs International Studies Literature Management Marine Science Mathematics Music Philosophy</p>	<p>Physics Political Science Psychology Religious Studies Sociology Spanish Theatre Visual Arts Women's and Gender Studies</p>
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A major or concentration must require at least eight but no more than sixteen courses. At least eight courses required for an approved discipline major must be in that discipline. No major or concentration can require more than twelve courses in one discipline.

area of concentration in cooperation with their Mentors. The proposed plan of study must ultimately be approved and have identified with it a specific committee of at least three faculty members. The approved study plan must be filed in the Registrar's office early in the junior year.

Students desiring to design their own programs of study are encouraged to develop an individualized

### ACADEMIC CREDIT

Credit toward a degree is awarded for satisfactory course completion, independent study, directed study, internships, academic work certified by another regionally accredited degree-granting institution, and proficiency demonstrated by examination.

Ordinarily credit is earned by **course completion**. A normal full-time academic load is eight courses plus an Autumn Term in the freshman year and eight courses plus a Winter Term project in each subsequent year.

Credit may be earned through **independent study** by students who exhibit both the self-discipline and mastery of the methodologies demanded by the subject matter selected by the student. An independent study project is designed by a student in consultation with the professor who is to supervise and evaluate the work. An academic contract, drawn in advance, specifies the subject and method of inquiry, the texts, the purpose of

the project, and the basis of evaluation and credit. Each contract must be approved by the Dean of Faculty. Independent study options are available for both on and off-campus opportunities. Freshmen are not permitted to take off-campus independent studies. Independent study forms are available from the Registrar.

Provision is also made for credit by **directed study**. Both independent study and directed study require advance planning by the instructor and student. While initiative rests with the student for design of independent study, in directed study the instructor is responsible for supplying a syllabus which defines the program. Directed study syllabi are available from the Registrar.

Credit is granted by **transfer** from regionally accredited degree-granting institutions, up to a limit of 16 courses, plus one autumn and one Winter Term for a total of 18 Eckerd College

course equivalents. A student entering Eckerd College should request that an official transcript of work done in other institutions be sent to the Admission office. An official transcript is required from each institution attended. When the transcript has been evaluated, the applicant is notified of the credit accepted by transfer. Eckerd College students who wish to enroll for part of their programs at other institutions should have the approval in advance of their Mentors, appropriate discipline faculty, and the Registrar. For more information on transfer credit, see page 127.

Credit for **demonstrated proficiency** is awarded when a student applies for it with the Registrar and successfully completes appropriate examinations. For more information on credit through testing, see pages 128 and 129.

The College recognizes that many experiences outside the classroom may contribute to a student's program. Internships, participation in community projects, and field experience may be accorded credit if closely coordinated with the student's academic program. Such experience ordinarily constitutes a part of a regular course or independent study project.

Some disciplines have their own internship programs and information can be found regarding these in the descriptions of courses and majors. It is best to first consult your professor or Mentor regarding internship opportunities and requirements within your discipline. Credit may be earned through internship by students who have the commitment and maturity to combine pre-professional work with their academic studies. After discussion with his or her Mentor, a student can design an internship proposal in conjunction with a supervising professor. Guidelines for internships are available through the Registrar, CALA, and the Office of Career Resources, where help facilitating the internship is also available. The student, supervising professor, site supervisor, and Associate Dean must agree in advance on the nature of the site work, assignments, and means of evaluation. Once a proposal and contract are approved by the Associate Dean/ Director for CALA, the student is registered. An internship must include substantial engagement with a work site (usually a minimum of 150 hours) as well as the completion of reflective reading and writing assignments.

## THE GRADING SYSTEM

The standard grading system of the college is A (Superior Work), B (Good Work), C (Satisfactory Work), D (Poor Work), and F (Unacceptable Work). The instructor of a course may also add a plus (+) or minus (-) to a final grade except a plus to an A or a plus or minus to an F. All courses in which any C- grade or higher has been earned shall count toward fulfilling degree requirements. A course in which any D grade is earned may fulfill degree requirements subject to limitations in specific majors.

A grade of INC (Incomplete) indicates that, although a substantial proportion of the course requirements have been met, all course requirements are not completed by the end of the term and that, in the judgment of the instructor, extension of the deadline is both appropriate and a reasonable limit for the completion of remaining work. Typically an instructor might consider giving an Incomplete grade when the reasons for the unfinished work are circumstances beyond the student's control. A grade of INC will not be given to students who have submitted minimal or no work during the term or who, in the judgment of the instructor, have not adequately participated in the course.

Unless an earlier deadline is set by the instructor, a student must complete the work required as follows:

**Autumn Term Incomplete** –  
Due on or before October 1

**Fall Term Incomplete** –  
Due on or before March 1

**Winter Term Incomplete** –  
Due on or before March 1

**Spring Term Incomplete** –  
Due on or before October 1

**Summer Term Incomplete** –  
Due on or before October 1

If the work is not completed by the deadline above or an earlier deadline imposed by the instructor, the Incomplete automatically becomes an F. The grade awarded at the deadline, whether one submitted by the instructor or an automatic F, is final.

Students who withdraw from a course by the withdrawal deadline published in the Academic Calendar will receive a grade of W. An emergency late withdrawal from a course may be requested in

extreme circumstances beyond the student's control such as illness, accident, or death in the immediate family. Outside documentation must accompany these petitions. Requests for late withdrawals will not be granted for poor academic performance, excessive workload, change in academic or career plans, missed classes due to athletics, or abandonment of class attendance.

A **Credit/No Credit** grading option is available for students who are at least second semester freshmen. The grade of **Credit** is comparable to work evaluated as C- or better. Students desiring this grading option must petition for the approval of the course instructor, the Mentor, and the Dean of Faculty. Petitions must be submitted prior to the beginning of a semester or term. Grades of **Credit** and **No Credit** cannot be subsequently changed to letter grades.

All grades are reported to students and entered on the official record of the college. Grades of F will not be removed from the transcript. A notation will be recorded on the transcript of any substitute grade earned. Students may not repeat a course for credit unless they receive a D, need to repeat the course in order to progress in sequence, and have the approval of the instructor and the Dean of Faculty. Both the original course and the repeated course remain on the student's transcript, but only one of these courses may be used to meet the graduation requirement of 36 credits (32 courses and four short terms).

## **CLASS ATTENDANCE**

Students are expected to attend all classes in courses for which they are registered. There is no college-wide attendance requirement, but individual instructors may impose attendance requirements in particular courses.

## **STANDARDS OF SATISFACTORY ACADEMIC PROGRESS**

### **NORMAL PROGRESS**

Normal progress toward graduation is the completion of four courses each 14-week term and a short term each year with grades of C or better.

## **ACADEMIC REVIEW COMMITTEE**

At the close of the fall and spring semesters, the Academic Review Committee reviews the progress of every student who does not meet the cumulative grade point (GPA) minimum standard determined by class standing, is on academic probation, or is otherwise identified as not making satisfactory academic progress. The cumulative GPA refers to the student's Eckerd College GPA only. Mentors, instructors and student affairs staff may be consulted. The Committee may place on probation or dismiss any student who in its judgment is not making satisfactory academic progress. In making such judgments, the Committee is guided by the following standards and notifies the Financial Aid office of each financial aid recipient affected.

### **PROBATION**

A student whose Eckerd College cumulative GPA falls below the minimum standard determined by class standing is placed on academic probation.

The minimum standards are as follows:  
Freshmen – 1.6, Sophomores – 1.8, Juniors – 2.0, Seniors – 2.0.

Students placed on academic probation are notified of this action by the Academic Review Committee and advised of how to remove the probationary status.

Students may enroll in up to four 14-week long courses during the term that they are on probation.

### **SUBJECT TO DISMISSAL**

A student whose Eckerd College cumulative GPA falls below the minimum standard determined by class standing for the second consecutive semester will be notified of being subject to dismissal for a third consecutive semester below the minimum standard. Students may enroll in up to four 14-week length courses during the term they are on probation.

A student who does not earn at least a grade of C- in Autumn Term will be subject to dismissal at the end of fall semester if the student fails to meet the minimum freshman cumulative GPA standard of 1.6 or is otherwise identified as not making satisfactory academic progress.

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## SUMMARY OF ACADEMIC REVIEW COMMITTEE CATEGORIES

**Probation:** After one semester of not meeting the minimum standard.

**Subject to Dismissal:** After a second consecutive semester of not meeting the minimum standard. New freshmen who receive a grade below C- in Autumn Term are subject to dismissal at the end of Fall Semester if the student fails to meet the minimum standard.

**Dismissal:** After a third consecutive semester of not meeting the minimum standard or when otherwise identified by the Academic

Review Committee as not making satisfactory academic progress.

**Second Dismissal:** A second dismissal is final.

**Graduation:** A cumulative GPA of 2.0 is required.

**Cumulative GPA Minimum Standard by Class Standing:**

Freshmen – 1.6

Sophomores – 1.8

Juniors – 2.0

Seniors – 2.0

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Academic probation may be continued longer than two semesters if in the judgment of the Academic Review Committee and/or the Dean of Faculty, the student's progress or the presence of extenuating circumstances warrants an extension.

### REMOVAL FROM PROBATION

A student is removed from probation at the end of the fall or spring semester upon attaining the minimum GPA standard for the student's current class standing. Students with incomplete grades are not eligible for removal from probation.

### DISMISSAL

A student whose Eckerd College cumulative GPA is below the minimum standard determined by class standing for the third consecutive fall or spring semester or who has otherwise been identified by the Academic Review Committee as not making satisfactory academic progress will be dismissed for at least one semester.

Students dismissed for academic reasons are notified in advance of the next regular term by the Academic Review Committee. This notice also advises the student whether and, if so, when and how to be considered for re-admission.

To apply for re-admission, a student should write to the Dean of Faculty, who chairs the Academic Review Committee.

### SECOND DISMISSAL

If a student is readmitted after dismissal, a second dismissal is final.

### GRADUATION

The minimum Eckerd College grade point requirement for graduation is a cumulative GPA of 2.0. Cumulative GPA refers to Eckerd College GPA only.

### WITHDRAWALS AND COLLEGE LEAVE

Withdrawal or temporary leave from the college at any time is official only upon the completion of the form available in the Dean of Students office. Requests for re-admission following withdrawal or temporary leave should be sent to the Dean of Students. Students may take college leave to enroll in another college for courses not available here but important to the student's total program. Such courses may be transferred upon the student's return but must be approved in advance by the Mentor, discipline faculty and Registrar. Students requesting a withdrawal or temporary leave should consult with the Dean of Students. Students who leave in order to perform military service are readmitted with the same academic status as when last in attendance in accordance with the provisions of the Higher Education Opportunity Act of 2008.



## THE DEAN'S LIST

The Dean's List is compiled following the fall semester and the spring semester and includes students who completed at least four courses contributing to the GPA with a term grade point average of 3.75. Students with incomplete grades at the time the list is compiled are not eligible.

## HONORS AT GRADUATION

Eckerd College awards diplomas with Honors to a few students in each graduating class. The criteria and designation for graduation with Honors are: High Honors - 3.8 grade point average or above; Honors - 3.6 to 3.799 grade point average for courses taken at Eckerd College. To be eligible for Honors, a student must have completed at least 18 Eckerd College courses. Students graduating with fewer than 18 Eckerd College course credits with a grade point average of 3.66 or above, will graduate with the designation of Distinction.

## REGISTRATION

Freshmen pre-register for Autumn Term projects before arriving on campus. During the Autumn Term, they are assisted in registering for fall courses. Transfer students pre-register prior to the beginning of the term, then meet with Mentors to

finalize course registration during the New Student Orientation at the beginning of each term.

Returning students have typically pre-registered during the previous term. Students may adjust their schedules during the add/drop period. Add/drop deadlines are printed in the calendar in the back of this catalog.

## AUDITORS

Any regularly registered full-time student may audit a course without fee, subject to permission of the instructor. Part-time students or students not registered for credit may attend courses as auditors subject to formal permission of the instructor and payment of an auditor's fee. Entry is made on the student's permanent record concerning audited classes. A course taken for audit may be changed to credit with the instructor's permission, if the change is filed with the Registrar by the end of the eighth week of a semester.

## CANCELLATION OF COURSES

Courses may occasionally be canceled because of low enrollment; however, should this be the case, students will be notified and assisted with arranging a satisfactory substitute.

# STUDENT RECORDS

## STUDENT RIGHTS UNDER FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

1. The right to inspect and review the student's education records within 30 days of the day the college receives a request for access.
  - a. Students may see their educational records by submitting a written request at the office where the records of interest are maintained.
  - b. Access is to be granted promptly and no later than thirty days from the date of the request.
  - c. Students may make the request in person or by mail, but the request must always be in writing.
  - d. Students may obtain upon request copies of documents to which they are entitled. Typically these copies would not include transcripts from other schools or recommendation letters written to Eckerd College. The College may charge for these copies.
  - e. Students may request and receive interpretation of their records from the person (or designee) responsible for the maintenance of the record.
2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.
  - a. Students may write the college official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading.
  - b. The case will be reviewed through the normal channels of the department responsible for the record.
  - c. If the decision is made not to amend the record as requested, the student may appeal through the Coordinator of Judicial Affairs.

3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the college in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the college has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting school officials in performing their tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill professional responsibilities.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:  
Family Policy Compliance Office  
U.S. Department of Education  
600 Independence Avenue, SW  
Washington, DC 20202-4605

## POLICY ON STUDENT RECORDS

In compliance with FERPA, the following constitutes the College's policy instructing students on the procedures available to provide appropriate access to personal records while protecting the confidentiality of these records.

A "student" is defined as one who has attended or is attending Eckerd College and whose records are in the files of the College. Student records to which this policy applies do not include files

retained by individual faculty/staff members which are not accessible to any other person except a substitute designated by the faculty/staff member.

Public or directory information is limited to name, permanent and local address, e-mail address, phone, date of birth, photograph, Mentor, major field of study, dates of enrollment including hours enrolled, admission or enrollment status, school or division, class standing, anticipated graduation date, graduation date, degrees, degree candidacy, awards, honors, participation in officially recognized activities and sports, and weight and height of athletic team members.

Public information shall be released freely unless the student files the appropriate form requesting that information may not be released. This form is available at the Registrar's office and must be renewed each academic year. If this form is not received prior to the end of the drop/add period of the fall term, it will be assumed that directory information may be disclosed for the remainder of the current academic year. A new form for non-disclosure must be completed each academic year.

A student's educational record is open to the student with the following exceptions:

- Confidential letters of recommendation placed in files prior to January 1, 1975.
- Records of parent's financial status.
- Employment records (see below).
- Medical records (see below).

The employment records to which students do not have access are records kept in the normal course of business which relate exclusively to students as employees. Medical records are kept in the Student Health Center. This office rigidly protects the confidentiality of those records, but they can be reviewed by a physician or appropriate professional of the student-patient's choice.

Student records are open to members of the faculty and staff who have a legitimate need to know their contents, except where access is prohibited by special policies such as those governing medical records. The determination of those who have a "legitimate need to know" will be made by the person responsible for the maintenance of the records. This determination must be made scrupulously and with respect for the individual whose records is involved.

At the discretion of the office maintaining the records, records may be released without the consent of the student to third parties only as authorized by FERPA. Examples include but are not limited to:

- Federal, State, and local officials as required by law.
- Appropriate persons in an emergency situation when necessary to protect the welfare of the individual.
- Parents of a student who is a dependent for income tax purposes.

A student may secure from the Registrar's office a consent form authorizing the release of specified records to specific individuals. A notation of such releases made to third parties must be kept in the student's record. This notation is open only to the student and the office in charge of the record. The third party must be informed that no release of personally identifiable data is authorized without the written consent of the student.

This policy does not preclude the destruction of any record if the College does not consider it germane. Persons in charge of records should ensure that only pertinent items are retained in student files.



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# DESCRIPTIONS OF COURSES AND MAJORS

(Alphabetically by Discipline)

## Meaning of Letters and Numbers

1. The **first two letters** indicate the discipline offering the course.
2. A **third letter (I)** indicates an International course (offered abroad). A number after the first two letters indicates a course spanning two or more semesters.
3. Interdisciplinary courses are indicated by the collegial designations **CR**-Creative Arts, **BE**-Behavioral Science, **CU**-Comparative Cultures, **LT**-Letters, **NA**-Natural Sciences, **FD**-Foundations, **INI**-a course offered abroad, and **QM** indicates Quest for Meaning perspective course.
4. The first digit of the three numbers indicates the level of the course: 1 and 2 indicate a course at the Freshman or Sophomore level; 3 and 4 indicate a course at the Junior or Senior level.
5. The second and third digits are used at the discretion of the collegium.  
**331-332** indicates Special Topics  
**410** indicates a Senior Seminar  
**498** indicates Comprehensive Examination  
**499** indicates Senior Thesis or Project
6. Perspective courses are indicated by a letter after the third digit: **E**-Environmental and **G**-Global. Courses which meet the computation requirement are indicated by **M** after the digits. Courses which meet academic area requirements and do not have prerequisites which have already met the academic area requirement are designated by a letter after the third digit: **A**-Arts, **H**-Humanities, **N**-Natural Sciences, **S**-Social Sciences.

Opportunities for independent study are available in all collegia. Independent study contracts are negotiated between the student and the faculty sponsor. Independent study contract forms are available in the Registrar's office.

Directed studies are listed in this catalog. Copies of directed study syllabi are available in the Registrar's office. Some directed studies are available through the Program for Experienced Learners only. PEL students should consult the PEL Director for a list of these.

An academic minor is an option available to all students. The academic minors available are listed in this catalog.

COURSES LISTED IN THIS CATALOG  
ARE NOT NECESSARILY OFFERED EACH YEAR.

## DESCRIPTIONS OF COURSES AND MAJORS

(Alphabetically by Discipline)

### AMERICAN STUDIES

A broad, interdisciplinary major in American civilization that focuses upon American experience and identity, past and present, using the methods and approaches of a variety of academic disciplines, as well as the distinctive cultural perspective of American Studies. At Eckerd College, the program is built around the core disciplines of history, literature, and political science. In order to allow students to shape their courses of study to their own intellectual goals, the major may also include courses in diverse fields such as philosophy, religion, art, economics, women's and gender studies, and sociology, provided that the courses are related to understanding the society and culture of the United States. Each student's program is developed in

consultation with faculty and should form a consistent pattern of courses in American culture and institutions.

Students who complete the American Studies major demonstrate the following competencies:

- Knowledge of American history, institutions, environment, values, and culture from an interdisciplinary perspective, with an emphasis on American experience and identity past and present, demonstrated by the ability to talk and write intelligently about these topics.
- Knowledge of the development of the field of American Studies as an academic discipline, including its methods, scope, and perspectives.

- Understanding of a core discipline in American Studies (e.g., American history, American literature, American government, political science, etc.) and how it relates to the larger field of American Studies, as well as how the study of the core discipline is enriched by the interdisciplinary approach of American Studies.
- Familiarity with the classic works in American Studies and the ability to evaluate the author's methodology.
- Demonstrated ability to undertake a research project that will explore important issues and problems in methodology and interpretation of American Studies.

A major in American Studies consists of a minimum of ten courses. Six of the ten courses must be beyond the introductory level. Electives in the major should be chosen in consultation with discipline faculty. In addition, each student majoring in American Studies must pass a Senior comprehensive examination, or, if invited by the faculty, write a senior thesis.

The American Studies major should include at least five courses from one of the core disciplines of history, literature, or political science. An introductory survey course in the core discipline should be chosen in consultation with discipline faculty. Majors should also choose at least three American Studies courses, one of which must be AM 201H. At least two additional courses should be chosen from American Studies or another discipline that directly relates to the study of American culture and society. In addition to courses from another of the core disciplines, students may choose courses in the following areas: courses that have a comparative perspective or that place American culture or society in a global context; Cultural Studies courses in media, communication, and representation, with a substantial component dealing with the United States; courses with an African American or Women's and Gender Studies emphasis, or courses with an environmental or pre-law focus, with a substantial component dealing with the United States.

For a minor in American Studies, students will take five AM courses, including AM 201H, chosen in consultation with American Studies discipline faculty. Three of the five courses must be at the 300 level or above.

### **AM 201H Introduction to American Civilization**

Significant works and methods of American Studies, while surveying cultural themes of American identity and issues of American experience.

### **AM 204G Native American Colloquium**

This course will be an occasional offering designed to allow students to take full advantage of public programs offered at Eckerd College, by incorporating academic methods of intellectual engagement in an innovative course setting.

### **AM 209H Popular Culture and American Life**

Students begin with the question "What is popular culture?" and examine various theories about how/why it should be studied by focusing on cultural trends across decades, especially regarding issues of race, gender, ethnicity, and class.

### **AM 306H American Myths and Values**

Myths in American history, literature, and religion which shape Americans' understanding of their identity and history.

### **AM 307H Rebels with a Cause**

Reform and radical ideology of the 19th and 20th centuries. Populism, progressivism; nationalist, civil rights, peace, feminist, environmental movements. (Directed Study available)

### **AM 308H Becoming Visible: Sex, Gender, and American Culture**

Changing perspectives on what it means to be male or female in the U.S. Historical origins and sources of values concerning masculinity and femininity. (Directed study available)

### **AM 310H American Cinema**

This course will analyze American films and the movie industry in their social and cultural context, including the formal properties of film, film criticism, and interpreting motion pictures as an important mass medium.

### **AM 311H Politics of Race: American Fiction**

Examining ways in which race was constructed in narrative by and for the conventions of a white, 19th century reading public and how those ways have been "reconstructed" in the 20th century.

### **AM 319E Environmental Film Colloquium**

This course will develop the idea that the environment has been a significant focus in culture and can be analyzed from the perspective of the imagery of film, video, and other visual media.

**AM 322H Business of American Culture**

This course will examine cultural responses to and understandings of business within US society and the ways this system has shaped and been shaped by social relations and cultural understandings in the US.

**AM 324H Organized Crime in America**

Organized Crime in America is a course that traces the development of organized criminal activity in America from the eighteenth century to the present.

**AM 338H Harlem Renaissance**

Explore the emergence of a new literary and artistic movement within the African-American community in the 1920's and how it affected other social movements in American society. African-American History I and II helpful but not required.

**AM 339H The Great Depression and American Life**

Explore American life during the Great Depression in its social, cultural, and environmental aspects, using literature, mass media and online archival resources.

**AM 401 Integrating American Studies**

Develop an integrative understanding of the field of American Studies as an academic field of interdisciplinary study.

**ANCIENT STUDIES**

Ancient Studies is an interdisciplinary major designed for students interested in the languages, arts, religions, histories, and material cultures of peoples living in the ancient world. The Ancient Studies curriculum at Eckerd spans a wide geographical range including the Mediterranean Basin, the Near East, China, Japan, and India. Chronologically, the curriculum focuses on historical periods spanning approximately 3300 BCE to 1300 CE. Because this initiative brings together several disciplines from the humanities and social sciences, it encourages unique collaborative and integrative approaches to liberal learning, providing majors with opportunities to think comparatively and to investigate specific cultures within larger geographical and temporal contexts.

Students who major in Ancient Studies develop competencies in the following:

- Understanding how culture is received, interpreted, and transmitted across temporal and geographical distances
- Analyzing ancient textual and material evidence using a variety of methods and approaches

- Appreciating gaps and sources of conflicting information in the historical, literary, and archaeological records
- Assessing ways in which traditional interpretations of antiquity and classical heritage have been shaped by contemporary social and political contexts and concerns
- Attaining greater appreciation for the complexity of studying the ancient world by examining specific cultures and/or geographical regions from multiple disciplinary perspectives

The major in Ancient Studies requires a total of eleven courses: five drawn from the required Core; five the student's designated Areas of Interest (Tracks); and AS 498, the Comprehensive Examination.

**I. The Ancient Studies Core**

All students must complete five courses designed to provide a foundation in language, ancient history, and material culture, including:

**At least one year of an ancient language:**

GK 101-102: Introduction to Ancient Greek I and II  
LA 101-102: Elementary Latin I and II  
LA 201-202: Intermediate Latin I and II

With the permission of the Ancient Studies Coordinator, students may fulfill this requirement with Classical Chinese in combination with its prerequisites.

Normally, students are expected to meet the minimum language requirement through completion of courses offered at Eckerd College. Those who wish to transfer credit in Classical Hebrew, Sanskrit, or other languages designated relevant to the major in Ancient Studies should consult with, and obtain approval from, the Ancient Studies Discipline Coordinator.

**One of the following archaeology or anthropology courses selected in consultation with and approved by the Ancient Studies Discipline Coordinator:**

AN 201G: Introduction to Anthropology  
AN 204S: Introduction to Archaeology  
AN 230S: Linguistic Anthropology

**Two courses with an historical focus, selected from the following:**

CL 242H: Ancient Greek History  
CL 243H: The Roman Republic  
CL 244H: The Roman Empire  
EA 201G: East Asian Traditions  
HI 232G: World History to Columbus  
RE 240G: Non-Western Religions  
RE 241H: History of Christianity  
RE 242H: Engaging the Bible  
PL 321H: History of Philosophy: Greek and Roman  
PL 322H: History of Philosophy: Medieval and Renaissance

## Ancient Studies

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With permission of the Ancient Studies Coordinator, other infrequently offered courses that fulfill the goals of the Core may be substituted for one history-related course.

### II. Areas of Interest in Ancient Studies

Beyond the Core requirements, majors should work with a faculty mentor to select five focal courses in two areas:

- The Primary Area of Interest: three courses, to provide depth in a particular field
- The Secondary Area of Interest: two courses, to provide additional breadth

At least two courses in the primary and secondary areas of interest must be Eckerd College courses offered at the 300-level or above.

Students will select one primary and one secondary area of interest from among the following:

- Ancient Literature (in translation)
- Classical Languages and Literature
- Comparative Religion, Myth, and Philosophy
- East Asia
- Gender and Ethnicity in the Ancient World
- Greek World and Hellenistic Culture
- History and Material Culture
- Near East
- Roman World and Early Christianity

Specific courses for the areas of interest listed above (from Classics, Religious Studies, East Asian Studies, Philosophy, Art History, History, and Literature) are available through the Ancient Studies Discipline Coordinator.

### III. Comprehensive Examination

To complete the major, students must take AS 498, the Comprehensive Examination in Ancient Studies. Exceptional students may be invited to write a Senior Thesis (AS 499) in lieu of the Comprehensive Examination.

#### AS 301G Ancient Barbarians: Self and Other

Introduces the field of “Ancient Ethnography,” exploring representations of distant lands and peoples of the ancient world, as perceived by the Greeks and Romans. Modern theory will be used to illuminate various ancient ethnographic texts.

## ANTHROPOLOGY

Anthropology is the study of human biological and cultural diversity. It is a holistic discipline that explores the mutual interdependence of biology and culture in the human species. Major subfields are cultural anthropology, biological anthropology, archaeology and linguistics. Those completing the anthropology major will be able to do the following:

- Define and discuss the differences between biological and cultural aspects of humankind and the interdependence of these two areas.
- Explain the concept of cultural relativity and its implications for intercultural relations.
- Demonstrate conversance in an applied field of inquiry within the discipline.
- Conduct literature research and properly document it in a written report.
- Successfully undertake an anthropological method of empirical data collection.
- Formulate an analytical argument based on sound data and logical reasoning.
- Demonstrate oral proficiency with a presentation that includes visual aids.

#### Requirements for the major include the following:

- Five lower division courses: Introduction to Anthropology, Cultural Anthropology, Biological Anthropology, Principles of Archaeology, and Statistics (in any discipline)
- Four elective courses in anthropology
- Two capstone courses: Anthropological Research Methods and Anthropological Theory
- A senior comprehensive examination, or senior thesis (by faculty invitation)

All courses must be completed with a grade of C- or better. In addition, majors must satisfy an anthropology practicum requirement in one or more of the following ways:

- Fieldwork in archaeology, biological anthropology, or cultural anthropology. Students may engage in independent study sponsored by anthropology faculty. An independent study contract must be agreed upon and approved prior to embarking on the independent study. Students may choose to attend summer programs offered by other colleges and universities if pre-approved by the anthropology faculty and the Registrar's office. To count as the practicum in the anthropology major, the course must be accepted as transfer credit. Students should consult with anthropology faculty to choose an appropriate fieldwork program.

- An internship related to anthropology, chosen in consultation with anthropology faculty. An internship contract must be agreed upon and approved prior to embarking on the internship.
- Specified Winter Term and Spring-Into-Summer courses led by anthropology faculty.
- Study abroad programs recognized for credit by the International Education Office and the Registrar with classroom coursework in anthropology extending over a significant period of time. Typically, such study would entail spending at least five weeks abroad during a semester or summer term.

Students work closely with a member of the anthropology faculty in arranging for the practicum and are responsible for informing themselves of the available types of practicum opportunities, for choosing one that meets their needs, and for fulfilling the terms of the practicum in a timely manner.

Requirements for the minor are Introduction to Anthropology and any additional four courses which bear the AN designation. Three must be Eckerd College courses.

## **AN 201G Introduction to Anthropology**

Introduction to the four fields of anthropology: physical, cultural, linguistics, and archaeology. Includes such topics as economy and exchange, religion, political organization, kinship, and gender roles, from a comparative perspective.

## **AN 204S Principles of Archaeology**

Explore the role of archaeology in understanding the human past, including basic concepts in method and theory. Ethical and legal issues surrounding the preservation and interpretation of archaeological sites also examined.

## **AN 206G Cultural Anthropology**

Concepts, methods, and theories for understanding human cultural diversity. Includes such topics as economy, kinship, gender roles, political organization, and religion from a comparative perspective.

## **AN 220E Cultural Geography**

Study human population and cultural diversity as a function of geographic distribution. Culture regions and cultural landscapes examined in an environmental perspective, with particular attention to ethnicity, diffusion, and adaptation.

## **AN 230S Linguistic Anthropology**

The scientific study of language and its context: the elements of language and its uses in personal thought, social interaction, cultural values and institutions.

## **AN 240S Biological Anthropology**

Concepts, theories, methodologies used in the study of non-human primates, our hominid ancestors and modern humans. Subjects include human variation, evolutionary theory, osteology, primate anatomy and behavior, classification, and paleoanthropology. Includes a laboratory section.

## **AN 248S Forensic Anthropology**

Overview of human osteology in a forensic context, including search and recovery. Explores techniques for analyzing human skeletons, including the determination of sex, age, stature, ancestry, pathology, and personal identification. Discussion of criminal cases.

## **AN 252S Urban Anthropology**

Study of human populations and their cultural institutions in cities, including surveys of urbanism, urbanization, and their influences on human behavior. Explore the strategies used by human societies to cope with the demands of urban environments.

## **AN 285G Latin American Area Studies**

A multidisciplinary, contemporary overview of the peoples and cultures, achievements and challenges faced in Latin America.

## **AN 286G Cultures of Sub-Saharan Africa**

Cultural heritage of Sub-Saharan nations, including history, economy, politics and social structure. Selected ethnographies for in-depth study.

## **AN 287G Caribbean Area Studies**

Surveys the culture history and ways of life of the peoples of the Caribbean region; their economic system; socioeconomic forms of organization; domestic organization and gender relations.

## **AN 289S Gender: Cross-Cultural Perspective**

Comparative study of significant topics in the anthropology of gender: men and women in prehistory, interrelationships between biology and culture, cultural construction of gender, division of labor, religion/ritual, changes in gender roles.

## **ANI 300S Ethnographic Practicum: Prague**

Review cultural history of Prague and the Czech nation. Learn ethnographic methods and conduct a research project in Prague using participant observation in districts such as the Jewish Quarter, Prague Castle, New Town, and Old Town.

# Anthropology

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## **AN 318S Culture, Politics, and Food**

Overview of the meanings inherent in food and food habits in cross-cultural perspective. Consideration of the socio-cultural context of food production and consumption, including agricultural systems, commoditization, and globalization. Prerequisite: AN 201G.

## **AN 333S Anthropological Research Methods**

Design and implementation of different types of research modes. Field work projects. Prerequisite: AN 201G.

## **AN 335E Cultural Ecology**

An interdisciplinary, cross cultural study of how human populations operate within ecosystems, including cultural adaptations to natural environments. Explores environmental constraints on human behavior that influence long-term cultural change. Prerequisite: AN 201G.

## **AN 338S Anthropology and Religion**

Religious beginnings, role in human life, and movements from an anthropological viewpoint. Primitive religions, movements in industrialized society. Selected case studies. Prerequisite: AN 201G (exceptions made for Religious Studies and other interested majors).

## **AN 339S Development Anthropology**

Population growth, hunger and nutrition, agricultural development, role of cultural factors such as economic decision-making, risk-taking, gender roles. Prerequisite: Sophomore or higher. AN 201G recommended.

## **AN 341S Medical Anthropology**

Relationship between health and culture in contemporary societies worldwide. Examination of beliefs and practices related to health, illness, and healing in present-day cultures.

## **AN 346S Disease in Human Antiquity**

Study of human disease in the past through the biological, historical, and archaeological records. Examination of diseases, how they affect humans biologically and anatomically, and the evolutionary, ecological, and cultural factors responsible for their occurrence.

## **AN 347 Human Origins**

Overview of the evolution of human skeletal anatomy, behavior, and culture. Topics include diagnostic features of human and primate fossil species, evolutionary method and theory, and critical evaluation of evolutionary relationships. Prerequisite: AN 240S Physical Anthropology.

## **AN 348 Human Osteology and Anthropology**

Detailed study of the human skeleton and dentition. Identification of skeletal elements, teeth, and associated anatomical features. Examination of population relationships, cultural practices, and behavioral patterns using the skeleton. Prerequisite: AN 240S, AN 248S or BI 200.

## **AN 410 Anthropological Theory**

Senior seminar for anthropology majors. Covers the development of theory from 19th century origins, through various schools of thought up to modern/postmodern theory in anthropology. Juniors and Seniors only.

## **ARABIC**

### **AB 101 Modern Standard Arabic I**

Fundamentals of Modern Standard Arabic language with a focus on developing skills in reading, writing, speaking, and listening comprehension. Introduction to basic grammatical structure, vocabulary, and everyday communication skills.

### **AB 102 Modern Standard Arabic II**

Continuation of AB 101. Completion of AB 102 fulfills the one year language requirement. Prerequisite: AB 101.

### **AB 201 Intermediate Arabic I**

Comprehensive review of grammar and vocabulary. Emphasis on expression and interpretation of meaning in a social context. Practice in reading, writing, speaking, and listening comprehension. Examines dialects of Arabic and related cultural practices. Prerequisite: AB 102.

## **ART**

The visual arts major is process and project oriented. Students develop their own area of emphasis, focusing on imagery and content through their chosen media. The major should be seen as the central part of the student's education, with other college requirements and electives serving to shape the young artist as a whole person.

Specific focus and courses for the major are worked out with a visual arts Mentor. Every program must consist of a minimum of ten studio courses, including AR 101A, 102A, and 320, plus three approved courses in art history at least one of which should be at the 300 level. Every student must pass the required Sophomore show review in the categories of drawing and design before undertaking the Senior Thesis Exhibition. The Senior Thesis Exhibition is

required of all majors for graduation, and must demonstrate technical competence and a developed artistic vision, the ability to work in a sustained way with a visual problem or problems, and to organize gallery space coherently. A required Senior seminar in the final semester concludes the visual arts major.

### Requirement for Junior Transfer Students

A student transferring from another college at the Junior level and electing to major in art must submit a portfolio of work demonstrating competency in drawing and design as a substitute for the required Sophomore show. Students unprepared to submit a portfolio or who do not demonstrate competency in both areas may not expect to graduate in two years with a major in visual arts. The normal four year program moves from structured courses, to greater freedom, to the independently executed Senior Thesis Exhibition.

### Freshmen

- AR 101A Visual Problem Solving
- AR 102A Drawing Fundamentals
- Art History course
- Choice of studio courses

### Sophomores

- Choice of studio courses
- Art History course
- Sophomore show

### Juniors

- Art History course
- Choice of studio courses
- Studio Critique

### Seniors

- Thesis show preparation
- Senior Thesis Exhibition
- Senior Seminar

An art minor consists of AR 101A Visual Problem Solving, AR 102A Drawing Fundamentals, and one approved course in art history, plus three other studio courses approved by the art faculty for qualification for the minor.

### AR 101A Visual Problem Solving

Systematic approach to visual arts, developing skills in spatial organization, relating forms in sequence, discovering uniqueness, personal approach to solutions, even within narrow, arbitrarily prescribed bounds.

### AR 102A Drawing Fundamentals

For the novice or the initiated, an immersion in new ways of seeing, eye-hand coordination, self-discovery, and self-expression through varied drawing media, using as sources the figure, still-life, nature, and imagination.

### AR 222A Clay I

For beginners, the fundamentals of ceramic materials, hand forming, recycling, glazing, firing. Laboratories with supervised working time and lectures on technical knowledge and creative problem solving.

### AR 228 Painting Workshop

Introduction to process of painting with emphasis on each student finding his/her own imagery, exploring technical means. Any medium or combination allowed. Prerequisites: AR 101A and AR 102A.

### AR 229A Photography as Image Gathering

Process, techniques, and aesthetics of taking and developing black and white film photographs. No prerequisites, but the student should have access to a camera with adjustable aperture and shutter speeds.

### AR 241 Intermediate Drawing

Explore a variety of approaches to drawing, using traditional and non-traditional media. Prerequisites: AR 101A and AR 102A.

### AR 242A Introduction to Museum Studies

This course introduces students to the basic principles of how a museum operates. Through lectures, case studies, guest speakers, and field trips, students will experience various departments within a museum.

### AR 244 Digital Photography

Photography in context with digital technology; the composition and creation of artistic digital images. Digital camera required. Evaluation based on quality of work, participation, effort and improvement. Prerequisites: AR 101A, AR 102A, or AR 229A.

### AR 245A Arts Marketing

The means available to individuals or arts institutions by which a single product or an entire institution may be marketed to the public.

### AR 246 The Figure

The figure remains a vital study for artists, particularly for those whose roots are in the western tradition. Create figurative works in varied 2-d and 3-d media and explore the evolution of figurative imagery in art. Prerequisites: AR 101 and AR 102.

### AR 303 Asian Art and Techniques

Learn oriental art appreciation. Explore and practice the forms, styles, techniques and materials of oriental art (mostly Chinese). Prerequisite: AR 101A or AR 102A or permission of instructor by portfolio review.

### AR 307 Clay and Glaze Chemistry

In this course students will learn to work with and analyze the chemical constituents of the ceramic process. We will also create many objects to test glazes in a variety of firing methods and temperatures. Prerequisite: AR 222 and permission of instructor.

# Art

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## **AR 308 Throwing on the Potter's Wheel**

Throwing instruction and practice. Skill, aesthetic considerations, techniques and critiques.

Prerequisite: AR 222A and permission of instructor.

## **AR 309 Ceramic Sculpture**

Various techniques from forming through surface finishes. Clay as a sculpture medium from prehistoric through contemporary use, with an emphasis in creative problem solving. Prerequisites: AR 101A and AR 222A and permission of instructor.

## **AR 310 New Genre Art**

In this studio art course, students will create study and create art works in the newest 4d media such as installation, video, sound and concept, as well as combining 2 and 3-d media such as image and word. Prerequisites: AR 101A or AR 102A.

## **AR 311 Sculpture**

Creative conceptualization and exploration of art in three and four dimensions, employing both additive and subtractive means, including but not limited to casting, carving, welding and assemblage. Prerequisites: AR 101 and AR 102.

## **AR 320 Studio Critique**

Independent studio work with regular critiques. Reading and written assignments on art theory and criticism. Class used for review of work, oral presentation, discussion, and field trips. Prerequisite: Junior Visual Arts majors/minors or Inter disciplinary Arts majors.

## **AR 322 Advanced Photography Critique**

Independent projects in film or digital photography, with class critiques weekly. Evaluation on final portfolio exhibiting technical excellence and creative insight. Prerequisites: AR 229A or AR 244 and permission of instructor.

## **AR 325 Monotype**

Explore ways of achieving single-impression images through use of oil paint, watercolor and printing inks. Printing both with an intaglio press and by hand. Prerequisites: AR 101A and AR 102A.

## **AR 327 Painting Workshop II**

Continuation of process begun in AR 228. Individual instruction with periodic group critiques. Emphasis on larger scale works and technical appropriateness. Prerequisites: AR 228.

## **AR 328 Painting Workshop III**

Continuation of process begun in AR 327. Individual instruction with periodic group critiques. Emphasis on larger scale works and technical appropriateness. Prerequisites: AR 327.

## **AR 340 Museum Studies II**

A continuation of Introduction to Museum Studies that will provide a deeper understanding of art museums and the theories about why art museums exist, and how they have evolved. Prerequisite: AR 242A.

## **AR 342 Introduction to Graphic Design**

Basic elements of graphic design: typography, modern print techniques, illustration, photography in advertising, publishing, mass media. Prerequisites: AR 102A and Junior or Senior standing.

## **AR 343 Introduction to Computer Art**

The importance, versatility, persuasiveness and potential of computer art. Become familiar with computer graphics programs and develop personal electronic art languages. Prerequisites: AR 101A and AR 102A.

## **AR 344 Computer Art II**

Intermediate level based on AR 343. Prerequisites: AR 101A, AR 102A, and AR 343.

## **AR 346 The Art of Web Page Design**

The importance, versatility, persuasiveness and potential use of art on the internet. Become familiar with WWW design and computer graphic programs and develop personal creativity in digital art. Prerequisites: AR 101A and AR 102A.

## **AR 347 Experimental Photography**

Creative applications in photography; various printing techniques such as sandwiching, blending, and overlay; also includes staged photography, multiple exposures, hand tinting and more. Access to film camera required. Prerequisites: AR 101A and AR 229A.

## **AR 348 Experimental Film and Video**

In this course students will produce their own experimental films and videos as well as study the history and theory of these relatively new art media. The class will exhibit work for the college community. Prerequisites: AR 101A or AR 102A.

## **AR 349 Animation on the WEB**

Explores the relationship of art and technology while familiarizing the student with computer animation programs for the Internet and the aesthetics of computer art. Prerequisites: AR 101 or 102 or AR 343 Intro to Computer Art.

## **AR 410 Visual Arts Senior Seminar**

Senior thesis closure. Critiques, slide-making, portfolio building, resume writing, interviews with artists, visits to off-campus art events, graduate school concerns, larger art issues.

**AR 420 Studio Critique**

Independent studio work with regular critiques. Readings and written assignments on art theory and criticism. Class used for review of work, oral presentation, discussion, and field trips. Prerequisite: Junior Visual Arts majors/minors or Interdisciplinary Arts majors.

**AR 499 Senior Thesis and Seminar**

For Senior art majors preparing thesis shows, self-structured time to work, regular weekly meetings, critiques, practice in hanging and criticizing shows. Personal, individual discussion time with instructor. Prerequisite: Senior major in art.

**ART HISTORY**

The Art History program is designed to provide students a challenging environment to study great works of art and architecture primarily within the Western tradition. Students are also given the opportunity to incorporate courses on the art and architecture of Asia.

The foundation course is AH 103A Art of the Western World where emphasis is placed on broadly evaluating art in terms of style, purpose, subject matter, and historical context. Students develop a comprehensive understanding of the history of art, build their art historical vocabulary, and become proficient in the basic skills of formal analysis. With this base of knowledge, students then progress into any of the specialized studies of art and architecture. These advanced courses are especially designed to hone students' written and spoken analytical and comparative skills, and to engage them in thorough investigations of major movements and styles of art as well as the numerous historical, political, religious, social, economic, psychological, and/or environmental forces that shaped them.

Students may earn a minor in art history. The minor requires successful completion of Art of the Western World and five additional approved art history (AH) courses, only two of which may be at the 200 level. Coursework in art history taken overseas or at other institutions may also qualify but is subject to the approval of discipline faculty.

**AH 103A Art of the Western World**

Introductory course covering the major periods of western art history from its inception to the present-day. Discussion of major works from each era provides information about the cultures and highlights achievements of outstanding artists.

**AH 203A Arts of the Silk Road**

A survey of the arts and material culture of the golden age of the Silk Road caravan trade between China, India, and Persia. Emphasis is placed on Chinese arts, especially through Buddhist painting and sculpture.

**AH 208A History of Architecture**

Introductory survey of architectural history from prehistory to today. Though emphasis is placed on the history of built forms from the West, comparisons will be made to architectural monuments from other areas of the globe.

**AH 221A Art of Japan: Jomon to Anime**

Major epochs of Japanese art history from its beginnings in the Jomon period to today. Discuss the development of a wide variety of artistic media in terms of style, subject matter, purpose, and historical context.

**AH 317 American Art**

This course is primarily an in-depth study of American painting from its genesis to the present though major monuments in sculpture and architecture are also highlighted. Critical and theoretical issues of the period are discussed. Prerequisite: AH 103A.

**AH 319 Nineteenth-Century Art**

Study of nineteenth-century art painting and sculpture focusing primarily on France. Artistic achievements of countries such as England, Germany, Italy, and the United States are also examined. Critical and theoretical issues of the period are discussed. Prerequisite: AH 103A.

**AH 320 Twentieth-Century Art**

The history of painting and sculpture from the turn of the twentieth century to the present, in the United States as well as in Europe. Critical and theoretical issues of the period are discussed. Prerequisite: AH 103A.

**AH 321 Topics in Contemporary Art**

This course will address recent global developments in art from 1945 to the present; focus on particular artists, works, and movements will vary. Critical and theoretical issues of the period will be discussed. Prerequisite: AH 103A.

**AH 322 History of Photography**

This course is an overview of the history of photography from the nineteenth century up to today. Prerequisite: AH 103A or AR 229A.

**BEHAVIORAL SCIENCE****BE 260M Statistical Methods for the Sciences**

Statistical methods used in the professional literature of the natural sciences. Univariate, bivariate, and inferential statistics. Prerequisites: Sophomore standing and one of the following: BI 100N, BI 101N, MS 101N, MS 102N, CS 143M, ES 270N.

## BIOCHEMISTRY

Programs of study leading to B.S. and B.S. (ACS certified) degrees are available. The descriptions below summarize degree requirements.

### **B.S. Degree: Biochemistry Program Courses:**

The required chemistry courses are CH 121N, 122, 212, 221, 222, 321, 326, 415, and 417.

The required biology courses are BI 202, BI 303, and BI 308.

### **B.S. Degree (ACS certified): Biochemistry**

**Program Courses:** CH 121N, 122, 212, 221, 222, 321, 322, 326, 415, 417, 424, and either 429 or 499. Also required are Cell Biology (BI 202) and Genetics (BI 303). The certification for this degree program is through the American Chemical Society.

All biochemistry majors must enroll in the chemistry seminar course (CH 410) for four semesters during their junior and senior years. Moreover, all chemistry and biochemistry programs require two semesters of college-level calculus (MA 131M and MA 132M) and two semesters of college-level physics (PH 241N and PH 242).

Additionally, students must satisfy the collegium requirement of 16 courses for any of the B.S. degrees. Finally, students must maintain a C average or better in courses within the chemistry discipline and the required supporting courses listed above.

For course descriptions, see **Biology** and **Chemistry**.

## BIOLOGY

The biology major is designed to give a broad pre-professional background for students interested in careers in biology, molecular biology, biomedical science, environment science, and related fields.

Biology majors are required to demonstrate basic knowledge in important areas of the life sciences from the cellular and molecular level through the ecosystem level. They learn how to develop experiments to test appropriate hypotheses, gather and analyze data and synthesize the information obtained. Students will demonstrate a knowledge of skills and laboratory techniques necessary for investigative research. Students gain an appreciation of the history of the life sciences and the relationship of information gained from a scientific perspective to values-oriented issues in their lives. Through this program, students also have the opportunity to develop their writing and speaking skills. Students demonstrate achievement of the biology program by satisfactory completion of the courses required for the major and a Senior thesis or the senior capstone course, Integration of Biology.

### **For the B.S. degree: (pre-professional)**

Students must fulfill all the general education requirements, and for the biology major, they must complete MA 131M (Calculus I), and either MA 133M or any approved statistics course, CH 121N, 122, 221, and 222, (general and organic chemistry), PH 241N, 242 (Physics), eight biology courses (Bio diversity: Botany, Biodiversity: Zoology, Cell Biology, Genetics, Physiology, Ecology, and two biology electives), one semester each of Biology Junior and Senior Seminar, and BI 498 Integration of Biology. Students participating in off-campus programs may petition for alternatives to these specifications. A grade of C- or better is required in the following biology courses: BI 100N Biodiversity: Botany, BI 101N Biodiversity: Zoology, BI 202 Cell Biology, and BI 303 Genetics and Molecular Biology.

Some Anthropology and Marine Science courses can count as Biology electives. See Anthropology for the course description for AN 348 Human Osteology and Anthropology and Marine Science for course descriptions for the following: MS 288 Marine and Freshwater Botany, MS 289 Marine Invertebrate Biology, MS 302 Biology of Fishes, MS 311 Marine Mammalogy, MS 315 Elasmobranch Biology & Management.

For the B.S. degree, foreign language may be taken in the Junior year to accommodate the early completion of prerequisite courses in chemistry and mathematics. Beginning students are strongly encouraged to begin General Chemistry their first semester.

Sample molecular and organismic course sequences for the B.S. degree in Biology:

### **Both sequences:**

- Semester 1: Biodiversity: Botany and General Chemistry I
- Semester 2: Biodiversity: Zoology and General Chemistry II
- Semester 3: Cell Biology and Organic Chemistry I
- Semester 4: Genetics and Organic Chemistry II

### **Molecular option:**

- Semester 5: Developmental Biology or Advanced Genetics and Physics I
- Semester 6: General and Molecular Physiology
- Semester 7: Ecology and Microbiology
- Semester 8: Immunology and/or Independent Study

### **Organismic option:**

- Semester 5: Ecology or Vertebrate Biology and Physics I
- Semester 6: Comparative Physiology and Physics II
- Semester 7: Marine Mammalogy or Biology of Fishes
- Semester 8: Conservation Biology and/or Independent Study

**For the B.A. degree: (liberal arts)**

Students must meet the general education requirements and for the biology major they must complete eight biology courses (including Biodiversity: Botany and Biodiversity: Zoology, or the equivalent, Cell Biology, Genetics, Physiology, Ecology, and two biology electives), one semester each of Biology Junior and Senior Seminar, BI 498 Integration of Biology, plus MA 131M (Calculus I), a statistics course and General Chemistry I and II. A grade of C- or better is required in the following biology courses: BI 100N Biodiversity: Botany, BI 101N Biodiversity: Zoology, BI 202 Cell Biology, and BI 303 Genetics and Molecular Biology.

Some Anthropology and Marine Science courses can count as Biology electives. See Anthropology for the course description for AN 348 Human Osteology and Anthropology and Marine Science for course descriptions for the following: MS 288 Marine and Freshwater Botany, MS 289 Marine Invertebrate Biology, MS 302 Biology of Fishes, MS 311 Marine Mammalogy, MS 315 Elasmobranch Biology & Management.

Students who major in biology may not also major in marine science (biology track), or biochemistry.

**For the Biology minor:**

A minor requires five biology courses, not including more than two at the 100 level, perspective courses, or directed or independent studies. At least one of the five courses must be at the 300 level or above.

**BI 100N Biodiversity: Botany**

This course is devoted to the understanding of the origins of life and the evolution and diversification of the living groups of plants.

**BI 101N Biodiversity: Zoology**

This course is devoted to the understanding of the origins of animal life and the evolution and diversification of invertebrate and vertebrate groups.

**BI 200 Comparative Vertebrate Anatomy**

Classification, evolutionary history, structure, neo-Darwinian evolution and evolutionary features as seen in anatomy of aquatic and terrestrial chordates.

**BI 202 Cell Biology**

Structure, function and the flow of energy as the unifying principle linking photosynthesis, anaerobic, aerobic respiration and expenditure of energy by the cell. Co-requisite: CH 121N and Sophomore standing.

**BI 204 Microbiology**

Biology of microorganisms; microbiological techniques, isolation and identification of unknown organisms. Prerequisite: BI 202 Cell Biology.

**BI 207N Medical Ethics**

Are you state property? Explore the subtleties of decisions made by you and about you in the biomedical world. Topics to be covered include pharmaceutical development, human experimentation, medical crises, and individual case studies.

**BI 220 Field Entomology**

Introduction to the life history, ecology, behavior, and evolution of insects. This field-based course will also focus on collection and identification techniques. Students will develop a permanent insect collection. Prerequisites: BI 101N and sophomore standing.

**BI 301 Principles of Ecology**

Physical, chemical and biological relationships in natural communities. Field work in nearby ponds and Gulf shoreline. Prerequisite: BI 303 and Junior or Senior standing.

**BI 303 Genetics and Molecular Biology**

Mendelian and transcription genetics from historical perspective. Experimental approach emphasized. Small lab groups participate in experimental design, and develop research skills in both classical genetic systems and molecular biology. Prerequisites: CH 122 and BI 202.

**BI 307 Ecology: Amphibians and Reptiles**

Fundamental concepts in ecology through the study of amphibians and reptiles. Meets ecology requirement for biology, marine science and environmental studies majors. Prerequisite: BI 101N or BI 200.

**BI 308 General and Molecular Physiology**

Mammalian nervous, endocrine, muscle, cardiovascular, respiratory, digestive, urinary, immune, reproductive systems. Macro and molecular aspects. Prerequisites: BI 202 and CH 122.

**BI 312 Plant Ecology**

Relationship of plants with their biological, physical, and chemical environments. Includes understanding the coexistence of plants in communities, landscape dynamics, productivity, environmental stresses, and principles of restoration ecology. Prerequisite: MS 188 or BI 100N.

**BI 314 Comparative Physiology: Investigative**

Physiological mechanisms of animals and general principles revealed through application of comparative methods. Creative project lab to develop research skills. Prerequisites: BI 202, CH 122, and Junior or Senior standing.

# Biology

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## **BI 322 Animal Behavior**

This class examines animal behavior from an evolutionary perspective. We examine foraging, grouping patterns, territoriality, mating, parenting, social organization, aggression and cooperation in context of the theory of natural selection. Co-requisites: Junior standing and BI 301 Principles of Ecology.

## **BI 371N Conservation Biology**

Examine problems such as species decline and endangerment, invasion by non-native species, habitat destruction and fragmentation, loss of biodiversity, and potential solutions, such as endangered species management, habitat restoration, ecosystem management. Prerequisites: (ES 270 or BI 100N and BI 101N or MS 288 and MS 289) and any statistics course.

## **BI 372 Parasitology**

An ecological and evolutionary approach to parasitism. A broad survey of parasites of humans and animals, with emphasis on parasite life cycles and anatomy. Genetic, immunological, pathological and economic aspects of parasite-host relationships. Prerequisite: BI 303.

## **BI 373 Restoration Ecology**

Focuses on understanding how natural processes recover from a variety of disturbances. Study of practices for restoring ecosystems. A multi-scale approach will be used with distinct emphasis on coastal wetlands. Prerequisites: One year organismal or environmental biology or permission.

## **BI 397 Neuroscience**

This course covers topics in neuroscience: whole body—basics of the central and peripheral nervous systems and molecular level—neurotransmission and biochemical regulation. Neurological function and dysfunction will also be considered. Prerequisite: BI 202.

## **BI 406 Advanced Topics in Botany**

Subjects investigated determined by student interest. Prerequisite: MS 288.

## **BI1 410 Biology Junior Seminar**

Exploration of current biology research topics, biology internship opportunities and strategies for gaining internships. BI1 410 Biology Junior Seminar and BI2 410 Biology Senior Seminar are required for one course credit. Required for both BA and BS programs. Juniors only. Prerequisite: BI 303.

## **BI2 410 Biology Senior Seminar**

Student presentation and discussion of current research papers in biology. Both BI1 410 Biology Junior Seminar and BI2 Biology Senior Seminar are required for one course credit. Required for both BA and BS programs. Seniors only.

## **BI 412 Receptor Pharmacology**

Investigate major classes of therapeutic drugs, cell surface receptors, and intracellular signaling pathways. Explore rationales and mechanisms underlying clinical pharmacotherapy for a variety of human diseases. Prerequisites: BI 202, BI 303, CH 122.

## **BI 420 Advanced Ecology and Evolution**

Read and evaluate scientific literature and conduct a semester-long independent field research project on selected topic. Prerequisites: B or better in BI 301.

## **BI 422 Advanced Topics in Genetics**

Selected topics from contemporary areas of genetics. Gene regulation in embryological development, oncogenes, immunogenetics, genetic engineering, human genetics. Biological and social implications. Prerequisite: BI 303 or BI 305.

## **BI 424 Developmental Biology**

Molecular and morphological mechanisms underlying the development of body plans and organ systems in the embryos of marine and terrestrial species. Current scientific literature, modern experimental techniques, independent laboratory research projects. Prerequisites: BI 202 and BI 303 and instructor's permission.

## **BI 430 Independent Research: Biology**

For students interested in pursuing careers in biology intensive instruction in use of laboratory and/or field equipment. Various methodology approaches, current and historical, used in scientific investigation. Prerequisites: CH 222, BI 202, 303, and instructor's permission.

## **BI 498 Integrating Biology**

A comprehensive review and integration of topics in biology through faculty-led and student-led discussion. Students will be evaluated on participation and periodic evaluations including at least one standardized exam (the major fields test).

## **BI 499 Independent Research - Thesis**

Upon invitation, Seniors may design and carry out a creative research program, usually resulting in a written dissertation which is defended in the spring of the senior year.

## BUSINESS ADMINISTRATION

The Business Administration major focuses on acquiring those competencies that constitute the accepted body of knowledge in the discipline as those competencies apply to administering a for-profit corporate organization. This major is also directed at students who wish to pursue a Masters in Business Administration.

The competencies achieved in the Business Administration major are the ability to:

- Analyze, within the context of the environment within which a for-profit organization operates, complex business problems, and apply appropriate techniques to solve these problems;
- Evaluate and understand complex ethical issues and develop appropriate policies to address these;
- Conduct quantitative analysis and research appropriate for the management of for-profit organizations;
- Understand and apply management principles and skills, including organizational behavior and interpersonal communication, to engage in effective group work;
- Communicate effectively, both orally and in writing;
- Use accounting data to make effective financial and operating decisions; and
- Manage operations efficiently in the production of goods and/or services.

The course sequence for a major in business administration is as follows:

### Freshmen

MN 110S Principles of Management and Leadership  
 MN 271S Principles of Accounting  
 MN 272S Management Information Systems

### Sophomore

EC 281S Microeconomics  
 EC 282S Macroeconomics  
 MN 260M Statistical Methods in Management and Economics  
 MN 278S Business Law

### Junior

MN 220 Quantitative Methods for Management and Economics  
 IB 369S Principles of Marketing  
 MN 310 Operations Management  
 MN 371 Organizational Behavior and Leadership  
 MN 377 Introduction to Business Finance or IB 378 Investment Finance

### Senior

MN 372 Accounting II  
 IB 376 Global Human Resource Management  
 MN 498 Business Policy and Strategic Management

Business Administration majors are required to complete each course with a grade of C- or better. Students who major in business administration may not also major or minor in management.

For course descriptions, see **Management** and **International Business**.

## CHEMISTRY

The capabilities and skills that chemistry majors are expected to obtain include knowledge of chemical synthesis, analysis, and theory. In addition, students acquire competence in laboratory techniques, the use of chemical instrumentation, computers, written and oral communication, and the ability to use the chemical literature.

Programs of study leading to B.A., B.S. and B.S. (ACS certified) degrees are available. The descriptions below summarize degree requirements.

### B.A. Degree: Chemistry Program Courses:

CH 121N, 122, 212, 221, 222, 321, 326, and one upper-level chemistry elective from 322, 415, 422, and 424.

### B.S. Degree: Chemistry Program Courses:

CH 121N, 122, 212, 221, 222, 321, 322, 326, 424, and one upper-level chemistry elective, either 415 or 422.

### B.S. Degree (ACS certified): Chemistry Program

**Courses:** CH 121N, 122, 212, 221, 222, 321, 322, 326, 415, 424, 429 or 499 and one upper-level chemistry elective, either 417 or 422. The certification for this degree program is through the American Chemical Society

All chemistry majors must enroll in the chemistry seminar course (CH 410) for four semesters during their junior and senior years. Moreover, all chemistry and biochemistry programs require two semesters of college-level calculus (MA 131M and MA 132M) and two semesters of college-level physics (PH 241N and PH 242).

Additionally, students must satisfy the collegium requirement of 12 courses for the B.A. degree and 16 courses for any of the B.S. degrees. Finally, students must maintain a C average or better in courses within the chemistry discipline and the required supporting courses listed above.

## Chemistry

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Students may obtain a minor in chemistry by earning a C- or better in any five of the following:

CH 121N General Chemistry I  
CH 122 General Chemistry II  
CH 212 Analytical Chemistry  
CH 221 Organic Chemistry I  
CH 222 Organic Chemistry II  
CH 321/323 Physical Chemistry I  
CH 322/324 Physical Chemistry II  
CH 326 Instrumental Analysis  
CH 415 Biochemistry I  
CH 424 Advanced Inorganic Chemistry

### CH 100N Environmental Chemistry

The objective of the course is to provide knowledge of current environmental issues such as air and water pollution, alternative energy sources and the hazards of radioactivity. It is intended for the non-science major.

### CH 121N General Chemistry I

Examines modern chemical theory including stoichiometry, gas laws, atomic structure and bonding, and solutions. Prerequisites: high school chemistry and three years of high school mathematics or CH 110N with a grade of C- or better.

### CH 122 General Chemistry II

Topics include kinetics, thermodynamics, chemical equilibria, ionic equilibria, acid-base chemistry, electrochemistry, descriptive inorganic chemistry, and nuclear chemistry. Prerequisite: General Chemistry I with a grade of C- or better.

### CH 209N Survey of Astronomy

Introduction and study of planets, stars, galaxies, and celestial motion for non-science majors. Some night observing sessions and out-door activities.

### CH 210N Astrobiology and Life in the Universe

Examines stars, planets, and conditions for biological life. Topics include comet impacts, life in extreme environments, and searches for extraterrestrials. Some evening observing. Prerequisites: passing grades in a year of high school algebra and either high school chemistry or physics.

### CH 212 Analytical Chemistry

An extensive treatment of chemical equilibria including acid-base, redox, solubility, and complexation, with application to chemical analysis. Prerequisite: CH 122 with a grade of C- or better.

### CH 221 Organic Chemistry I

First of a two-course sequence dealing with the chemistry of carbon-containing compounds from simple aliphatic hydrocarbons to alcohols. Prerequisite: CH 122 with a grade of C- or better.

### CH 222 Organic Chemistry II

Continuation of CH 221. Structure, properties, reactions, and synthesis of carbonyl compounds and carboxylic acid derivatives, aromatic compounds, carbohydrates, amino acids, and nucleic acids are examined. Prerequisite: CH 221 with a grade of C- or better.

### CH 321 Physical Chemistry I: Investigative

Study of the laws of thermodynamics, free energy, and chemical equilibrium; solutions of electrolytes, non-electrolytes; electrochemistry, chemical kinetics, and kinetic theory. Prerequisites: C- or better in each of CH 122, MA 132M, and PH 242.

### CH 322 Physical Chemistry II: Investigative

Examination of wave mechanics, chemical bonding, atomic and molecular spectroscopy, statistical thermodynamics and some molecular symmetry. Prerequisite: CH 321 with a grade of C- or better.

### CH 323 Physical Chemistry I: Interpretive

Non-laboratory version of CH 321.

### CH 324 Physical Chemistry II: Interpretive

Non-laboratory version of CH 322.

### CH 326 Instrumental Analysis

Practical application of modern experimental techniques and modern chemical instrumentation. Required of all chemistry and biochemistry majors, normally in the Junior year. Prerequisites: CH 212 and PH 242 with grades of C- or better in each.

### CH 410 Chemistry Seminar - 1st semester

Papers and discussions on chemistry topics. Chemistry majors present at least one paper a year. Two years participation equivalent to one course credit. Continuation in seminar contingent upon satisfactory progress in upper-division courses.

### CH 410 Chemistry Seminar - 2nd semester

Continuation of Chemistry Seminar. Four semesters required for one course credit.

**CH3 410 Chemistry Seminar - 3rd semester**

Continuation of Chemistry Seminar. Four semesters required for one course credit.

**CH4 410 Chemistry Seminar - 4th semester**

Continuation of Chemistry Seminar. Four semesters required for one course credit.

**CH 415 Biochemistry I: Investigative**

Study of structures, functions, and dynamics of proteins, the role of genetic biomolecules, and some metabolic cycles, as related to the chemistry of these molecules. Prerequisites: CH 222 with a grade of C- or better, and class standing of Junior or Senior.

**CH 416 Biochemistry I: Interpretive**

Non-laboratory version of CH 415.

**CH 417 Biochemistry II: Investigative**

A continuation of CH 415. Biosynthesis of macromolecular precursors, in-depth study of genetic functions, and interactions between conformations of the macromolecules and their roles in metabolism and physiological processes. Prerequisite: CH 415.

**CH 418 Biochemistry II: Interpretive**

Non-laboratory version of CH 417.

**CH 422 Advanced Organic Chemistry**

Mass spectroscopy; advanced synthetic methods, elucidation of reaction mechanisms, stereochemistry, molecular rearrangements and orbital theory. Prerequisites: CH 222 and CH 322.

**CH 424 Advanced Inorganic Chemistry**

Structures, reactions, thermodynamic and physical properties of the elements and compounds. Development of group molecular orbital theory. Survey of molecular and solid state structures, transition metal complexes, main group compounds, organometallics, electronic spectroscopy, catalysis. Prerequisites: CH 321 and CH 326.

**CH 429 Senior Research in Chemistry**

Independent laboratory research in one of the major areas of chemistry. Elective for B.A. or B.S. in Senior year, required for non-thesis B.S. (Certified) chemistry majors. Prerequisites: CH 326 and permission of instructor.

**CH 499 Independent Research - Thesis**

Senior-year chemistry students with superior ability may be invited to do independent research with a member of the chemistry faculty and to write and defend a research thesis before a thesis committee.

**CHINESE**

The minor in Chinese requires a total of five courses, which must include the two-year language sequence (CN 101/102 and CN 201/202) or their equivalents. The fifth course should be chosen from among the following:

AH 203A Arts of the Silk Road

CN 302H East Meets West: Chinese Cinema

CN 301H Heroes and Anti-Heroes in Chinese Literature

CN 268A Love and Justice in Chinese Theater

CN 208G Gender and Sexuality in Asian Literature

CN 288G Chinese Pop Culture

CN 228G Chinese Martial Arts in Literature and Film

PO 335S Government and Politics of China

**CN 101 Elementary Chinese I**

This course seeks to lay a groundwork for the study of modern Chinese. It provides instruction in integrated language skills and combines sentence patterns with everyday life topics.

**CN 102 Elementary Chinese II**

Continuation of CN 101. This course covers more sentence patterns and everyday life topics. Prerequisite: CN 101.

**CN 201 Intermediate Chinese I**

This course is designed to help students achieve greater proficiency in the oral and written use of modern Chinese on the basis of the First-Year Chinese curriculum. More everyday life topics are covered. Prerequisites: CN 102.

**CN 202 Intermediate Chinese II**

This course is a continuation of CN 201 and completes the introduction of modern Chinese basic grammar patterns and everyday life topics. Prerequisites: CN 201.

**CN 208G Gender and Sexuality in Asian Literature**

Modern fiction and films primarily by women in China, Japan, and Korea. Works in English translation that address issues of gender, sexuality, and female subjectivity.

**CN 228G Chinese Martial Arts in Literature and Film**

Study Chinese martial arts literature and cinema from pre-modern and modern periods. Examine the evolution of Chinese knight-errantry. Consider masculinities vs. femininities, representation of action, nationalism and internationalism, and relationship between tradition and modernity. Taught in English translation.

## Chinese

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### **CN 268A Love and Justice in Chinese Theater**

Survey of Chinese theater, with a focus on zaju, chuanqi, model theater, and modern spoken drama. Classes will combine lecture on background information and analysis of visual and audio examples with discussion of plays in translation.

### **CN 288G Chinese Pop Culture**

Experience contemporary Chinese pop culture through fiction, popular/rock music, TV drama, and films in a global context. The literary, musical and visual works will demonstrate the artistic trends and the consumers' taste in the commercialized society.

### **CN 301H Heroes and Anti-Heroes in Chinese Literature**

This course is a guided reading of the masterpieces of classical Chinese novels in translation. We will examine various types of heroes and anti-heroes, as portrayed in those works. Episodes of TV adaptation will be shown.

### **CN 302H East Meets West: Chinese Cinema**

How have Chinese artists integrated cinema, originally a western visual form, in their cultural context? This course investigates the issue through an examination of representative works in Chinese cinema produced from the 1930's to the present.

### **CN 307H Advanced Chinese I**

This course seeks to help students develop integrated skills of modern Chinese by handling more abstract topics. Formal written language is also introduced. Prerequisites: CN 202.

### **CN 308H Advanced Chinese II**

This course seeks to help students develop integrated skills of modern Chinese by handling more abstract topics. Formal written language is also introduced. Prerequisite: CN 307H.

## **CLASSICS AND ANCIENT HISTORY**

The minor in Classical Humanities builds on and extends the introduction provided by "Western Heritage in a Global Context." It offers a solid foundation in the Western humanities for anyone majoring in such fields as Literature, History, Art, Philosophy, or Religion. The minor also gives a broad perspective on the Western tradition to those majoring in the sciences or social sciences. Graduate and professional schools are increasingly recognizing the need for this broad humanistic focus.

The minor in Classical Humanities requires six courses drawn from any courses in classics, Greek, Latin, or ancient history and art. Two of the six

courses required may be chosen from the courses in ancient philosophy listed below. One of the six required courses may be drawn from the list of courses in other disciplines also found below. In addition, certain winter term courses will qualify for the minor when offered: e.g. Myth into Art, Classical Mythology, The Journey of the Hero and the Lover, and overseas study in Greece and Rome.

With prior permission from the Discipline Coordinator in Classics, students may receive credit toward the minor for another related course not found below.

Two of the six required courses in the minor may be drawn from the following courses in ancient philosophy:

PL 101H Introduction to Philosophy  
Independent Study of ancient philosophy  
Courses in early Greek science and philosophy  
PL 321H History of Philosophy: Greek and Roman

One of the six required courses in the minor may be drawn from the following courses in other disciplines:

Any course in Classical Art (See listings under **Art** and **Art History**)

Any of the courses in Literature listed below:

LI 236H History of Drama I  
LI 329H Literature, Myth, and Cinema  
LI 372 Tragedy and Comedy

### **CL 200H Classical Mythology**

An interpretive look at Greek and Roman myth. Read primary sources and analyze narratives from historical, sociological, cross-cultural, and psychological perspectives.

### **CL 203H Women and Gender in the Ancient World**

Explores the role and status of women in Greece, Rome, and the Near East. Uses modern theoretical approaches to understand representations of women in literary, historical, philosophical, and scientific texts and in the visual arts.

### **CL 242H Ancient Greek History**

An overview from the Bronze Age to Alexander the Great. Examines the literary and material records with an emphasis on the political and cultural development of the city-state.

### **CL 243H The Roman Republic**

Overview of the history of Rome from its legendary beginnings in the eighth century BCE to the fall of the Republic and the ascension of Octavian in 31 BCE.

**CL 244H The Roman Empire**

A continuation of the first semester survey of Roman History, the course starts with the end of the Republic in the first century BCE and ends with the destruction of the Empire in the fifth century ACE.

**CL 250H Odysseus' Journey through Time**

Uses Homer's epic as a basis for studying two twentieth-century adaptations of the Odyssey: James Joyce's *Ulysses*, set in Dublin, and Derek Walcott's *Omeros*, set in the Caribbean. Also discusses changing concepts of the epic hero.

**CL 252H The Path of Wisdom and Virtue**

Explores ancient conceptions of wisdom and virtue as conveyed in principal works of Aristotle and Cicero. Discusses the relevance of these concepts for our own age.

**CL 261H Greek Tragedy in Modern Film and Literature**

In-depth study of a few Greek tragedies and works they inspired in a variety of genres including drama, science fiction, psychological and philosophical studies, and film. Discusses changing concepts of tragedy and the tragic hero.

**CL 262H Ancient Comedy in Modern Film and Literature**

Examines great Greek comedies and their influence on works by the Romans, Shakespeare, Moliere, and modern playwrights, as well as on the modern sitcom and Broadway musical. Also discusses theories of comedy and the comic hero.

**CL 271H Greek Literature:  
A Critical Survey**

Selections from Greek poetry and prose. Emphasis on critical reading with attention to the socio-political context of works and to development of literary genres, forms, and symbols. No prerequisites, but CL 242H recommended.

**CL 272H Roman Literature:  
A Critical Survey**

Introduces many of the most important literary and historical texts of Roman civilization and examines the influences of Rome on the Western heritage.

**COASTAL  
MANAGEMENT MINOR**

The coastal management minor focuses on the development of skills suitable for students interested in management of coastal and marine resources, as well as those students pursuing careers in environmental consulting and academia. Students minoring in coastal management must learn to interpret critical coastal and marine issues from a multi-disciplinary perspective. Students will be exposed to coursework focusing on environmental/natural resource management, the biological and physical environment, and human dimensions of coastal management. The Minor in Coastal Management will help students integrate knowledge on an array of different topics, such as land use planning, protected area management, resource economics, environmental law and public policy in the interdisciplinary study of the management of coastal and marine environments.

The Coastal Management Minor is comprised of six classes. Students will be expected to take two core interdisciplinary courses related to the management of coastal and marine resources. Students must also take three electives from two broadly defined categories of study. The minor requires a minimum of one elective from both the Physical and Biological Environment and the Human Dimensions categories. The minor also requires that students take one class from a category of analytic tools. These tools will aid in the evaluation of interdisciplinary coastal and marine issues.

**Required Courses**

- ES 211N Introduction to Coastal Management
- One Coastal, Upper-Level Synthesis Class (either ES 460 Coastal Hazards: Science and Management or ES 461 Advanced Coastal Management)
- One Tools course
- 3 Electives (one elective from the Biological and Physical Environment category and one from the Human Dimensions category). At least one elective must be 300 level or higher.

Note: Environmental Studies majors and minors may not double count more than two courses.

# Coastal Management

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## Biological & Physical Environment Courses

(Must take at least one class)

MS 101N Geological Oceanography  
MS 102N Biological Oceanography  
ES 270N Environmental Biology  
MS 311 Marine Mammalogy  
ES 317 Global Environmental Change  
ES 372 Estuaries  
ES 373 Restoration Ecology  
MS 401 Coastal Geology

## Human Dimensions Courses

(Must take at least one class)

EC 201S Introduction to Economics of Environment  
ES 315S Wildlife Policy  
PO 325S Environmental Politics and Policy  
HI 353E Environmental History  
EC 373 Natural Resource Economics  
EC 374 Environmental Economics  
EC 388 Economic Development  
ES 480 Advanced Policy of Protected Areas  
ES 481 Advanced Ecotourism Policy/Practice  
A second Coastal, Upper-Level Synthesis Class;  
either ES 460 Coastal Hazards: Science and  
Management or ES 461 Advanced Coastal  
Management

## Tools Courses

(Must take at least one class from any  
category below)

### Statistics course

PO 260M Political Science Research Methods  
BE 260M Statistical Methods for Sciences  
SO 160M Statistical Methods  
MN 260M Statistical Methods for  
Management & Economics  
PS 200 & PS 201M Statistics and  
Research Design I & II  
MA 133M Statistics: An Introduction

### GIS/Remote Sensing course

ES 341N GIS for Environmental Studies  
ES 342 Introduction to Remote Sensing

### Writing course

CO 200E Writing the Environment  
CO 326 Environmental Rhetoric

## COMMUNICATION

The communication major is an interdisciplinary study of messages, audiences, media, and persuasion. Communication students study the methodology, prevailing theories, history, and questions that define this field. They learn the following:

- effective oral communication with a variety of audiences.
- effective written communication with a variety of audiences.
- analysis and interpretation of modern media.
- analysis and composition of arguments and other persuasive discourses.
- analysis and practice of ethical communication.
- design and completion of research-based study.
- application of the above to discipline or career specific concerns.

By choosing an appropriate minor, which is required for the communication major, students prepare themselves for graduate study or careers in entertainment, broadcasting, journalism, advertising, law, education, politics, non-governmental organizations, or public relations.

Communication majors must complete course work in these areas:

- a sequence of six required core courses: Introduction to Communication Theory, Fundamentals of Oral Communication, Argumentation and Debate, Media and Society, Propaganda and Persuasion, and Media Ethics.
- two Communication electives (non-core courses numbered 300 or higher)
- two tools courses selected from the following list or approved by the mentor: Introduction to Graphic Design, Analytic and Persuasive Writing, Advanced Research Writing, Group Dynamics, The Human Instrument, Visual Problem Solving, Drawing Fundamentals, Photography as Image Gathering, Experimental Film and Video, New Genre Art, Introduction to Computer Art, The Art of Web Page Design, Introduction to Computer Science, Introduction to Filmmaking.

- a minor in one of the following disciplines (five or six courses): American Studies, Art, Biology, Chemistry, Computer Science, Coastal Management, Creative Writing, Environmental Studies, Film, Geology, History, Human Development, International Business, International Relations and Global Affairs, Journalism, Law and Justice, Leadership Studies, Literature, Management, a modern language, Marine Science, Music, Philosophy, Physics, Political Science, Psychology, Religious Studies, Sociology, Theatre, or Women's and Gender Studies. With the approval of the mentor and appropriate discipline coordinator, students may substitute a minor in a field not listed. No course work applied to the major may be counted toward the completion of the minor
- Senior Comprehensive Course

Many students supplement course work by undertaking internships locally or overseas.

A typical course sequence for a major in communication might be as follows:

**Freshmen**

- CM 101A Introduction to Communication Theory
- CM 121 Fundamentals of Oral Communication

**Sophomores**

- CM 223 Argumentation and Debate
- CM 221A Media and Society
- Tools course
- Course work for minor

**Juniors**

- CM 360A Media Ethics
- CM 303A Propaganda and Persuasion
- CM elective
- Tools course
- Course work for minor

**Seniors**

- Course work for minor
- CM elective
- Senior Comprehensive Course
- Internships

**CM 101 Introduction to Communication Theory**

Overview of the subject matter, history, and the prevailing theories that define communication studies. Theories about the individual, society, and media, emphasizing research, rhetoric, and analysis. Provides a foundation for advanced study in core upper-level courses.

**CM 121 Fundamentals of Oral Communication**

This course surveys fundamental oral communication concepts with an emphasis on developing effective public speaking skills. Individual speech critiques.

**CM 221A Media and Society**

Analysis of relationships between contemporary media forms and society. Includes the cultural role of advertising, media influences on human behavior and thought, and social implications of new media technologies. Research projects and group discussion.

**CM 223 Argumentation and Debate**

Oral communication as rational persuasion. Techniques of argument, research, and rebuttal. Participation in debates on issues of campus and global interest. Prerequisite: CM 121 or CM 360A.

**CM 303A Propaganda and Persuasion**

Distinctions between persuasion and propaganda, ethics in communication, persuasive and propagandistic tactics and strategies in advertising and politics. Close reading of written and visual texts. Construction and destruction of propaganda.

**CM 306 Gender, Sexuality, and Media**

Explores the construction of gender identity and sexuality in media representations, organizations, audiences, and in relation to new media technologies. Prerequisites: CM 101 and Junior standing.

**CM 308 Organizational Communication**

This course explores communication theory and behavior within organizational settings. Topics covered include the role of communication, organizational perspectives, diversity in the workplace, leadership and work-life issues. Prerequisites: CM 101 and Junior or Senior standing.

**CM 310 Health Communication**

Application of communication theory and research to the health care context, including the patient-health care provider relationship and dissemination of health messages. Special emphasis on values, critical thinking, and problem-solving. Prerequisite: CM 101, Junior or Senior standing.

**CM 312 Public Relations: Theory and Practice**

Mastering public relations concepts, principles, and theory and a mini-practicum in applied theory and strategic planning. Special emphasis on building an ethical public relations foundation and communicating meaningfully with various publics. Prerequisites: CM 101 or CM 121.

## Communication

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### CM 320 Rhetorical Theory

An overview of rhetorical thought in the Western tradition, from Ancient Greek to contemporary theories of rhetoric, persuasion, and argumentation. Considers the relationship between rhetoric and epistemology, ethics, and power. Prerequisites: CM 101 and Junior or Senior standing.

### CM 360A Media Ethics

Media Ethics is designed to promote greater understanding of moral reasoning and ethical decision-making processes within the fields of journalism, advertising, and public relations.

### CM 498 Communication Research

Senior Comprehensive Course offers instruction in one or more approaches to communication research. Emphasizes critical thinking and analysis of communication phenomena and articulating communication/critique of research to an audience of critical peers. Prerequisite: Senior standing.

## COMPARATIVE LITERATURE

The comparative literature major offers students the opportunity to combine study of literature in English with literature in one or more foreign languages. Students of comparative literature investigate fundamental questions about the nature, function, and value of literature in historical, cross-cultural, and interdisciplinary contexts. Majors in comparative literature frequently integrate study abroad with courses taken on campus. Many comparative literature majors also successfully pursue double majors in related fields, such as French, Spanish, Philosophy, Creative Writing, History, and Theatre.

Students in comparative literature work closely with a mentor, normally chosen by the Junior year, to design an individualized course of study. Majors must take a minimum of ten courses as follows:

- Two LI-designated courses in comparative literature at the 200-level or above
- One LI-designated course in literary criticism at the 300-level or above
- Four LI-designated courses in English or American literature; at least two must be in the 300-level or above
- Three courses in the literature of one foreign language in which texts are read in the original language; at least one must be at the 300-level or above

In consultation with the mentor, students should plan their course of study so as to develop expertise in one particular period or genre while also acquiring a broad knowledge of literary history and criticism.

To complete the major, students must take LC 498, the comprehensive examination in comparative literature. In exceptional cases, students who have established their proficiency in comparative literature may be invited to write a Senior thesis in place of the comprehensive examination.

First-year or second-year students considering majoring in comparative literature are encouraged to enroll in a 200-level course in comparative literature such as LI 212H (Introduction to Comparative Literature), LI 236H (Great Plays: History of Drama I), LI 237H (Great Plays: History of Drama II), LI 281H (The Rise of the Novel), or LI 282H (The Modern Novel).

The skills comparative literature majors acquire in textual analysis, imaginative and critical thinking, research and writing, and foreign languages provide a solid basis for a wide range of career paths and advanced degrees in areas including publishing, law, journalism, international relations and business, film and entertainment, and education. Students considering graduate study in comparative literature are encouraged to gain proficiency in a second foreign language.

For a minor in Comparative Literature a student must take six courses, at least three of which are at the 300 level. Of these, three must be LI-designated courses in comparative literature, and three must be courses in the literature of one or more foreign languages (including courses in translation).

## COMPOSITION

Composition courses emphasize the ways different writing processes lead to successful learning and communication. All address the conventions of expository writing, audience awareness, critical thinking, standard English usage, documentation, and preparation of portfolios for competency evaluation.

The Writing Center, a service of the Writing Excellence Program, supplements composition courses and provides assistance to students regarding any writing task.

### CO 121 Writing Processes

Introduction to writing processes: pre-writing, drafting, revising, editing. Development of a personal voice to express ideas and values. Journal, academic essays, proper use of resources, including documentation.

### CO 122 Analytic and Persuasive Writing

Critical reading and analysis of texts, with attention to audience, organization, evidence, persuasion. Collegiate research report: research questions, writing from sources, presenting evidence logically.

**CO 200E Writing the Environment**

Investigation and practice of some of the many ways that people write about the environment, including the personal essay, advocacy writing, environmental journalism, environmental history, and scientific writing.

**CO 321 Composition Theory and Learning**

The role of writing in learning, theories of composition, analysis of writing processes, designing units of instruction. Group inquiry techniques and collaborative writing assignments. Practicum in tutoring. Prerequisite: Junior standing and completion of writing competency requirement.

**CO 326 Environmental Rhetoric**

Scientific, political, aesthetic, spiritual, ethical discourse, and media images have contributed to diverse understandings of the natural world. Examine the way different readings can create varied and contradictory values and beliefs about the environment.

**CO 328 Advanced Research Writing**

Advanced research-based writing processes and techniques. Research own field, refine information search skills, interview, integrate data graphics, create documents that meet professional communication standards. Evaluation of projects and final papers. Prerequisite: Junior Standing.

**COMPUTATIONAL SCIENCE**

The minor in Computational Science gives students in the natural sciences a significant computing extension to their academic major and allows them to explore modern uses of computation and the computer in the sciences. The minor requires a total of six courses:

CS 143M Introduction to Computer Science  
MA 234N Differential Equations

and any two mathematics courses and any two computer science courses from the following list:

MA 238 Optimization Techniques  
MA 333 Probability and Statistics I  
MA 341 Numerical Analysis  
MA 351 Fourier Analysis  
MA 421 Partial Differential Equations

CS 221N Data Structures  
CS 310 Computer Architecture  
CS 320 Programming Language  
CS 330 Analysis of Algorithms  
CS 390 Computer Networks  
CS 450 Computer Graphics  
CS 455 Digital Image Processing  
CS 490 Scientific Visualization

Students may not minor in both Computational Science and Computer Science.

**COMPUTER SCIENCE**

Students majoring in computer science acquire a knowledge of basic and advanced algorithm design and programming, as well as the underlying principles, design, and implementation of the major components of computing systems. Achievement of the required competencies is demonstrated by successful completion of a Senior comprehensive examination or thesis and by the successful completion of the five required computer science courses (CS 143M, CS 150M, CS 221N, CS 301, and CS 310) and a minimum of four computer science elective courses numbered CS 320 or greater. Students must maintain a C average in computer science courses to successfully complete the major.

The course requirements for the computer science major are composed of two parts: the program core and the program specialization. The core is a structured sequence of five computer science courses (Introduction to Computer Science, Data Structures, Discrete Structures, Theory of Computing, and Computer Architecture) and three mathematics courses (Calculus I, Calculus II or Linear Algebra, Statistics).

The specialization, composed of a minimum of four computer science electives numbered 320 or greater pursued during the Junior and Senior years, is less structured, allowing the student to emphasize his or her special interests. The Computer Science Seminar is required in the Junior and Senior years. A total of 12 courses (not including the seminar, internships or independent study courses) is required for the Bachelor of Arts.

Four additional courses from advanced computer science (320 level or above), mathematics or physics, are required for the Bachelor of Science.

For computer science students interested in a mathematics minor or a double major (computer science and mathematics), MA 339N Combinatorial Mathematics may be substituted for CS 150M Discrete Structures, and MA 333 Probability and Statistics I for MA 133M Statistics.

A minor in computer science requires completion of CS 143M, 221N, and three computer science courses numbered 300 or above. These courses must not duplicate courses used by students to satisfy major or concentration requirements.

**CS 110M Survey of Computing**

Introduction to history of computing, operating systems, problem solving and writing computer programs, basic computer architecture, networks and the Internet, theoretical concepts such as binary numbers, applications such as FTP, SSH, spreadsheets, and basic web site construction.

### **CS 143M Introduction to Computer Science**

History of computing; overview of the elements of a computer system; problem solving and algorithm development; Java programming for numeric and non-numeric problems. Prerequisites: mathematics placement at the calculus ready level and CS 110 or equivalent. For students in all majors who want to acquire programming and computer skills.

### **CS 150M Discrete Structures**

Concepts from discrete structures such as set theory, logic, basics of counting, graphs and trees, elementary number theory, and combinatorics. Implementation of these theoretical concepts in software.

### **CS 170A Videographics**

The growth and merging of computing, electronic communication and video technologies are providing exciting new ways of communication, presentation, and persuasion. Major topics include physics of sound, light, and image collection; video technology; video editing systems and video technologies. Prerequisite: permission of instructor.

### **CS 221N Data Structures**

Continuation of program design and algorithm analysis. Identification and evaluation of classes of problems solvable through well-defined data structures, object oriented programming, and algorithms including stacks, recursion, lists, linked lists, trees, searching and sorting. Prerequisite: CS 143M.

### **CS 301 Theory of Computing**

Abstract basis of computing machines and languages; introduction to formal languages, finite automata, grammars, turing machines, and complexity theory. Prerequisites: CS 221N and MA 143.

### **CS 310 Computer Architecture**

Architectural and hardware elements of computing machines; central processing unit, registers, data paths, arithmetic logic unit, microprogramming; memory; virtual memory, content addressable memory, cache; input/output including disks, serial communications and networks. Includes a programming laboratory. Prerequisite: CS 221N.

### **CS 320 Programming Languages**

Nature and implementation of programming languages including qualities and characteristics of languages, methods of implementation, execution models and environments; survey of programming languages. Prerequisite: CS 221N.

### **CS 321 Software Engineering**

Properties of software systems; software system design and development principles; specifications; models; software tools, monitoring methods; group programming project for a large software system. Prerequisite: CS 221N.

### **CS 330 Analysis of Algorithms**

Theoretical and mathematical basis of algorithm design and analysis. Prerequisites: CS 221N and MA 143.

### **CS 334 Bioinformatics**

Bioinformatics is the application of computational and analytical methods to biological problems. This course provides a survey of fundamental topics in bioinformatics such as algorithms for sequence analysis, phylogenetic methods, pattern recognition and microarray analysis. Prerequisites: Ability to express logical procedures (by algorithmic pseudocode or in a computer programming language) and a basic level of mathematical maturity.

### **CS 341 Numerical Analysis**

Methods for solving an equation or systems of equations. Interpolating polynomials, numerical integration and differentiation, numerical solutions of ordinary and partial differential equations, boundary value problems. Prerequisite: MA 233M.

### **CS 350 Graphical User Interface Design**

Analysis and design of user interface features including screen configuration and software communication mechanisms such as menus, dialog boxes, toolbars and error messaging. Exploration of visual and cultural design issues. Prerequisite: CS 221N.

### **CS 360 Database System**

Conceptual modeling of data systems; organization of database systems; storage and retrieval of data in the database, relational databases, SQL, and database design and administration. Prerequisite: CS 221N.

### **CS1 410 Computer Science Seminar - 1st semester**

For Junior and Senior computer science majors. One course credit on satisfactory completion of two years of participation. Continuation in seminar contingent on satisfactory progress in upper division courses.

### **CS2 410 Computer Science Seminar - 2nd semester**

Continuation of Computer Science Seminar. Four semesters required for one course credit.

### **CS3 410 Computer Science Seminar - 3rd semester**

Continuation of Computer Science Seminar. Four semesters required for one course credit.

**CS4 410 Computer Science Seminar - 4th semester**

Continuation of Computer Science Seminar. Four semesters required for one course credit.

**CS 411 Operating Systems**

Organization, operation, and implementation including processor management, memory management, virtual systems, interprocess communication, scheduling algorithms, protection and security, deadlocks; case studies of operating systems. Prerequisite: CS 221N.

**CS 415 Computer Networks**

Abstract view of computer and communications networks. Topology, protocols, and operation of computer networks; ISO's OSI, TCP/IP, LAN, WAN. Performance issues related to networks. Prerequisite: CS 221N.

**CS 420 Translators and Compilers**

Theory and implementation of high-level language virtual machines including assemblers, macro expansion, compilers and interpreters; syntactic and semantic models. Prerequisite: CS 301.

**CS 450 Computer Graphics**

Theory and programming involved in rendering graphic images. Topics include viewing transformations and projections, surface illumination models, texture mapping and animation. Prerequisites: CS 221N and MA 131M.

**CS 455 Digital Image Processing**

Introduces various techniques for the enhancement and analysis of digital imagery. Topics include the interpretation of image statistics, image enhancement based on histogram transformations, spatial filtering, and image transforms. Prerequisite: CS 221N.

**CS 460 Artificial Intelligence**

Problem solving and heuristic search, knowledge representation, expert systems, fuzzy logic, logic and theorem proving, planning. Machine learning, neural networks, evolutionary computation, hybrid systems. Introduction to the AI languages, LISP and PROLOG. Prerequisite: CS 221N.

**CS 499 Senior Thesis**

Research and write a thesis under the direction of a member of the Computer Science faculty. Satisfies the comprehensive examination requirement for graduation. Prerequisites: excellence in computer science courses through the Junior year and invitation by the faculty.

**CREATIVE ARTS****CR 141A Introduction to the Arts**

History of music, literature, the visual arts, architecture, dance, and film correlated with the history of Western civilization for a deeper understanding and appreciation of the arts of the Western world.

**CR 203A Aesthetics East and West**

Compare several art forms of the East and West, looking at what distinguishes art and what social and economic uses it serves in different cultures. Visits to museums and performances.

**CR1 305 Resident Advisor Internship**

A year-long course for Resident Advisors beginning in autumn term. Communication, paraprofessional counseling, crisis intervention, conflict resolution, leadership training.

**CR2 305 Resident Advisor Internship**

Continuation of the Resident Advisor Internship. Two semesters required for one course credit.

**CREATIVE WRITING**

The Writing Workshop develops serious writers—students who think of themselves primarily as writers and students for whom writing will be an important avocation. Workshop students learn the craft of writing and how literary techniques and devices result in the complex communication of ideas and emotions. We emphasize the writer's relationship to the literary past as a way to generate significant aesthetic statements and urge students to develop their individual voices. Students also learn to articulate and defend reasoned critical opinions. Course work must include six courses in literature and four workshops—fiction, poetry, and one of the following: playwriting, screenwriting, journalism, creative nonfiction (the personal essay, the lyric essay, etc.) and publishing and the writing career and one elective. Seniors are required to complete a thesis. The thesis committee will include two full-time creative writing faculty and a third member from any other discipline.

In the first year, students take CW 100A Introduction to Creative Writing or any workshop at the 200 level and also 100 or 200 level literature courses. CW100A prepares students for upper level workshops by providing them with a foundation in literary craft; however, it does not count as a workshop required for the major. In subsequent years, students take intermediate and advanced courses in poetry and fiction, courses in playwriting, screenwriting, and journalism, etc., and develop a cluster of literature courses defined by a particular interest (e.g., modern and contemporary British and

## Creative Writing

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American poetry and fiction) and/or supported by courses from other disciplines (e.g., American studies or history of modern Britain).

Writing Workshop students are required to take fiction and poetry workshops at Eckerd College.

To minor in creative writing, students must take three Writing Workshop courses in at least two genres and two literature courses. These five courses must be at the 200 level or above and at least one workshop and one literature course must be at the 300 level or above. The workshops must be Eckerd College courses.

Students wishing to double major in creative writing and literature must take ten literature courses and fulfill all other requirements for both majors. Literature courses taken for a major in literature may be counted for a minor in creative writing.

### **CW 100A Introduction to Creative Writing**

Work in three genres: poetry, fiction and drama. Learn basic elements and techniques by reading established writers and writing in a workshop setting.

### **CW 200A Writing Workshop: Poetry**

An introduction to prosody and the craft of poetry in traditional forms. Extensive work in meter and scansion. Write in various forms, e.g., the sonnet, villanelle, ballad, sestina, rondeau, blank verse and others.

### **CW 201A Writing Workshop: The Short Story**

An introduction to writing the realistic short story. Acquaints the student with basic principles of craft. Emphasis on rewriting, the development of works through several phases of composition. Prerequisite: CW 100A.

### **CW 204A Creative Nonfiction**

This workshop course examines the popular genre of creative nonfiction: memoir, literary journalism, travel writing, and film and book reviewing. Students will analyze texts of notable nonfiction writers and develop their own portfolios of nonfiction.

### **CW 220A Journalism**

Study and practice the print news story. Explore other forms of news writing and electronic media. Identify and discuss the social, legal, and ethical issues facing the press.

### **CW1 300A Internship with *The Current* - 1st Semester**

A practicum with the student newspaper, *The Current*, including experience with computer software applications for layout and design. Students work on all issues over two semesters and receive one course credit.

### **CW2 300A Internship with *The Current* - 2nd Semester**

A practicum with the student newspaper, *The Current*, including experience with computer software applications for layout and design. Students work on all issues over two semesters and receive one course credit.

### **CW 301 Writing Workshop: The Memoir as Story**

Writing memoir and the personal essay, drawing on the best techniques of both storytelling and poetry to find and convey the truth of a particular moment. Prerequisite: CW 100A or a 200 level workshop.

### **CW 303 Writing Workshop: Intermediate Fiction**

Continued emphasis on the craft of revision, development of an individual voice, critical and analytical writing and speaking. Prerequisite: CW 201A.

### **CW 306 Writing Workshop: Intermediate Poetry**

Read major figures in contemporary poetry and work toward an understanding of one's self as a writer and of the world and words to create mature works that communicate with an audience. Prerequisite: CW 200A.

### **CW 307 Writing Workshop: Lyric Essay- Hybrid of Poetry and Prose**

The Lyric Essay straddles poetry and prose: it's a lyric, and it's an essay. A fascinating hybrid of creative nonfiction, it unfolds through images, wedding facts and truth with poetic distillation. Prerequisite: CW 100A.

### **CW 320 Advanced Journalism**

Every journalist begins as a beat reporter. Students will develop the necessary skills toward covering beats in crime, politics, arts, lifestyle, sports, and culture, and will acquaint themselves with the ideas of notable journalists. Prerequisite is CW 220A, or permission from the instructor for those with experience in college level journalism.

### **CW 334A Writing Workshop: One-Act Play**

Writing one-act plays, reading short plays, including traditional and experimental forms. Emphasis on rewriting, the development of works through several phases of composition.

### **CW 335 Writing Workshop: Advanced Poetry**

Read and discuss books of poetry by contemporary poets, working toward an understanding of the conventions of contemporary poetry. Focus on the writing process. Suggestions for submitting poetry to journals. Prerequisite: CW 306.

**CW 348A Writing Workshop:**

**Feature Writing**

Writing newspaper and magazine articles for publication. Read and analyze feature articles. Analyze and profile one daily newspaper and one national magazine. Write query letters for newspaper and magazine markets.

**CW 350A Writing Workshop:**

**The Personal Essay**

A workshop in writing the literary essay. Discuss non-fiction prose by writers such as Harry Crews, Eudora Welty, and Joan Didion. Study rhetoric and structure and bring imagination to bear on format, techniques, and style.

**CW 361A Writing Workshop: Travel Writing**

Read travel writing in daily newspapers and travel magazines. Travel to local places of interest and exotic locales. Explore the travel industry, and learn marketing, research, and observation.

**CW 401 Publishing and the Writing Career**

Analyze the editorial preferences of journals and write poems, stories, essays, reviews, and interviews. Find information about publishing and learn how to use it. Revise and submit work to journals.

**CW 404 Web Journalism**

Directed Study course. Learn skills for writing for the Web. Students will hone newsgathering, interviewing, and writing skills for Web exclusives to the online version of the student newspaper. Prerequisite: CW 220A.

**CW 433 Writing Workshop:**

**Advanced Fiction**

Read and discuss published fiction and commentary on writing. Discuss original student works. Students may submit short stories or novellas. Prerequisite: CW 201A.

**CW 436 Writing Workshop: Screenwriting**

Write one full-length feature film script (120 pages). View and discuss classic movies. Read screenwriting texts. Small group work outside of class. Prerequisite: CW 201A or CW 303.

**DIRECTED STUDY COURSES**

Certain courses have been approved for credit by directed study. In directed study, the student works independently using an approved faculty-designed syllabus. Copies of directed study syllabi are available in the Registrar's office. The following courses are available in a directed study format:

AM 307H Rebels with a Cause  
 AM 308H Becoming Visible: Sex, Gender, American Culture  
 AM 401 Integrating American Studies  
 CW 404 Web Journalism  
 HD 326 Counseling for Wellness  
 HI 321H Women in America  
 HI 334H African-American History I  
 HI 347H Recent American Hist: Historian's View  
 LI 221H American Literature I  
 LI 251H Shakespeare  
 LI 350H Modern American Novel  
 MN 300S Organizational Consultation  
 MN 312S Women and Leadership  
 MN 345 Complex Organizations  
 MN 351E Technology, Society, and the Environment  
 MN 387S Interpersonal Managerial Competencies  
 MN 389S Servant Leadership through Service Learning  
 MN 406S Non-profit Management  
 MN 411 Social Entrepreneurship  
 PO 350S Florida Politics  
 SP 401H Modern Spanish Novel  
 WG 410 Research Seminar: Women and Gender Studies

## EAST ASIAN STUDIES

East Asian Studies offers an integrated, interdisciplinary introduction to the history, humanities, and contemporary societies of East Asia. It guides students to discover this important part of the world and to develop the skills to approach it intelligently and confidently. Eckerd College offers Chinese and Japanese language on campus up to the advanced level, a broad variety of discipline-based courses, and study abroad programs in Japan, China, Hong Kong, and Korea on short-term, semester, and year-long formats.

The major in East Asian Studies is appropriate for students who anticipate careers in business, government, or diplomacy with an international focus; graduate work in international and immigration law, international business administration, or cross-cultural and social studies education; or advanced scholarship in area studies or comparative fields in the arts, humanities, and social sciences. The major requires five semesters of Chinese or Japanese language (or equivalent proficiency); a core course, EA 201G (East Asian Traditions); six courses on East Asia, at least two each from groups A and B below, with at least two at the 300-level or above; study abroad in East Asia (a language immersion program of at least a semester's duration is strongly recommended); and a senior comprehensive seminar and examination (EA 498) in the fall of the senior year. The minor requires two semesters of Chinese or Japanese language; EA 201G; and three other courses on East Asia, at least one each from group A and group B.

### A: East Asian Humanities

AH 221A Arts of Japan: Jomon to Anime  
AH 203A Arts of the Silk Road  
CN 208G Gender and Sexuality in Asian Literature  
CN 228G Chinese Martial Arts in Literature and Film  
CN 268A Love and Justice in Chinese Theater  
CN 301H Hero and Anti-Hero in Chinese Literature  
CN 302H East Meets West: Chinese Cinema  
PL 103G Introduction to Eastern Philosophy  
RE 234H Regional Goddesses in Asia  
RE 240G Non-Western Religion  
RE 320G Buddhist Traditions

### B: Contemporary East Asian Societies

CN 288G Chinese Pop Culture  
HD 350G Contemporary Japanese Families  
EA 310G Modern China  
EA 311G Modern Japan  
EA 312G History of Southeast Asia  
JA 307G Modern Japanese Literature: Self and Society

PO 231G East Asian Comparative Politics  
PO 333 Japan: Government, Politics, and Foreign Policy  
PO 335S Government and Politics of China  
PO 336S East Asian International Relations

New courses which fulfill these requirements may be developed periodically. In addition, requirements can also be fulfilled by courses taken while studying abroad, advanced language courses, and some Winter Term offerings.

### EA 201G East Asian Traditions

A survey of the history and culture of East Asian societies up to about 1700 CE; the evolution of political and social structures; readings in major works and traditions of philosophy, poetry, and fiction.

### EA 300H Classical Chinese

Introduction to the basic grammar, syntax, and vocabulary of Classical Chinese; readings of excerpts from original texts in early history and philosophy such as the Confucian Analects and Daoist fables. Prerequisite: CN 202.

### EA 305 Lives of Chinese Sages

Studies the ideals of sagehood and supernatural power in Chinese tradition, primarily from classical, Daoist, and Chan (Zen) Buddhist perspectives. Emphasis on biographies of Chinese sages, their writings, philosophy, and poetry. Prerequisite: EA 201G or PL 103G.

### EA 310G Modern China

China since 1800, including the response to Western and Japanese imperialism, the Communist Revolution and Mao's China, and reforms in the post-Mao era. Focus on political and social history and the lived experience of individual Chinese.

### EA 311G Modern Japan

Japan since 1800, including crisis of Tokugawa Japan, Meiji restoration and reform, success of Imperial Japan, Pearl Harbor and World War II, the A-Bomb and American Occupation, and post-war economic growth and social and political challenges.

### EA 312G History of Southeast Asia

A survey of the pre-history of Southeast Asian peoples, the formation of early kingdoms, the social and economic context of commercial life, the impact of European colonialism, the development of nationalist consciousness, and contemporary challenges.

## ECONOMICS

The competencies achieved in the economics major are the ability to:

- understand and explain general economic phenomena;
- analyze and evaluate economic policy proposals;
- analyze, synthesize and integrate economic ideas;
- communicate effectively, in both oral and written form;
- do quantitative research, using a statistical computer package;
- engage in library research; and
- conceive, plan and execute an independent quantitative research project.

In addition to the requirement of statistics, students majoring in economics are required to take a minimum of eight economics courses and Calculus I. All students will take Principles of Microeconomics, Principles of Macroeconomics, Intermediate Microeconomic Theory, and Intermediate Macroeconomics. In addition, students choose four economics electives from a list of approved courses at the 300 level or above. Students must maintain a C average in upper level courses to successfully complete the major.

Students can start their economics major in their Freshman year. This is the appropriate time to take calculus. In addition, students can start the economics major proper with Principles of Microeconomics or Principles of Macroeconomics. The next appropriate courses are Statistical Methods, Intermediate Microeconomic Theory, and Intermediate Macroeconomics. Beyond this students can branch out to choose electives. Economics electives are available with a prerequisite of either of the appropriate Principles courses and/or Statistical Methods.

Requirements for a minor in economics include EC 281S Principles of Microeconomics, EC 282S Principles of Macroeconomics, and three upper level economics electives. One of the electives should be from a group of core micro or macro courses including EC 381 Intermediate Microeconomic Theory, EC 382 Intermediate Macroeconomics, EC 386 Money, Banking, and Financial Institutions, and EC 384 Managerial Economics.

### EC 201S Introductory Economics of the Environment

Introduction to economic perspective of US and global environmental policy issues. Topics include air and water pollution, climate change, biodiversity, trade and environment, toxic waste. (Does not count towards Major or Minor in Economics.)

### EC 281S Principles of Microeconomics

Price theory, operation of market system. Industrial structure and pricing under different competitive structures. Required of all students majoring in economics.

### EC 282S Principles of Macroeconomics

Main sectors of the economy (consumers, business and government) focusing on policy. Monetary and fiscal policy, inflation, recession, balance of payments. Required for all students majoring in economics.

### EC 301S Leadership: The Human Side of Economics

Experiential exercises, readings, and class discussion designed to investigate and challenge behavioral assumptions of contemporary economics paradigm. Leadership theories will be explored to facilitate a broader understanding of human organizational behavior and optimal decision making.

### EC 371 Economics of Labor Markets

The role of labor in the economic system. Division of labor, job segregation, wage theory, relationship among work, family, household production. Prerequisite: EC 281S.

### EC 373 Natural Resource Economics

Role of economic theory in analyzing and evaluating natural resource policy issues and sustainable development. Developing models of optimal use of resources: energy, fisheries, water, forests, agriculture, biodiversity. Prerequisite: EC 281S or EC 201S.

### EC 374 Environmental Economics

Application of microeconomic principles to contemporary environmental policy issues such as air and water pollution, global climate change, and toxic waste. Exploration of cost benefit analysis and methods to value environmental amenities. Prerequisite: EC 281S or EC 201S.

### EC 380 Public Choice

Theory of public decision making. Living in community, origins and appropriate roles of the state, justice in the behavior of the state. Models of voting behavior through simulation. Prerequisite: EC 281S.

## Economics

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### **EC 381 Intermediate Microeconomic Theory**

Continuation of EC 281S. Theoretical basis for consumer demand, firm production and costs, pricing and output decisions of firms within market structures. Algebraic and graphical models. Explore empirical techniques for estimating demand. Prerequisite: EC 281S.

### **EC 382 Intermediate Macroeconomics**

Continuation of EC 282S. Determinants of aggregate demand and supply, using dynamic and static models of analysis. How to use an understanding of economic analysis to achieve policy objectives and understand trade-offs. Prerequisites: EC 282S and MN 260M.

### **EC 384 Managerial Economics**

Applied economic theory, mathematics and statistics in business decision making. Optimization techniques under conditions of uncertainty. Selecting the "best" solutions to business problems. Prerequisites: EC 281S and MN 260M.

### **EC 386 Money, Banking, and Financial Institutions**

History and development of monetary system and financial structure. Money creation and influence on macroeconomic activity. Monetary policy implications of regulatory agencies with specific emphasis on the Federal Reserve. Prerequisite: EC 282S.

### **EC 387 Urban Economics**

Urban growth and decay, location decisions, land use. Transportation, crime, housing, discrimination and segregation, and the urban financial crisis. Prerequisite: EC 281S.

### **EC 388 Economic Development**

Factors shaping development, underdevelopment of Africa, Asia, Latin America. Also social, political aspects of economic development. Land reform, nature management, appropriate technologies, industrialization, rural-urban migration, foreign investment, aid, trade. Prerequisites: one of EC 281S, EC 282S, or EC 201S.

### **EC 410 History of Economic Thought**

Economic ideas as developed and expounded by Western economists. The teachings of the mercantilists, physiocrats, Adam Smith, Malthus, Ricardo, Mill, Marx, Marshall, German and American schools of thought.

### **EC 460 Econometrics**

Introduction to applied econometrics including analysis of dummy variables, violations of classical assumptions. Prerequisite: MN 260M.

### **EC 480 International Economics: Foreign Exchange**

Theory, currency markets, balance of payments, government macrostabilization policies and exchange rate systems. Bretton Woods, European Monetary System, G5 negotiations, LDC debt, Mexican/Asian crises, international monetary reform. Prerequisite: EC 282S.

### **EC 481 International Economics: Trade**

Theory, government policies, free trade, protectionism, U.S. commercial policy, GATT and WTO talks, US-Japan-EEC trade issues, developing countries, solutions for international trade problems. Prerequisite: EC 281S or EC 282S.

## **ENGINEERING AND APPLIED SCIENCE DUAL DEGREE**

The engineering and applied science program is designed for students who wish to combine a broad, values-oriented knowledge base with one of many fields of engineering or applied science. Students may pursue a career in applied science or one of many engineering disciplines including electrical, civil, chemical, industrial, aerospace, textile, nuclear, biomedical, or systems engineering. Students complete all requirements for majors at both institutions.

The courses taken at Eckerd College during the first three years are typically:

### **I. Pre-engineering core:**

Math: Calculus I, II, and III, Differential Equations

Physics: Fundamental Physics I and II  
and Modern Physics

Chemistry: General Chemistry I and II

Computing: Introduction to Computer Science

### **II. Eckerd All-College Requirements:**

Western Heritage in Global Context I and II

Foreign Language (two semesters)

Academic Areas (1 course from the arts, the

humanities, and the social sciences respectively)

Perspectives: (2 courses; Global and Environmental)  
A Writing Portfolio

**III. Courses toward completing the Eckerd College Requirements**  
Here is a possible sequence of courses:

**Freshman Year**

Calculus I & II  
Physics I & II  
Western Heritage I & II  
Foreign Language I & II

**Sophomore Year**

Calculus III  
Differential Equations  
Modern Physics  
Introduction to Computer Science  
Global Perspective  
Environmental Perspective  
Humanities Area course  
Major Course Requirement

**Junior Year**

Arts Area course  
Social Science Area course  
Four Major Course Requirements

It is important that the student be qualified to begin the freshman year with Calculus I and either Chemistry I or Physics I in order to complete the Eckerd College portion of the program in three years.

Upon successful completion of the three-year portion of the program (requirements of grade point average vary somewhat) and recommendation of Eckerd College, a student is admitted to an engineering college, where the dual-degree requirements may normally be completed in two years. The student is then awarded degrees from both Eckerd College and the engineering school.

The program is designed for an academically qualified student who is willing to work hard. While difficult, completing the program in five years is by no means impossible. Many students have done so and are practicing engineers today. The keys to success are being well-qualified on entering, making timely decisions on Eckerd College major and cooperating university, and obtaining early advice from the Program Coordinator.

Due to the sequential prerequisite requirements, it is vital for dual degree candidates to obtain advisement early in their careers at Eckerd College. Students who wish to pursue a dual-degree program should consult with one of the advisors as early as possible.

**ENVIRONMENTAL PERSPECTIVE COURSES**

Environmental perspective courses provide opportunities for students to address issues in the environmental realm in such a manner as to enhance their knowledge of the natural world and to make informed value judgments concerning the environmental consequences of personal and social actions. The Environmental perspective requirement must be met with an Eckerd College course.

AM 319E Environmental Film Colloquium  
AN 220E Cultural Geography  
AN 335E Cultural Ecology  
BII 280E Tropical Ecology in Costa Rica  
CO 200E Writing the Environment  
ES 314E The Environment in American Thought  
ES 351E Influential Environmental Writers  
HD 208E Your Health and the Environment  
HI 325E Western Myth and the Environment  
HI 353E Environmental History  
HI 354E Environment History - Europe  
INI 204E London's Green Initiatives  
MN 351E Technology, Society and the Environment  
MS 230E U.S. Regional Natural History  
MU 326E American Musical Landscape  
NA 182E The Earth's Biodiversity  
NA 201E Ecosystems of Florida  
NA 260E Ecology and the Environment  
PH 214E Energy and the Environment  
PL 243E Environmental Ethics  
PL 300E Nature and the Contemplative Tradition  
PL 310E Ideas of Nature  
PO 202E Public Policymaking in America  
RE 350E Ecology, Chaos, and Sacred  
RE 351E A Culture of Science and Faith  
RE 381E Ecotheology

**ENVIRONMENTAL STUDIES**

The environmental studies major will provide students with an educational specialty grounded in the subjects and issues related to the natural environment and the relationship of the human being to the natural environment. The major offers the breadth and depth of interdisciplinary inquiry, integrating knowledge across the natural sciences, behavioral sciences, and humanities. The major develops analytical tools and skills for understanding the environment, while emphasizing the role of beliefs, values, ethics and aesthetics in shaping human behavior.

Students will be exposed to coursework which develops skills in the following areas: laboratory research and environmental science; policy analysis, social, historical and global awareness; philosophical and ethical inquiry; writing and composition; oral

## Environmental Studies

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presentation; educational techniques and strategies; legal research; and group enterprise. This will prepare students for careers in such diverse fields as environmental and urban planning, natural resource management, scientific journalism, environmental law and policy making, parks and recreation, landscape and architecture, public health, education, the arts, and many more. The Environmental Studies major or minor satisfies the Environmental perspective requirement.

The major includes five required courses, four environmental field courses, two tools courses, and the completion of a minor related to environmental studies chosen from a pre-approved list. Students graduate with a Bachelor of Arts degree.

### Required courses (Must take all 5)

ES 172 Introduction to Environmental Studies  
ES 211N Introduction to Earth Science  
ES 270N Introduction to Environmental Biology  
ES 498 Environmental Comprehensive Exam/Internship

One upper-level synthesis course that requires at least one of the introductory courses.

Currently offered options:

BI 371N Conservation Biology  
BI 373 Restoration Ecology  
ES 317N Global Environmental Change  
ES 461 Coastal Ecosystem-based Management  
ES 372N Estuaries  
ES 480 Advanced Policy of Protected Areas  
ES 481 Advanced Ecotourism Policy & Practice  
ES 482 Sacred Sites: Conservation and Management  
ES 493 Sustainable Cities  
MS 311 Marine Mammalogy

### Environmental Field Courses

(Must take a class from 4 of the 7 fields):

#### Ethics

ES 345H Environmental Ethics and Justice  
PL 243E Environmental Ethics

#### Religion

RE 381E Ecotheology  
RE 382H Asian Religions and Ecology

#### Literature and Criticism

AM 319E Environmental Film Colloquium  
ES 314E Environment in American Thought  
ES 351E Influential Environmental Writers

#### History

HI 353E Environmental History  
HI 354E European Environmental History

#### Policy/Law

ES 216 Introduction to Coastal Management  
PO 325S Environmental Politics and Policy  
PO 343S International Environmental Law  
ES 315S Wildlife Policy

### Economics

EC 373 Natural Resource Economics  
EC 374 Environmental Economics  
EC 388 Economic Development

### Human Ecology

ES 280 Environmental Education  
AN 335E Cultural Ecology

### Tools Courses

(Must take a class from 2 of the 4 categories):

#### Writing course

CO 200E Writing the Environment  
CO 326 Environmental Rhetoric

#### Methods course

EC 201S Introductory Economics of the Environment  
EC 281S Principles of Microeconomics

#### Statistics

PO 260M Political Science Research Methods  
BE 260M Statistical Methods for the Sciences  
MN 260M Statistical Methods for Management and Economics  
PS 200 and 201M Statistics and Research Design I and II  
MA 133M Statistics: An Introduction

#### Computer course

CS 143M Introduction to Computer Science  
ES 341N GIS for Environmental Studies

### Completion of a minor related to Environmental Studies:

Anthropology  
Biology  
Chemistry  
Computer Science  
Economics  
Geology  
History  
Human Development  
Journalism  
Literature  
Philosophy  
Political Science  
Psychology  
Religious Studies  
Sociology  
Visual Arts

The minor in Environmental Studies requires six courses, three required courses (ES 172 Introduction to Environmental Studies, ES 270N Introduction to Environmental Biology, and ES 211N Introduction to Earth Science) and three environmental field courses. The environmental field courses are listed above. Students should choose one class from three of the seven fields.

**ES 172 Introduction to Environmental Studies**

Such topics as conserving biological diversity, sustaining energy, shaping cities, strengthening global environmental governance. Human roles and responsibilities, the scientific, political, economic, and ethical issues involved in the attainment of a sustainable future.

**ES 211N Introduction to Earth Science**

Introduction to major topics in geology, oceanography, meteorology, and astronomy, the natural forces that shape our physical environment, in order to appreciate and preserve the planet.

**ES 216 Introduction to Coastal Management**

An introduction to the fundamentals of coastal management principles and practices by examining marine parks, mariculture, international marine affairs and coastal environmental activism. Prerequisite: Sophomore standing.

**ES 270N Introduction to Environmental Biology**

Study of ways in which humans affect and are affected by the environment, with focus on biology. General ecology, population, genetics, identification, and use of natural resources, pollution, social institutions, ethics.

**ES 280 Environmental Education**

Introduction to environmental education theory, methods, and program examples from a variety of settings. Prerequisites: Sophomore standing and ES 172.

**ES 314E Environment in American Thought**

Examine ways physical environment has been conceptualized as the cultural landscapes in the American past, from the Puritans "errand into the wilderness" to the chaotic world of Jurassic Park, using paintings, film, photographs, and literary works. Prerequisites: Sophomore standing or above.

**ES 315S Wildlife Policy**

Introduces students to historical and current national and international wildlife law and policy, and develops the skills necessary for analyzing policy through case study analysis. Prerequisites: sophomore standing and ES 172.

**ES 317N Global Environmental Change**

Analysis of global environmental change from a scientific perspective, examining how economic and political forces interact. Focus on science of climate change and regional impacts, ending with possible solutions, both personal and societal. Prerequisites: ES 211N or MS 101N or MS 102N.

**ES 321S Marine Protected Species**

Course explores principles and practices of management of marine protected species (whales, dolphins, fish, sea turtles, and corals) under Marine Mammal Protection Act, Endangered Species Act, and the Magnuson-Stevens Fishery Conservation and Management Act. Prerequisite: ES 172 Introduction to Environmental Studies.

**ES 341N GIS for Environmental Studies**

Learn geographic information system (GIS) theory and applications specifically related to the study of the environment through lecture and hands-on work. Prerequisite: ES 172 or MS 101N.

**ES 342 Remote Sensing**

Introduction to remote sensing principles, techniques, and applications. This course uses satellite and airborne imagery to introduce methods for the assessment of plant health, characterization of soil, water resource analysis, and other environmentally motivated tasks. Prerequisite: ES 172 or MS 101N.

**ES 344H Nature and Popular Culture**

Students will examine ways in which nature has been understood and valued throughout the history of American popular culture. Explore how popular cultural views of nature resist or consent to environmental exploitation.

**ES 345H Environmental Ethics & Justice**

Explore the relationship between environmental ethics and international environmental justice movements. Topics will include: ecocentric ethics and deep ecology, ecofeminism, post-colonial environmentalism, and environmental justice. Prerequisite: ES 172 and sophomore standing.

**ES 351E Influential Environmental Writers**

Examine environmental values, ideologies, and relations through discussions of influential environmental writings. Major topics include: Jeffersonian agrarian vision; transcendentalism; early conservationism and preservation; ecology as activism; counter-culture voices in the wilderness/literature of environmental justice.

**ES 372N Estuaries**

Examination of the unique environments of estuaries with a focus on Tampa Bay; including aspects of estuarine biology, chemistry, and geology, impact of human activities, and estuarine management. Prerequisites: ES 172 and ES 270.

## Environmental Studies

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### **ES 460 Coastal Hazards: Science and Management**

This course investigates both the science and management of natural hazards in coastal regions, with specific attention on interactions between human populations and the coastal environment before, during, and after natural hazards events.

### **ES 461 Coastal Ecosystem-based Management**

Ecosystem-based management represents management approaches which emphasize restoring and protecting the health, function, and resilience of entire ecosystems. This course investigates key concepts and applications of ecosystem-based management. Prerequisites: ES211, junior standing.

### **ES 480 Advanced Policy of Protected Areas**

Analysis of parks, nature reserves and wildlife sanctuaries and related approaches to conservation, policies, community involvement, and future trends. Prerequisites: ES 172, Junior standing.

### **ES 481 Advanced Ecotourism Policy and Practices**

Analysis of costs and benefits of nature-based tourism, including relevant laws and policies, biodiversity values, community involvement, cultural impacts, and future trends. Prerequisites: ES 172, Junior standing.

### **ES 482 Sacred Sites: Conservation and Management**

Explore the biological and cultural aspects of global areas, including sacred forests, mountains, and springs, conserved due to local beliefs and traditions, as well as their policy and management. Prerequisites: ES 172 and Junior standing.

### **ES 493 Sustainable Cities**

Sustainable Cities studies cities as human habitat. Using St. Petersburg as a model to study urbanization, this course provides students with the conceptual background to develop research projects related to urban sustainability. Prerequisites: ES 172 and Junior Standing.

### **ES 498 Environmental Comprehensive Exam/Internship**

Review and exam on key environmental studies concepts. Orientation to and development of job preparation skills. Completion of environmental internship.

## FILM STUDIES

The minor in Film Studies gives an opportunity for students to pursue their interest in film beyond the introductory level, to give them a unique understanding and appreciation for this powerful modern medium for the expression of ideas, art, and culture. The minor consists of one core course and five other film-related courses selected in consultation with the discipline coordinator. This allows for a good deal of flexibility, and students can choose to focus on film theory, film history, or – for several disciplines – on film as a medium for reflection on their major field of study.

The minor, which draws upon the wide range of film-related activities and resources available at Eckerd College, provides a strong complement to several major fields of study in the humanities and the arts and offers an excellent opportunity for majors in the natural and social sciences to complement their focus with studies that emphasize creativity, interpretation and humanistic studies. Film studies courses are offered by faculty across a wide range of disciplines, allowing minors to learn how to interpret and analyze film from a number of perspectives.

The minor requirements are as follows:

#### **Core course:**

FI 200 Elements of Film

#### **An approved genre or history course:**

AM 319E Environmental Film Colloquium

AM 310H American Cinema

CN 302H East meets West: Chinese Cinema

FI 224G International Cinema:

The World through Film

FR 250 or FR 450 French Cinema

PL 246H Philosophy and Film

RU 282G Russian Society through Cinema

SP 312H Latin American Culture in Film

Other courses or winter term projects as approved by the discipline coordinator in consultation with the student's mentor.

**Four other courses from the following categories, for a total of six, including at least two from the first category:**

**Film history, genre or topics courses (including any courses from the above list that are not used to satisfy the above requirements)**

CN 228G Chinese Martial Arts in Literature and Film  
FI 204A The Horror Film  
FI 306H Theories of Film  
FR 307H Literature and Film in Postwar France  
IT 306H Italian Film and Literature  
LI 329H Literature, Myth, and Cinema  
LI 348H Literature and Film after Auschwitz  
PL 263H Aesthetics  
PL 246H Philosophy and Film  
SP 308H Film and Literature: Spanish Civil War  
SP 310H Literature, Film and Art: Lorca, Buñuel, Dali  
Film Genres/Topics or other courses as approved by the discipline coordinator in consultation with the student's mentor.

### Film production courses:

AR 348 Experimental Film and Video  
CS 170A Videographics  
CW 436 Screenwriting  
IA 170A Introductory Filmmaking  
IA 301 The Documentary  
Independent study courses in film production or other courses as approved by the discipline coordinator in consultation with the student's mentor.

### FI 200 Elements of Film

View, analyze, and evaluate great cinema. Study film as an artistic form, its history, typology, technology and symbology.

### FI 204A The Horror Film

This course will explore the horror film, including its mythological and literary roots. We will view a wide range of films analyzing specific sub-genres of horror as well as cultural, historical, and psychological angles.

### FI 224G International Cinema: The World through Film

Study the diversity of world cinema (including non-traditional American cinema) and expand your own awareness and concern for peoples with different attitudes and background.

### FI 306H Theories of Film

Critical analysis of key texts and relevant films, both historical and contemporary. Topics include the relevance of genre and nationality, film history, film spectatorship, psychoanalysis, feminist film theory, and cognitive film theory. Prerequisite: CM 302A.

## FINANCE

A minor in finance requires the following:

MN 377 Introduction to Business Finance  
IB 378 Investment Finance  
EC 386 Money and Banking  
IB 486 International Finance and Banking  
and a choice of one of the following courses which must be approved by the Management Discipline Coordinator:

EC 384 Managerial Economics  
IB 475 Investment Analysis  
EC 480 International Economics and Foreign Exchange  
Internship / Independent Study

All courses for the minor must be passed with a grade of C- or better.

## FORD APPRENTICE SCHOLARS PROGRAM

The Ford Apprentice Scholar Program at Eckerd College, initiated by a grant from the Ford Foundation, provides opportunity for 20 selected Juniors each year to participate in a two year enhanced program designed to develop the skills and habits of professional scholars and to encourage them to consider college and university teaching as a career.

The students selected take a course in the Junior year in the history of ideas and do optional research with their Faculty Sponsors during the summer. In the Senior year, they work closely with the Faculty Sponsors in an enhanced major and take a Senior Colloquium. Funds are available for summer and research support. The two Ford courses may be used to fulfill the Humanities academic area requirement and either the Global or Environmental perspective requirement.

### FS 301 History of Ideas I

Major ideas from classical Greece through the Enlightenment that have shaped our intellectual heritage. Emphasis on origins of academic disciplines, sources of creativity, social and cultural factors, key individuals. Variety of learning methods. Prerequisites: Junior standing and selection as a Ford Scholar. The two course sequence (FS 301 and 302) fulfill either an E or G perspective and the humanities academic area requirement.

## Ford Apprentice Scholars Program

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### **FS 302 History of Ideas II**

Continuation of FS 301 covering nineteenth and twentieth centuries and culminating in a major project that draws on student's knowledge of history to address a significant intellectual problem in the future. Prerequisites: FS 301 and selection as a Ford Scholar. The two course sequence (FS 301 and 302) fulfill either an E or G perspective and the humanities academic area requirement.

### **FS1 410 Ford Scholars Senior Colloquium**

Required of Seniors in the Ford Apprentice Scholars Program. Shared reflections on issues pertaining to research, teaching, and other aspects of teaching as a career. Participation in both fall and spring semesters for a total of one course credit.

### **FS2 410 Ford Scholars Senior Colloquium**

Required of Seniors in the Ford Apprentice Scholars Program. Shared reflections on issues pertaining to research, teaching, and other aspects of teaching as a career. Participation in both fall and spring semesters for a total of one course credit.

## **FRENCH**

The major in French consists of nine courses and a comprehensive examination or, with faculty approval, a senior thesis/project. One of the nine courses must be 400-level. All French majors must take FR 380H Introduction to French Culture and FR 370G The Francophone World. French majors are expected to speak the language well enough to be rated at the Intermediate High-level of proficiency as defined by the American Council on the Teaching of Foreign Languages (ACTFL), and are therefore strongly urged to spend at least one semester abroad. The Office of International Education will assist students in identifying appropriate programs. Please note that all study abroad must be approved by language faculty and cleared by the Registrar. Students are also encouraged to participate in Eckerd's language-intensive winter terms offered in France or other francophone regions.

Majors who transfer credit (from the U.S. or abroad) are required to take at least one advanced course (beyond FR 302H) at Eckerd.

Students who major in International Business, International Relations and Global Affairs, or International Studies are strongly encouraged to develop double majors with a modern language. All of the international disciplines have an extensive language requirement for their majors, and students would in most cases already be near the completion of a language major by the time they graduate.

Proficiency in a foreign language and knowledge of its cultural context will increase employability and opportunities for graduate study and will prepare students for our increasingly globalized society.

Many of our majors continue the study of language at the graduate level. Language majors pursue a variety of careers in education, law, government, journalism, and business.

The minor in French consists of five courses which must include FR 301H Composition and Conversation I. Minors who transfer credit (from the U.S. or abroad) are required to take at least one course at the 300 or 400 level at Eckerd.

### **FR 101 Elementary French I**

Introduction to French for students with little or no training in the language. Three classes per week; intensive practice in speaking, listening, reading, writing, with additional focus on cultural understanding.

### **FR 102 Elementary French II**

2nd semester of FR 101; completes General Education language requirement. Prerequisite: FR 101.

### **FR 201 Intermediate French I**

Sequel to FR 101-102, or for students with more than three years of study in high school. Grammar review and practice in all four skill areas develop broad language skills. Strong focus on cultural communication. Prerequisite: FR 102 or three or more years of high school French.

### **FR 202 Intermediate French II**

2nd semester of Intermediate French. Prerequisite: FR 201.

### **FR 250 French Cinema (in English)**

Explore one of the world's most dynamic and influential film cultures. Study the evolution of French cinema from the late 19th century through contemporary practice, while being attentive to both technical innovation and cultural dynamics. Taught in English.

### **FR 301H Composition and Conversation I**

The first course in the third-year sequence will focus on developing oral and written expression in French. Readings will be in a wide variety of genres in order to broaden students' competence in cultural communication. Prerequisite: FR 202.

### **FR 302H Composition and Conversation II**

Second semester of Composition and Conversation. Primary focus on written expression in French. Prerequisite: FR 301H.

**FR 307H Literature and Film in Postwar France**

Literature, cinema, and cultural issues in France from World War II to present. Existentialism, formalism, New Novel, New Wave and the return of history in the '70s and '80s. Prerequisite: FR 302H or equivalent.

**FR 370G The Francophone World**

Cultural history, literature and cinema of French-speaking regions. Focus on colonial war, Islam, the Negritude movement, the globalization of French. Prerequisite: FR 302H or equivalent.

**FR 380H Introduction to French Culture and History**

Historical overview of French history and culture from medieval period through twentieth century. Literature, painting, science in historical context. Prerequisite: FR 302H or equivalent.

**FR 400 Topics in French Culture**

Various aspects of French culture and history through literature, film and art. Prerequisite: FR 302H or equivalent.

**FR 404 Themes In French Literature**

Study and analysis of particular questions, schools or motifs in the history of French literature. Prerequisite: FR 302H or equivalent.

**FR 406 French Theatre on Stage**

Reading, recitation and performance of passages and plays in order to improve oral communication and cultural skills. Prerequisite: FR 302H or equivalent.

**FR 410 Senior Seminar/French Studies**

Readings and discussion of selected topics. Prerequisite: One course above FR 302H.

**FR 450 French Cinema (in French)**

Evolution of French cinema, technical innovation and cultural dynamics. Focus on movements, individual directors, writers and performers. Prerequisite: FR 302H or equivalent.

**GEOLOGY**

The geology minor introduces students to Earth systems, history, structures, materials, and processes. The geology minor is particularly appropriate for environmental studies students who wish to better understand our physical environment. The geology minor consists of five courses.

**Three Required Core Courses:**

MS 101N Geological Oceanography

MS 234 Earth Systems History

MS 257 Earth Materials

**Two Upper-Level Electives from the following list:**

MS 303 Solid Earth Geophysics

MS 304 Marine Invertebrate Paleontology

MS 305 Marine Stratigraphy & Sedimentation

MS 306 Earth Structure

MS 309 Principles of Hydrology

MS 347 Marine Geochemistry

MS 401 Coastal Geology

Students who minor in geology may not major in geosciences or marine science (geology or geophysics tracks).

**GEOSCIENCES**

The geosciences major prepares students to become professional scientists capable of conducting research in terrestrial and marine geologic environments. Students majoring in geosciences gain knowledge regarding fundamental concepts of Earth systems history, structures, materials, and processes, as well as research methods employed by geoscientists. In addition, geoscience students also develop scientific communication skills. All graduates are expected to be able to speak professionally and utilize bibliographic resources effectively to write scientific reports.

The geosciences major is particularly appropriate for environmental studies students who wish to gain a detailed understanding of our physical environment.

**B.S. in Geosciences**

Nine geoscience courses plus six supporting courses and a capstone experience for a total of 16 courses are required for the major.

**B.A. in Geosciences**

Nine geoscience courses plus three supporting courses and a capstone experience for a total of 13 courses are required for the major.

The B.A. and B.S. degrees both require a foundation of nine geoscience courses as follows:

# Geosciences

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## Required Core Courses

MS 101N Geological Oceanography or  
ES 211N Intro to Earth Science  
MS 243 Earth Systems History  
MS 247 Earth Materials  
MS 305 Marine Stratigraphy & Sediment  
MS 306 Earth Structure

## Four of the following Upper-Level Electives

MS 303 Solid Earth Geophysics  
MS 304 Marine Invertebrate Paleontology  
MS 309 Principles of Hydrology  
MS 342 Chemical and Physical Oceanography  
MS 347 Marine Geochemistry  
MS 401 Coastal Geology  
ES 341 GIS for Environmental Studies  
ES 342 Remote Sensing  
Field Camp (highly recommended;  
see description below)

## B.S. in Geosciences

Nine core courses and electives as outlined  
above plus

## Supporting Courses

CH 121N Chemistry I  
CH 122 Chemistry II  
MA 131M Calculus I  
MA 132M Calculus II or Statistics  
PH 241N Physics I  
PH 242 Physics II

## One of the following Capstone Experiences

Thesis in Geosciences  
Senior Research Project in Geosciences

## B.A. in Geosciences

Nine core courses and electives as outlined  
above plus

## Supporting Courses

CH 121N Chemistry I  
MA 131M Calculus I  
PH 241N Physics I

## One of the following Capstone Experiences

Thesis in Geosciences  
Senior Research Project in Geosciences  
Internship or Service Learning Experience  
in Geosciences  
Comprehensive Exam in Geosciences

## Capstone Experiences

Majors must consult with geosciences faculty to  
complete one of the following capstone experiences:

## Options for the B.A. or B.S.

**Thesis:** A formal thesis including original  
research on either marine or terrestrial geologic  
environments. At least one geosciences faculty  
member must be on the thesis committee.

**Senior Research Project:** A well-documented,  
in-depth report. For example, the project may  
consist of an extensive literature review;  
original research conducted by the student in a  
laboratory, in the field, or through computa-  
tional analysis; or an extension of experiences  
gained in field camp. At least one Geosciences  
faculty member must be on the three-member  
project committee. Senior Research Project  
forms are available in the Registrar's office.

## Options for the B.A. only

**Comprehensive Exam:** A thorough exam  
covering all geoscience courses in the major,  
which is typically offered during the Winter  
Term of a student's senior year.

**Internship or Service Learning Experience:**  
Internships are practical experiences to improve  
professional skills and knowledge while service  
learning challenges students to serve their  
community by designing projects that  
incorporate meaningful service with hands-on  
experience. Students should work closely with  
faculty to ensure that the experience is directly  
related to the geosciences. The internship or  
service learning experience must be done for  
course credit.

**Field camp is highly recommended for all  
geosciences majors.** It is an intense program wherein  
students are immersed in learning field techniques  
for studying terrestrial geology. To facilitate a field  
experience in new geologic settings that differ from  
Eckerd's coastal environments, students attend  
summer programs offered by other colleges and  
universities. To count as an elective in the geo-  
sciences major, the field camp must meet the criteria  
for acceptance of transfer credit as indicated in the  
Eckerd College Course Catalog. Students should  
consult with geosciences faculty to choose an  
appropriate field camp.

## Sample Course Sequences for a B.S. in Geosciences

### Freshmen

Geological Oceanography  
Earth Systems History  
Chemistry I & II

### Sophomores

Earth Materials  
Marine Stratigraphy & Sediment  
Calculus I  
Statistics

**Juniors**

Earth Structure  
Marine Invertebrate Paleontology  
Physics I & II

**Seniors**

Coastal Geology  
Marine Geochemistry  
Solid Earth Geophysics  
Senior Capstone Experience

Students pursuing the B.A. in geosciences may follow the same sequence but omit Chemistry II, Statistics, and Physics II.

Students should consult with faculty to personalize schedules as most upper-level electives in geosciences are taught on an every-other-year basis. Other courses are typically offered once each year.

See course descriptions in Marine Science for numbers with a MS prefix and Environmental Studies for numbers with an ES prefix.

Students who major in geosciences may not minor in geology or marine science. In addition, they may not major in the marine science geology or geophysics tracks.

## GLOBAL PERSPECTIVE COURSES

Global perspective courses provide an encounter with cultures and/or histories whose bases (philosophical, religious, ethical, aesthetic) or world views differ significantly from those of the Western European or North American tradition. Such a course will encourage students to view their own cultural traditions and assumptions in the larger context of the world's diversity. Given the inherent educational value of having cultural experiences in other parts of the world, which naturally encourage cultural comparisons with the student's own, a semester of study or winter term abroad, if so designated, may also satisfy the global perspective requirement. The Global perspective requirement must be met with an Eckerd College course.

AM 204G Native American Colloquium  
AN 201G Introduction to Anthropology  
AN 206G Cultural Anthropology  
AN 285G Latin American Area Studies  
AN 286G Cultures of Sub-Saharan Africa  
AN 287G Caribbean Area Studies  
AS 301G Ancient Barbarians: Self & Other  
CN 208G Gender/Sexuality in Asian Literature  
CN 228G Chinese Martial Arts: Literature and Film  
CN 288G Chinese Popular Culture  
EA 201G East Asian Traditions  
EA 310G Modern China  
EA 311G Modern Japan

EA 312G History of Southeast Asia  
FI 224G International Cinema:  
World through Film  
FR 370G The Francophone World  
HD 216G Global Children's Issues  
HI 232G World History to Columbus  
HI 233G Global History in the Modern World  
HI 234G Twentieth Century World History  
HI 324G Native American History  
HI 360G Modern Africa  
HI 372G World War II  
INI 389G British Seminar  
JA 207G Japanese Culture: Supernatural  
JA 307G Modern Japanese Literature:  
Self & Society  
LI 244G Postcolonial Literature  
LI 314G Caribbean Literature and Film  
MN 230G Asian Managerial Practices  
MU 356G World Music  
PL 103G Introduction to Eastern Philosophy  
PL 303G Individual/Society - Chinese Thought  
PL 349G Native American Thought  
PO 103G Introduction to International Relations  
PO 104G Introduction to Comparative Politics  
PO 211G Inter-American Relations  
PO 231G East Asian Comparative Politics  
PO 232G The Pacific Century  
PO 263G North African Politics  
PO 311G Latin American Politics  
PO 316G Women and Politics Worldwide  
PO 352G The Globalization Debate  
PO 362G MidEast Conflicts and Wars  
PO 363G Middle East Political Economy  
RE 105G Religion in Global History  
RE 230G Yogis, Mystics, Shamans  
RE 240G Non-Western Religion  
RE 319G Hindu Traditions  
RE 320G Buddhist Traditions  
RE 356G Asian Religion and Warfare  
RU 282G Russian Society Through Cinema  
SO 280G Time and Temporal Systems

## GREEK

### GK 101 Introduction to Ancient Greek I

Introduction to classical Greek. Master grammatical constructions and vocabulary in order to read original Greek texts, both poetry and prose, to include: Homer, Plato, Euripides, and the New Testament.

### GK 102 Introduction to Ancient Greek II

Introduction to classical Greek. Master grammatical constructions and vocabulary in order to read original Greek texts, both poetry and prose, to include: Homer, Plato, Euripides, and the New Testament. Prerequisite: GK 101.

## Greek

### **GK 201 Intermediate Greek I: Prose**

This course provides an introduction to classical Greek prose literature. Read Herodotus, Plato, Aristotle, and other great authors in the original language with attention to the history and socio-political context of the works. Prerequisite: GK 102.

### **GK 202 Intermediate Greek II: Poetry**

This course provides an introduction to Greek poetry. Read Homer, Euripides, Menander, and other great authors in the original language with attention to genre, style, and historical context. Prerequisite: GK 102.

## **HISTORY**

History is one of the central disciplines in a liberal education. As broad as human experience, it provides a context for the understanding of literature, art, philosophy, and the sciences. Akin to both the Humanities and Social Sciences, history gives attention to the individual and to society as a whole, revealing the vast range of human experiences, the extraordinary variety of human institutions, and the inevitability of change. The study of history builds skills and knowledge that are indispensable for any career: clarity in writing and speaking; effective use of evidence and argument; the ability to perform independent research; and an awareness of cultural differences and commonalities. It is thus excellent preparation for a wide variety of fields—law, teaching, business, public service, journalism, and even medicine.

Students who complete this major are expected to be able to:

- demonstrate an understanding of key events, trends, and debates in American, European, and World History.
- display an awareness of historical methods and historiography generally, and knowledge of the historiography of at least one field with some thoroughness. This includes the ability to think historically with regard to issues such as causation, cultural diffusion, the role of the individual in history, geographic and demographic influences in history, and gender and minority issues in the past, citing examples from both the Western tradition and the wider global experience.
- engage in a variety of types of scholarly writing such as book and film reviews, annotated bibliographies, and historical essays.

- show a basic level of information literacy. This includes the ability to locate, evaluate, use, and properly cite bibliographical information from both print and electronic sources.
- express themselves clearly, including demonstrating a basic competency in the content, organization, delivery, and style of both formal and informal oral presentations.

History majors are required to take a minimum of 10 total history courses and must complete either a thesis or a comprehensive exam in their senior year. The 10 history courses must include the following five core courses:

HI 202H The European Experience  
HI 205H The American Experience  
HI 206H Making History  
HI 232G World History to Columbus  
HI 233G Global History in the Modern World

Of the remaining five history electives counting toward the major, no more than three should come from any one of the following fields: American History, European/Ancient History, and Asian/World History. Seniors wishing to write a thesis must consult with a sponsor by the Spring semester of their junior year. Those wishing to take a comprehensive exam will enroll in HI 498 History Comprehensive Exam during Winter Term of their senior year. Although not necessarily required for the major, a separate composition course is strongly recommended, especially for freshmen and sophomores with little background in research and argumentative writing.

Descriptions of the following additional courses which count toward the history major and minor are found in the respective disciplinary listings:

AH 203A Arts of the Silk Road  
AM 307H Rebels with a Cause  
AM 308H Becoming Visible  
AM 324H Organized Crime in America  
AM 338H The Harlem Renaissance  
AM 339H The Great Depression and American Life  
CL203H Women and Gender in the Ancient World  
CL 210H The Age of Alexander the Great  
CL 242H Ancient Greek History  
CL 243H The Roman Republic  
CL 244H The Roman Empire  
EA 201G East Asian Traditions  
EA 310G Modern China  
EA 311G Modern Japan  
EA 312G History of Southeast Asia  
ES 314E Environment in American Thought  
PL 349G Native American Thought  
RE 105G Religion in Global History

A minor in history consists of a minimum of six history courses, which must include HI 206H Making History and any two of the following survey courses:

HI 202H The European Experience

HI 205H The American Experience

HI 232G World History to Columbus

HI 233G Global History in the Modern World

Of the remaining three history electives counting toward the minor, no more than two should come from any one of the following fields: American History, European/Ancient History, and Asian/World History.

### **HI 202H The European Experience**

A survey of European History from the Late Middle Ages to the present, emphasizing important political, economic, social, and cultural developments.

### **HI 205H The American Experience**

Survey of American History developed chronologically with the emphasis on political, economic, social, cultural, and global themes. The course will be organized around significant figures, events, ideas, values, and experiences of the American people.

### **HI 206H Making History**

An introduction to the theory and practice of history. This course will examine a selected historical topic in detail, but will also feature training in historical research and writing, and in various methodological approaches.

### **HI 210H European Women**

Course covers social and cultural history of women and gender in Europe from the sixteenth century to the present. Students explore artifacts of literature, fashion, film, travel, and trade to better understand European women's history.

### **HI 232G World History to Columbus**

History of the world from the emergence of major Eurasian, African, and American Civilizations to 1500, with emphasis on technological and social change, cultural diffusion, and cultural interactions.

### **HI 233G Global History in the Modern World**

History of the world since 1500, with emphasis on the interaction of Western ideas and institutions with the rest of the world. Also examines the legacies of industrialization, imperialism, and globalization for today's world.

### **HI 234G The Twentieth Century World**

History of one of the world's most vibrant and also bloodiest of centuries. The course focuses on social, cultural, and technological change; important political and ideological conflicts; and the legacies of hot and cold wars.

### **HI 302H Sport and American Culture**

This course explores the place of sport in American society; It uses sport to illuminate broader historical themes: urban and community life, economic development, social relationships, social mobility, and popular cultural processes.

### **HI 319H The Old South: 1607-1865**

This course examines political, economic, and cultural trends within antebellum south. It focuses on myths and facts about southern culture, the growth of southern distinctiveness, and the rise of slavery as an institution.

### **HI 320H The New South: 1863 To Present**

This course examines the social, cultural, and economic transformations in the American South since the Emancipation Proclamation. It also traces the legacy of slavery and racism through Reconstruction, Jim Crow, and the Civil Rights movement.

### **HI 321H Women in Modern America**

Feminist theory, growth of women's movements, minority women, working women, changes in women's health, birth control, images of women in literature and film. Changes in women's position in America. (Directed Study Available)

### **HI 324G Native American History**

History of Native Americans from the time of European contact to present. Inner workings of Native American communities, Indian-White relations, changing governmental policy, Native American spirituality, economics, gender roles, decision making.

### **HI 325E Western Myth and the Environment**

This course explores how environmental issues helped to shape the myths of the American West. It begins with the first European settlements in North America and culminates with a study of ecological concerns in the contemporary West.

### **HI 330H Reconstruction**

Study of one of the most turbulent, controversial eras in American history. In the past thirty years the traditional view of this period has come under intense scrutiny. What emerges is a much more balanced account of this crucial period.

# History

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## HI 333H History of the Vietnam War

Establishment of Vietnamese nation in 111 B.C., its struggle for autonomy despite foreign invasion. The impact of the Vietnam War on American society, antiwar movement during Johnson and Nixon administrations, analysis of the war's legacy.

## HI 334H African-American History I

The contributions of African-Americans from the Colonial period to Reconstruction. Participation in American Revolution, rise of Cotton Kingdom, development of distinct culture, Civil War and Reconstruction.

## HI 335H African-American History II

African-American history from Reconstruction to the present. Developments in education, racism, participation in military, socioeconomic development, Civil Rights movement and legislation.

## HI 336H Civil Rights Movement: 1945-75

Black participation in World War II, the effects of the Brown Decision and various Civil Rights legislation, the rise of Black nationalism.

## HI 337H The Civil War

Events that preceded the Civil War and contributed to disunion, such as the Southern Carolina Nullification Crisis, the Compromise of 1850, and John Brown's raid. Impact of the war on both North and South. PBS video on Civil War is used.

## HI 347H Recent American History: Historian's View

(Directed Study Available) Current trends in interpreting U.S. history since World War II. Transformation of American society since 1945 and the new position of the U.S. in world affairs.

## HI 353E Environmental History

The role and place of nature in human life, and the interactions that societies in the past have had with the environment. Concentrates on the U.S., but provides methodological approaches to the broader field.

## HI 354E Environmental History - Europe

Covers the environmental history of Europe between 1850 and the present. In addition to industrialization, urbanization, and globalization, the course also investigates how particular intellectuals, movements, and ideologies conceptualized and interacted with the natural world.

## HI 360G Modern Africa

Modern Africa covers the history of sub-Saharan Africa from the eighteenth century to the present with particular focus on the slave trade, European colonialism, and post-independence crises including civil wars and genocide.

## HI 361H Modern France

This course traces the political, social, and cultural history of Modern France from 1789 to the present. It will focus on such topics as revolution, industrialization, class formation, popular culture, the world wars, imperialism, and the end of empire.

## HI 362H European Empires from 1830

This course covers 19th and 20th-century European imperialism in Asia and Africa from the perspective of both colonizer and colonized. Important themes include race, consumption, gender, medicine, sexuality, education, and the legacy of imperialism.

## HI 363H The Renaissance

A chronological study of the development of Renaissance humanism in Italy from its origins in 14th century Florence to its artistic expressions in 16th century Venice and Rome.

## HI 364H The Reformation

An examination of Reformation theology in its political and institutional context. The course includes a look at the broad repercussions of the Reformation and the responses of the Catholic Church.

## HI 366H Inside Nazi Germany

This course is a detailed examination of the political, social, and cultural history of the Third Reich. It places Nazism in its historical context and investigates the persecution of European Jews and other minorities.

## HI 368H Modern German History

This course examines German History from its unification in 1870, through reunification in 1989, to the present. It includes the German Empire, WWI, Weimar, Nazism and the Holocaust, WWII, the Cold War and a United Europe.

## HI 370H Sex and Power: European Thought

This course investigates Modern European Intellectual History through the lens of issues of sex, gender, and power. Readings feature some of the greatest European writers of the last two centuries.

## HI 372G World War II

A truly global look at the Second World War, focusing on its causes and consequences, on military conflict in various theaters, and on experiences at the "home front."

## HONORS PROGRAM

The Honors Program at Eckerd College provides enhanced opportunities for students of outstanding ability to interact and learn from each other through class discussions and group activities. Selected students are brought together for close interaction and advanced work, such studies receiving permanent recognition on the students' transcripts.

Honors students meet all general education requirements. In addition, first-year Honors students meet for a year-long extra course. In the second and third years of the Honors program, participants take two courses designated as Honors courses as part of their general education requirements. These Honors courses should represent different perspective or academic areas. Seniors in the Honors Program participate in a colloquium in which they present their Senior thesis research, creative projects, or their work for comprehensive examinations.

Students who wish to be considered for the Honors Program in the Freshman year must file an acceptable application for admission to Eckerd College which serves as their application for the Honors Program as well. Interested students are encouraged to write the Dean of Admission for additional information.

New transfer students and students already enrolled in the college, including students who may have applied unsuccessfully to the Honors Program earlier, are also eligible for admission as vacancies in the program occur at the upper levels. Students who are interested in making application to the Honors Program after they are enrolled in the college should contact the director of the Honors Program.

### HP1 184 Honors Program - 1st Semester

The first year course for students in the Honors Program. Students meet weekly for the academic year and are awarded a course credit. Admission is by application to the Honors Program Director. Two semesters required for one course credit.

### HP2 184 Honors Program - 2nd Semester

The first year course for students in the Honors Program. Students meet weekly for the academic year and are awarded a course credit. Admission is by application to the Honors Program Director. Two semesters required for one course credit.

### HP1 410 Senior Honors Colloquium - 1st Semester

A student-directed seminar focusing on both common curriculum experiences and specific policy and values issues related to the students' individual disciplines. Students taking the Senior Honors Colloquium also take the Senior Seminar in their collegium or discipline if it is required. Two semesters required for one course credit.

### HP2 410 Senior Honors Colloquium - 2nd Semester

A student-directed seminar focusing on both common curriculum experiences and specific policy and values issues related to the students' individual disciplines. Students taking the Senior Honors Colloquium also take the Senior Seminar in their collegium or discipline if it is required. Two semesters required for one course credit.

## HUMAN DEVELOPMENT

Students majoring in human development are prepared for graduate programs in counseling, counseling psychology, social work, marriage and family therapy, education, or related allied therapy fields and for entry level positions in human services. By developing a strong foundation of self-knowledge and understanding of others across the lifespan, students learn how to help people reach their fullest potential whether in business, government, education, private practice, or human service agency settings.

Human Development graduates are expected to possess:

- knowledge of the key theories of human development and counseling and a multicultural perspective on human growth and functioning
- skills in interpersonal and oral communication
- skill in bibliographic research methods and writing employed by those in the helping professions and effective use of library and computer-based resources
- an understanding and application of ethical principles and personal responsibility in the helping professions

These competencies are demonstrated through satisfactory completion of the required courses and Senior comprehensive paper.

Core courses in the major include the following which are listed in the order in which they should be taken. All courses require a grade of C- or better to qualify for graduation in the major.

# Human Development

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Introduction to Human Development  
Statistical Methods  
Counseling Strategies: Theory and Practice  
Group Dynamics  
Cross Cultural Communication and Counseling  
Social Ecology and Mental Health  
Ethical Issues in Human Development  
Leadership and Administrative Dynamics  
Internship in Human Development

The extensive 210-hour internship and a minimum of five (5) other courses are required in the emphasis area of the student's choice. Students may choose an area of emphasis in mental health, wellness and holistic health, children, adolescent/youth services, or social work. In special cases the student in conjunction with a Mentor may design an alternative area.

To minor in human development a student must complete HD 101S, Introduction to Human Development, HD 210 Counseling Strategies, Theory, and Practice (Prerequisite HD 101S or PS 101S) and a choice of three additional courses in Human Development.

Courses used for the minor require a grade of C- or better.

## **HD 101S Introduction to Human Development**

Theoretical and practical study of life stages; focus on physical, social, emotional and cognitive development. Exploration of normal developmental concerns over the life span with particular emphasis on how they are addressed by the helping professions.

## **HD 203 The Adolescent Experience**

Theories and research in adolescent physical, cognitive, and social development. Psychosocial challenges of adolescence. Prerequisites: HD 101S, PS 101S.

## **HD 204 Socialization: Study of Gender**

Theories and research on gender identity, roles, and stereotypes. Emphasis on role of society and culture and their complex interaction with biology and cognition. Prerequisites: HD 101S or PS 101S or SO 101S.

## **HD 207S Group Dynamics**

Laboratory approach to the study of groups, including participation, observation and analysis; investigation of roles of group members, transitional stages, leadership, and group functioning.

## **HD 208E Your Health and the Environment**

Socioecological model of health addresses ways in which human health is influenced by both environmental and personal factors. Focus on the national initiative Healthy Campus 2010 and promotion of health in the campus community.

## **HD 209 Child Roles and Family Systems**

Family systems paradigm and specific theories. Focus on development of child's personality in healthy and dysfunctional families. Explore adaptive nature of roles (Hero, Scapegoat, Lost Child, Mascot) in children and adults, comparing strengths/weaknesses, benefits/losses. Prerequisites: HD 101S or PS 101S.

## **HD 210 Counseling Strategies: Theory and Practice**

Overview of counseling process and career exploration in the helping professions. Focus on psychotherapeutic approaches. For students planning to use counseling related skills in their careers. Prerequisite: HD 101S or PS 101S.

## **HD 214S Human Trafficking**

Human trafficking is a major international crime. This course examines trafficking for prostitution, begging, domestic work, field/factory labor, adoption, soldiering, and organs. Cultural factors will be assessed.

## **HD 216G Global Children's Issues**

International perspective on poverty-based children's problems. Topics include housing, parenting and childcare, education, child labor, child soldiers, child trafficking, and health. In-depth study of developing countries.

## **HD 225 Introduction to Social Work**

Introduction to profession, practice, history and value bases of social work. Examination of social welfare issues as they relate to the field of social work. Prerequisite: HD 101S. Not offered every year.

## **HD 271 Practicum in Wellness Programming**

Fundamentals of developing, implementing, and evaluating educational wellness programs for targeted groups to increase awareness and promote positive health behavior changes. Permission of instructor.

## **HD 324 Counseling Strategies with Children**

A multi-modal approach to learning current theories of counseling with children. Particular focus on social problems related to children and efforts to address them within the helping professions. Prerequisites: HD 101S or PS 101S, and HD 210.

**HD 326 Counseling for Wellness**

Holistic/wellness paradigm to health involving social, physical, emotional, spiritual, and mental aspects. Theory, research, alternative health care, cognitive behavioral counseling procedures. Prerequisites: HD 101S and HD 210. Generally offered alternate years.

**HD 327 Social Ecology and Mental Health**

Theory, practice, and current research regarding medical, developmental, and ecological models in community mental health. Understand research methodology, assessment, and evaluation issues and strategies. Develop skill in writing a literature review in APA style. Prerequisites: HD 101S, HD 210, and statistics.

**HD 328 Crosscultural Communication and Counseling**

Identify elements of culture and their influence on worldview, language, contextual expectations in communication. Basic principles regarding cognitive, affective, verbal, non-verbal dimensions of communication. Theories of cultural identity development and multicultural counseling. Experiential practice. Prerequisites: HD 210 and Junior or Senior standing.

**HD 386 Ethical Issues in Human Development**

Development of "ethical fitness" based on model from the Institute for Global Ethics. Analysis and resolution strategies and resources applied to personal and professional ethical dilemmas. Prerequisite: HD 210.

**HD 387 Forensics and Human Behavior**

Major topics include criminal profiling, eyewitness identification, suggestibility, lie detection, jury selection, the insanity defense, competency to stand trial, expert testimony and ethical issues. Prerequisites: HD 101S or PS 101S; SO 160M or PS 200M.

**HD 401 Internship in Human Development**

A field-based learning experience; 210 on-site hours in off-campus placements, such as centers for drug abuse, delinquency, women's services, mental health and schools. Bi-weekly seminar. Prerequisites: Senior standing and permission of instructor.

**HD 403 Practicum in Peer Counseling**

Developing skills in interviewing, assessing individual problems and strengths. Role play and audiotaped counseling sessions, supervised counseling experience appropriate to student's level. Audio or video tape recorder required. Prerequisites: HD 210, Senior standing, and permission of instructor.

**HD 404 Leadership and Administrative Dynamics**

Basic principles and distinctiveness of human service organizations, administrative tools and techniques, and leadership theory and development. Prerequisites: HD 327 and Junior or Senior standing.

**HD 405 Practicum in Group Process**

Theory, process and applications of group development and group counseling strategies. Lab practice of effective group membership and leadership behaviors. In class videotaping and additional group observation project. Prerequisites: HD 207S, HD 210, Senior standing, and permission of instructor.

**HUMANITIES**

Humanities is an interdisciplinary major coordinated by the Letters Collegium. Working together, the student and Mentor design a ten course program focusing on a central topic (e.g., historical period, geographical area, cultural/ intellectual movement), using the methodology of one core discipline (art, foreign language, history, literature, music, philosophy, political science, religion, sociology, theatre), supplemented with courses from complementary disciplines. Humanities students are encouraged to participate in integrative humanities courses.

Five courses must be from the core discipline. The other five courses may be drawn from complementary disciplines. At least five courses must be beyond the introductory level. No later than the Junior year, a guiding committee of three faculty from disciplines in the student's program is selected. This committee designs and evaluates the Senior comprehensive examination, or may invite the student to write a Senior thesis.

Students who complete the humanities major demonstrate the following competencies:

- knowledge of the topical focus from an interdisciplinary perspective, demonstrated by the ability to speak and write intelligently about it
- ability to understand and use the methodological processes of the core discipline, demonstrated by the successful completion of a comprehensive exam, thesis, or project
- ability to locate bibliographical information and to engage in scholarly writing on the topic.

# Interdisciplinary Arts

## INTERDISCIPLINARY ARTS

The Interdisciplinary Arts major builds on strengths within the Creative Arts Collegium and is designed for students with varied interests and skills who would like to build bridges linking the arts. Students may explore traditional connections (set design, dramaturgy, musical production, illustration of original texts) or investigate more contemporary modes of integrating the arts such as multi-media installation, film and video production, digital and web-based arts, and performance art. A student who envisions both writing and producing a play, for example, may build a unique program comprised of courses in Creative Writing, Literature and Theatre.

Students majoring in Interdisciplinary Arts are expected to develop an understanding and appreciation of the creative process that is not confined to a single arts discipline.

In addition, students are expected to acquire:

- primary skills in at least one arts discipline and secondary skills in at least one other arts discipline.
- a creative approach to integrating the arts
- problem solving skills in a multi-faceted arts environment

### The Structure of the Major:

The Interdisciplinary Arts major includes 16 courses, a senior seminar, and a senior project. Students are encouraged to take a winter term or semester abroad. The major may be realized in two different ways, each subject to the approval of an arts mentor and the Interdisciplinary Arts discipline coordinator, as follows:

- IA 200 Interdisciplinary Arts
- 9 approved courses from one arts discipline (Visual Arts, Creative Writing, Music or Theatre)
- 5 courses in one or more of the other arts disciplines, at least two of which are 300 level or higher.

OR

- A uniquely focused arts program, to include IA 200 Interdisciplinary Arts and incorporating as many as three related courses from outside the arts.

There are many ways in which an Interdisciplinary Arts major may be realized, depending upon one's interests and goals. Students engaged in the IA major must work closely with their mentors to choose appropriate courses for their specific needs. The following description illustrates a general recommended sequence of courses.

### Freshmen

Introductory courses in one or more arts disciplines (Creative Writing, Visual Arts, Theatre, Music). Students who want to incorporate writing into their programs may also wish to take an introductory Literature course. Those who wish to pursue digital and web-based arts may consider taking Introduction to Computer Science.

### Sophomores

IA 200 Interdisciplinary Arts  
By the second semester begin to develop an individualized 16-course program under the guidance of an arts mentor.

### Juniors

Refine a program that includes upper-level electives under the guidance of an arts mentor.

### Seniors

Submit a Senior Project that integrates two or more arts disciplines  
Senior Seminar.

Senior Project committees must be comprised of three faculty members, at least two of representing different arts disciplines. Senior seminars may be in any arts discipline central to the student's focus.

A minor in Interdisciplinary Arts will include IA 200 Interdisciplinary Arts plus any five courses from two or more arts disciplines, at least two of which are at the 300 level. These courses must not duplicate courses used by students to satisfy major requirements.

A major in Interdisciplinary Arts may not also major in the discipline which serves as the core of the IA major.

### IA 200 Interdisciplinary Arts

Introduction to traditional means (e.g. set design, musical production, text and illustration) and non-traditional means (e.g. performance art, video, multi-media installation, web-based digital arts) by which arts can be integrated or linked to other disciplines. Prerequisite: at least one entry level course from an Eckerd arts discipline.

### IA 240A Sound Design

Philosophical and physical dimensions of sound, sound synthesis and manipulation, plus means of organizing sound. Reading and listening, creation of soundscapes, sound sculptures, film scenes and multi-media works.

### IA 301 The Documentary

Students will review the history and theory of documentary film, and will employ contemporary documentary philosophy and techniques in producing their own videos.

## INTERNATIONAL BUSINESS

The international business major is designed to provide students with a variety of proficiencies and experiences related to career opportunities and/or preparation for graduate work. The competencies achieved in the major are:

- knowledge of international business fields within a multidisciplinary perspective, including anthropology, management, foreign language, foreign experience, economics, political science, culture area, marketing, accounting, finance, and human resource management.
- cross-cultural understanding and experience, and the capacity for leadership on cross-cultural issues in business and community life.
- preparation for careers in international business.
- preparation for graduate degree programs in the field of international business and related multicultural and international fields.

Requirements for the major are:

### Language

Five courses in one language with demonstrated conversational skills, or the equivalent, with a minimum average of 2.0.

### World Cultures

Introduction to Anthropology or one cultural area course with a C- or better and one course to be chosen from a list of internationally-focused economics and/or political science courses.

### Business Foundations

Principles of Accounting, Principles of Macroeconomics, Principles of Marketing, Finance, all with a C- or better.

### International Business

The Cultural Environment of International Business, International Management, International Marketing, International Finance and Banking, Global Human Resource Management, Senior Seminar: Issues in International Business, and Multinational Corporate Strategy comprehensive examination, all with a C- or better.

### Study Abroad

A winter term, summer term or semester abroad within an appropriate International Education program, or an individualized study under the direction of a member of the faculty. International students are exempt.

### Freshmen and Sophomores

Foreign Language  
Introduction to Anthropology or cultural area course  
Cultural Environment of International Business

### Sophomores

Foreign experience  
Accounting  
Macroeconomics  
International Management

### Juniors

Finance  
Marketing  
International politics and/or economics course  
Global Human Resource Management

### Seniors

International Finance and Banking  
International Marketing  
Senior Seminar  
Multinational corporate Strategy

Requirements for a minor in International Business include successful completion of the following three core courses:

IB 261S International Management  
IB 260S Cultural Environment of International Business  
IB 410 Senior Seminar: Issues in International Business (final course of minor)

In addition, the student must complete any two of the following elective courses:

IB 376 Global Human Resource Management  
IB 485 International Marketing (prerequisite required)  
IB 486 International Finance and Banking (prerequisites required)  
IB 401 Internship in International Business (in consultation with an IB faculty member)  
Term abroad (in consultation with an IB faculty member)

### IB 210S Students in a Free Enterprise

Socially responsible competition for customers, profits, and entrepreneurship. Economic principles, market ethics, educational outreach. Prerequisites: Sophomore status.

### IB 260S Cultural Environment of International Business

The vital role culture plays in international business. Understand the process of communicating across boundaries and develop analytical skills in examining intercultural interactions.

## International Business

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### **IB 261S International Management**

The entire range of management is explored from analysis, planning, implementation and control of a business organization's world-wide operations. Compare management practices in the Americas, Asia, Europe, Africa and Middle East.

### **IB 321S Consumer Behavior and Consumerism**

Contributions of the behavioral disciplines (psychology, sociology, anthropology) to understanding the consumer decision-making process. The impact and value issues of the consumer movement.

### **IB 369S Principles of Marketing**

Principles, problems and methods in distributing and marketing goods and services. Prerequisite: Junior or Senior standing.

### **IB 373 Marketing Communications**

Processes and functions of promotion, strategies incorporating creative use of advertising, publicity, merchandising, direct selling, and sales promotion. Prerequisite: IB 369S.

### **IB 374 Market Intelligence**

Collection and measurement of data on market identification, sales forecasting and marketing strategy development, market research, cost/revenue breakdowns, competitive analysis, others. Prerequisites: IB 369S and statistics.

### **IB 376 Global Human Resource Management**

Theory and practices of personnel and human resources management in organizations, including job definition, staffing, training and development, compensation and benefits, labor relations, environmental analysis and human resource planning and controlling. Prerequisite: Junior or Senior standing.

### **IB 378 Investment Finance**

Exploration of financial instruments and markets in the investment world with emphasis on stocks, bonds, real assets, derivatives, and preparation of a financial portfolio. Prerequisites: MN 271S and either EC 281S or EC 282S.

### **IB 401 Internship in International Business**

Field-based learning experience at international businesses or agencies that support and promote international business. Periodic meetings with the sponsoring professor. Prerequisite: Junior or Senior standing.

### **IB 410 Senior Seminar: Issues in International Business**

Discussion of business topics affecting global business today. Examine individual, organizational, and macro-levels issues in international business ethics.

### **IB 475 Investment Analysis**

(Directed Study available) Advanced investment course focusing on in-depth analysis of specific investment alternatives using the computer and other sophisticated techniques. Prerequisite: IB 378 or MN 377.

### **IB 480 Proctoring in International Business**

Practical leadership experience for advanced students. Working closely with the sponsoring professor, participants will coach students enrolled in International Business courses. Prerequisite: Senior standing.

### **IB 485 International Marketing**

International product management, pricing in foreign markets, multinational distribution and business logistics systems, world-wide promotion programs, international market and marketing research. Prerequisite: IB 369S.

### **IB 486 International Finance and Banking**

International monetary systems, banking, foreign exchange management, long run foreign direct investment decisions, and international equity and debt markets. Prerequisites: EC 282S and MN 377 or IB 378.

### **IB 498 Multinational Corporate Strategy**

Comprehensive offered during spring semester

## INTERNATIONAL EDUCATION

### LONDON COURSE OFFERINGS

The Eckerd College London Study Centre is a centrally located 225-year-old Georgian row house. The program is led by a different Eckerd College faculty member each semester, who lives at the centre with the students. Students may also have the opportunity to do an internship during their London Term.

### **AHI 221A Art History: British Painting 1760-1960**

Hogarth, Reynolds, Stubbs and Turner studied in depth. Collections of George III, Sir John Soane, Duke of Wellington and other connoisseurs of the period discussed. Visits to museums and galleries.

**INI 204E London's Green Initiatives**

Study London's eco-sustainability; plans to reduce London's ecological footprint; ecological impacts of architectural design, infrastructure, English gardens, parks. Academic studies and London government, community, academic and NGO documents.

**INI 389G British Seminar**

Required for students in the London term. The historical, institutional and contemporary issues of Britain, with particular attention to London. Visit experts in various fields, excursions and readings to develop an understanding of Britain today.

**LII 126H Anglo-American Perspectives**

Explore the idea that England and the United States are "two countries divided by a common language," with all manner of different perspectives of our own and each other's cultures. Use of travel writers, novels and plays specifically concerned with academic life.

**POI 301S Introduction to Contemporary British Politics**

Provides an understanding of British political institutions and insight into the main political debates facing Britain, including the media, the conflict in Northern Ireland and issues of race and gender. Discuss current political developments as they happen.

**THI 365A Theatre in London**

London theatre, including backstage tours and guest lectures, covering drama from classical to modern. For students with a general interest in theatre, of whatever major.

**OTHER OPPORTUNITIES**

Eckerd College cooperates with several institutions and agencies to provide students with opportunities in other overseas locations.

**ISEP (International Student Exchange Program)**

Opportunities to study overseas for a semester or year at over 100 institutions throughout the world. Fees are aid to Eckerd College, and all scholarships, loans and grants, with the exception of work study, apply as if on campus.

**France**

Semester at the University of La Rochelle. Courses taught in French in a variety of disciplines. Summer, semester and academic year programs in Aix-en-Provence and Avignon through the Institute for American Universities. Instruction in English and French in the humanities, arts and social sciences.

**Hong Kong**

Semester at Hong Kong Baptist University. Full range of courses. All majors. Instruction in English. No language prerequisite.

**Japan**

Full-year or semester exchange opportunities at Kansai Gaidai (Osaka) or Nanzan University (Nagoya). Instruction in English. Focus on Japanese and Asian area studies.

**Korea**

Semester or full-year at Ewha Womans University (Soeul). Wide range of courses. Instruction in English. No language prerequisite.

**Thailand**

Semester or full year exchange at Payap University Chiang Mai. Instruction in English. Focus on Thai studies and culture.

**England**

Full-year exchanges with the University of Plymouth, England. Opportunities especially for science, computer science, and social science majors.

**AustraLearn**

Semester, year-long and short term programs at the universities in Australia, New Zealand and Tasmania. AustraLearn is designed to assist students with admissions, accommodation arrangements, and travel opportunities.

**Arcadia University**

Summer, semester and year-long programs in 13 countries in a wide variety of disciplines. Some sites offer intensive language instruction.

**Butler University**

Summer, semester, and full year programs in 15 countries in a wide variety of disciplines. Some sites offer intensive language instruction.

**CIEE(Council on International Educational Exchange)**

Summer, semester, and full year programs in 30 countries in a wide variety of disciplines: Some sites offer intensive language instruction.

**ICADS(Institute for Central American Development Studies)**

Semester program in Costa Rica, Nicaragua, and Belize for students concerned about social change and justice issues. Combines academic programs with opportunities for community projects and research. Academic foci: human rights, women's issues, environmental studies, agriculture, public health, education, wildlife conservation, and economic development. Two semesters of college Spanish recommended.

## International Education

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### **International Partnership for Service Learning**

Semester, full-year or summer programs that integrate academic study and community service in the Czech Republic, Ecuador, England, France, India, Israel, Jamaica, Mexico, the Philippines, Scotland, and South Dakota (with native Americans). Disciplines include history, political science, language, literature, sociology, economics and anthropology. Service opportunities include: teaching/tutoring; working in health care with the physically or emotionally handicapped, recreation, and community development projects.

### **Sea Semester**

Semester program for students combining the worlds of science and the humanities with a unique experience at sea. Courses include maritime studies (history, literature, contemporary issues), nautical science (sailing theory, navigation, ship's systems), and oceanography (marine biology, physical and chemical oceanography). No sailing experience is necessary. Junior standing recommended.

### **Marine Language Scholarship Exchange with University of Las Palmas, Canary Islands, and University of La Rochelle, France**

Courses in marine science and biology are taught in French or Spanish.

Information on all of the above is available for the International Education Office and Off-Campus Programs.

## INTERNATIONAL STUDIES

The International Studies major allows a student to design a program that combines language study, area studies courses, a living experience in the target culture, and a core discipline into an integrated program of study. A committee of three faculty members works with the student to select courses, plan the international experience, and supervise the senior comprehensive examination project or thesis. One of the members of this committee is the International Studies discipline coordinator.

Students in this program must acquire a language competence at the advanced level. Normally an intermediate level of language competence is required prior to the international experience. One semester supervised residence abroad in a selected geographical area related to the major is a special feature of this program. This experience may be a language and cultural study program, a practical internship, or a job-related opportunity.

The major consists of a minimum of twelve courses in addition to language study. Students must take Introduction to Anthropology or its equivalent, a minimum of five courses related to the cultural area, and five courses from a core discipline. In addition,

students will complete a senior comprehensive examination or a thesis in consultation with the faculty committee.

Students who complete the international studies major should be able to demonstrate a command of at least one foreign language; a knowledge of the social, political, and cultural structures of one particular country or area of the world; an understanding of the disciplinary perspective of one academic field; and an ability to write, think, and speak effectively in expressing the interrelatedness of peoples and cultures. Typically, students in this program have proceeded to graduate study in international studies and have pursued careers in journalism, law, language teaching, international business, government, or employment in non-governmental and international service organizations.

## INTERNATIONAL RELATIONS AND GLOBAL AFFAIRS

The international relations and global affairs major is designed to provide students with an understanding of the international political and economic factors, relationships, and issues shaping today's global community. It is an interdisciplinary major, but its home discipline is political science.

Students majoring in international relations and global affairs affiliate with the Behavioral Science Collegium and will be associates of the political science faculty. Students majoring in international relations and global affairs will gain competency in international political, economic, and foreign policy analysis, proficiency in a foreign language, and skills in research, writing, and oral communication. Students will also gain practical experience in international relations through their work in their practicum. Students will be prepared to go on to graduate study in international relations, the foreign service, or law. They will also be well prepared for a career in the international non-governmental community, service organizations, interest groups, or journalism.

The major requirements consist of three prerequisite courses: PO 103G Introduction to International Relations, EC 282S Principles of Macroeconomics, and HI 234G Twentieth Century World, plus six core courses distributed across the three core groups listed below. Also required are Political Science Research Methods, two and a half years of a foreign language, the international practicum, the Senior Seminar, and the Senior Comprehensive Exam. Students majoring in international relations and global affairs are also strongly encouraged to spend a semester or at least a winter term abroad. Beyond the

three prerequisite courses already listed, a minimum of six core courses are required for the major, with at least two courses taken from each of the following three core groups:

### **Group A - International Relations Theory and Foreign Policy:**

AN 289S Gender: Cross-Cultural Perspective  
 HI 233G Global History in the Modern World  
 IR 340 Geneva and International Organization  
 IR 341 The Hague and International Law  
 PO 200S Diplomacy and International Relations  
 PO 212S U.S. Foreign Policy  
 PO 222 Political Ideologies  
 PO 243S Human Rights and International Law  
 PO 251S The Media and Foreign Policy  
 PO 315 Theories of War and Peace  
 PO 341 Ethics and International Relations  
 PO 343S International Environmental Law  
 PO 351 National Security Policy

### **Group B - Regional Studies Group:**

Students must take at least two courses, one each from different regions and one each from different disciplines.

AN 203G Middle Eastern Area Studies  
 AN 282G East Asian Area Studies  
 AN 283G Southeast Asian Area Studies  
 AN 285G Latin American Area Studies  
 AN 286G Cultures of Sub-Saharan Africa  
 AN 287G Caribbean Area Studies  
 EA 201G East Asian Traditions  
 EA 310G Modern China  
 EA 311G Modern Japan  
 EA 312G History of Southeast Asia  
 HI 202H The European Experience  
 HI 360G Modern Africa  
 HI 361H Modern France  
 HI 368H Modern German History  
 LI 244G Postcolonial Literature  
 LI 314G Caribbean Literature and Film  
 LI 334 20th Century European Fiction  
 PO 211G Inter-American Relations  
 PO 221S Politics of Revolution & Development  
 PO 231G East Asian Comparative Politics  
 PO 252S Middle East Politics  
 PO 263G North African Politics  
 PO 311G Latin American Politics  
 PO 316G Women and Politics Worldwide  
 PO 321S Comparative European Politics  
 PO 322S Authoritarian Political Systems  
 PO 324 East European Politics  
 PO 333 Japan: Government, Politics, Foreign Policy  
 PO 335S Government and Politics of China  
 PO 336S East Asian International Relations  
 PO 362G MidEast Conflicts and Wars  
 RE 356G Asian Religion and Warfare

### **Group C - International Political Economy Group:**

EC 281S Principles of Microeconomics  
 ECI 375S China: Economic Development and Reform  
 EC 385 Comparative Economic Systems  
 EC 388 Economic Development  
 EC 480 International Economics: Foreign Exchange  
 EC 481 International Economics: Trade  
 PO 232G The Pacific Century  
 PO 241S International Political Economy  
 PO 242S The Politics of Defense: Economics and Power  
 PO 313 Politics of the European Union  
 PO 342S Hunger, Plenty, and Justice  
 PO 352G The Globalization Debate  
 PO 363G Middle East Political Economy

In addition to the three prerequisite courses, the six core courses, PO 260M Political Science Research Methods, the Senior Seminar (IR 410), and the Senior Comprehensive Exam, the major requires the following:

### **Language Requirement:**

At least two and a half years (five semesters) of college level foreign language or the equivalent. More years of language or a second foreign language are strongly encouraged.

### **International Practicum:**

There are three ways to fulfill the requirement:

- Enroll in IR 353 IRGA Practicum. Only IRGA majors fulfilling their IRGA Practicum requirement may enroll in this course. This course includes an internship in an institution engaged in international affairs within the U.S. or abroad. The student's 150 internship hours are combined with a directed study of issues related to the specific internship focus. An internship done abroad will involve a deep emersion in another culture. Instructor permission required.
- Specified Winter Term and Spring-Into-Summer courses led by IRGA faculty. The U.N. Winter Term, IR 340 Geneva and International Organization, and IR 341 The Hague and International Law are examples.
- Semester study abroad programs recognized for credit by the International Education Office and the Registrar. ISEP or CIEE organized semester abroad programs are examples. IRGA students have studied in Austria, Spain, The Netherlands, Germany, Hong Kong, China, Thailand, and France. The Eckerd London program, while excellent, does not fulfill the IRGA practicum requirement.

## International Relations and Global Affairs

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Students work closely with a member of the Political Science faculty (or faculty from other disciplines represented in the major) in arranging for the practicum and are responsible for informing themselves of the available types of practicums, for choosing one that meets their needs, and for fulfilling the terms of the practicum contract in a timely manner.

Students may also minor in international relations and global affairs by completing PO 103G Introduction to International Relations, PO 241S International Political Economy, and four core courses beyond the introductory level which are distributed across each of the three core groups.

### **IR 340 Geneva and International Organization**

Opportunity to visit and study United Nations agencies in Switzerland that deal with health, labor, human rights, the environment, refugees and trade matters. Prerequisite: permission of instructor.

### **IR 341 The Hague and International Law**

Opportunity to study international law and human rights in The Hague (Netherlands) and Strasbourg (France) with visits to the European Court of Human Rights, the International Criminal Court, and other organizations. Prerequisite: permission of instructor.

### **IR 353 International Relations and Global Affairs Practicum**

IRGA majors may fulfill their practicum requirement with an internship in an institution engaged in international affairs. By providing “real world” experience, it can be a significant first step to a student’s future career. Instructor permission required.

### **IR 410 Senior Seminar: International Relations and Global Affairs**

This is the required capstone seminar for all IRGA seniors. Topics vary from year to year. Recent topics have included the dissolution of Yugoslavia, the Arab-Israeli Conflict and the role of the United States in the world today.

## ITALIAN

The minor in Italian requires a total of five courses, which must include the first and second year sequences (101/102, 201/202) or their equivalents. The fifth course can be IT 301H or 302H, IT 306H, Winter Term Language Immersion in Italy, or an independent study course in Italian language or culture.

### **IT 101 Elementary Italian I**

Fundamentals of Italian language. Introduction to basic grammatical structures and everyday vocabulary. Practice in speaking, listening comprehension, reading, and writing.

### **IT 102 Elementary Italian II**

Fundamentals of Italian language. Continues introduction of basic grammatical structures and everyday vocabulary begun in IT 101. Continued practice in speaking, listening comprehension, reading, and writing. Prerequisite: IT 101.

### **IT 201 Intermediate Italian I**

Completes the overview of Italian grammar and essential vocabulary initiated in the first-year sequence. Continued practice in speaking, listening comprehension, reading, and writing. Increased exposure to aspects of Italian culture. Prerequisite: IT 102.

### **IT 202 Intermediate Italian II**

Continued development of speaking, listening comprehension, reading, and writing skills. Grammar review. Increased exposure to Italian culture through film, print, and popular music. Prerequisite: IT 201.

### **IT 301H Advanced Italian I**

Designed to help students perfect the skills acquired in first- and second-year Italian. Students will continue to build proficiency, develop and improve writing skills, and expand their understanding of Italian culture. Prerequisite: IT 202.

### **IT 302H Advanced Italian II**

Second semester of Advanced Italian. Prerequisite: IT 301H.

### **IT 306H Italian Film and Literature**

Examines visual and literary culture of modern Italy through selected films and novels (in English translation). Explores how writers and directors in Italy have produced works of art as expressions of aesthetic freedom and ethical responsibility.

## JAPANESE

The minor in Japanese requires a total of five courses which must include the two-year language sequence (JA 101/102, JA 201/202) or their equivalents. The fifth course should be chosen from among the following:

AH 221A Arts of Japan: Jomon to Anime  
 HD 350G Contemporary Japanese Families  
 EA 311G Modern Japan  
 PO 333 Japan: Government, Politics,  
 and Foreign Policy  
 JA 307G Modern Japanese Literature:  
 Self and Society  
 WT Winter Term in Japan

### JA 101 Elementary Japanese I

Introduction to modern spoken Japanese through aural-oral drills and exercises, and mastery of the basic grammatical structures. Students learn written forms, perform basic communicative acts, and utilize proper social registers.

### JA 102 Elementary Japanese II

Continuation of introductory basic Japanese with emphasis on the spoken language. The Japanese writing system will also be continued. Prerequisite: JA 101.

### JA 201 Intermediate Japanese I

Further development of communicative skills with emphasis on speaking through in-class performance. Prerequisite: JA 102.

### JA 202 Intermediate Japanese II

Continuation of Intermediate Japanese I. Prerequisite: JA 201.

### JA 207G Japanese Culture: Supernatural

A study of the supernatural elements that have long fascinated the Japanese, this course examines the changes seen over the years and the relationship between representations of the supernatural and national/individual identity.

### JA 301H Advanced Japanese I

Further development of the four basic language skills with emphasis on advanced sentence patterns and increased kanji vocabulary. Prerequisite: JA 202.

### JA 302H Advanced Japanese II

Continuation of Advanced Japanese I (JA 301H). Prerequisite: JA 301H.

### JA 307G Modern Japanese Literature: Self and Society

A study of Japan's modern masters of prose with a focus on how writers address the concept of "self" in a group-oriented society. Works that deal with the issue of what it means to be Japanese in the modern world. Taught in English translation.

### JA 401 Advanced Readings in Japanese

Practical use of acquired language skills and further development of kanji vocabulary by reading, discussing, and writing about essays and stories by contemporary Japanese writers. Prerequisite: JA 302H.

## JOURNALISM

The journalism minor consists of three core courses and two electives. The three core courses are CW 220A Journalism, CW 320 Advanced Journalism, and CM 360A Media Ethics. The two electives must be chosen from the following courses:

AR 244 Digital Photography  
 (prerequisite AR 101A, AR 102A, AR 229A)  
 AR 322 Advanced Photography Critique  
 (prerequisite AR 229A or AR 244 and permission)  
 CM 306 Gender, Sexuality, and Media  
 (prerequisite CM 101)  
 CM 221A Media and Society  
 CM 223 Argumentation and Debate  
 CO 200E Writing the Environment  
 CO 328 Advanced Research Writing  
 CO 122 Analytic and Persuasive Writing  
 CW1 300A / CW2 300A Internship with  
*The Current* (two semester course)  
 CW 404 Web Journalism  
 CW 204A Creative Nonfiction

Students majoring in Communication may count CM 360A Media Ethics for their major and the journalism minor. Students majoring in Creative Writing and seeking the journalism minor are required to take five, rather than four, workshops for the Creative Writing major: one poetry, one fiction, two journalism, and one elective. Students choosing to minor in both Journalism and Creative Writing cannot overlap courses to meet the requirements.

## Latin

### LATIN

#### LA 101 Introduction to Latin I

Master basic grammatical constructions and develop vocabulary in order to read Latin authors in their original language. English word derivation heavily stressed.

#### LA 102 Introduction to Latin II

Master basic grammatical constructions and develop vocabulary in order to read Latin authors in their original language. Introduction to Cicero, Caesar, Ovid, and more. Prerequisite: LA 101, or high school Latin equivalent.

#### LA 201 Intermediate Latin I

Review Latin grammar. Read great authors of Latin poetry and prose: Catullus, Cicero, Vergil, Augustine, Ovid, and more. Learn about the authors' lives and historical context. Prerequisite: LA 102.

#### LA 202 Intermediate Latin II

Read great authors of Latin poetry and prose: Catullus, Cicero, Vergil, Augustine, Ovid, and more. Learn about the authors' lives and historical context. LA 201 recommended, but not required.

### LAW AND JUSTICE

The minor in Law & Justice is designed explicitly for students who are planning to attend law school. Students completing the minor will gain important legal knowledge and skills that should serve them well in law school and later in law-related careers. The minor requires the successful completion of two foundational courses: one course in Constitutional Law (either PO 301S Constitution and Government Power or PO 302S Constitution and Individual Rights) and one course from among the following: SO 324 Introduction to Criminal Justice, SO 224S Criminology, or SO 221 Juvenile Delinquency. Thereafter, students are free to choose four additional courses from a list of law-related courses offered across the College's curriculum. Students may substitute additional courses as electives with pre-approval of the minor's coordinator.

Completion of this minor exposes students to the major principles underlying American law, the case method of legal study, and the role of law in American society. The College's Pre-Law Advisor oversees the minor in Law & Justice and assists students in the program, providing them with career advice and assistance with the law school admission process.

Students choosing a minor in Law & Justice are strongly encouraged to select a complementary major in consultation with the College's Pre-law

Advisor. The Law & Justice minor is ideal for students majoring in several other programs offered at the College. Students interested in eventually pursuing a career in environmental law can pair the minor with a major in Environmental Studies. Those interested in a career in corporate law can combine a Law & Justice minor with a major in Business Administration or Management. A minor in Law & Justice could complement a major in International Relations and Global Affairs for those interested in going into the field of International Law.

Electives for the minor include the following courses:

AN 340S Conflict Studies  
CM 121 Fundamentals of Oral Communication  
CO 122 Analytic & Persuasive Writing  
HI 336H Civil Rights Movement: 1945-75  
HD 387 Forensics and Human Behavior  
MN 278S Business Law  
PL 102M Introduction to Logic  
PO 243S Human Rights & International Law  
PO 301S Constitution & Government Power  
PO 302S Constitution & Individual Rights  
PO 304S U.S. Congress  
PO 343S International Environmental Law  
PO 421S Comparative Judicial Politics  
SO 221 Juvenile Delinquency  
SO 224S Criminology  
SO 324 Introduction to Criminal Justice  
SO 404 Crime, Justice and Ethics  
Literature and Law (Winter Term)  
Independent Studies (as approved)

### LEADERSHIP STUDIES

The Leadership Studies minor includes six courses from the approved list of courses. These courses address theory, skills, and values and expose students to a multitude of relevant dimensions of scholarship about leadership. In addition, students must complete a major project, internship, or practicum in which they demonstrate significant leadership.

**Complete five of the following courses from the first two groups:**

#### Theory/Scholarship (select 3)

MN 110S Principles of Management & Leadership  
HD 207S Group Dynamics  
EC 301S Leadership: The Human Side of Economics  
MN 312 Women and Leadership  
MN 371 Organizational Behavior & Leadership  
MN 385 Leadership of Complex Organizations  
MN 387 Interpersonal Managerial Competencies  
HD 404 Leadership & Administrative Dynamics  
MN 411 Social Entrepreneurship

**Skills (select 2 – no more than one from each discipline)**

FD 1 Leadership & Self Discovery Practicum  
 TH 101A The Human Instrument  
 TH 163A Basic Acting  
 CM 121 Fundamentals of Oral Communication  
 CM 223 Argumentation & Debate  
 CO 122 Analytic & Persuasive Writing  
 CO 328 Advanced Research Writing

**Complete one of the following courses or an independent course or project which demonstrates significant leadership:**

CR1/2 Resident Advisor Internship  
 HD 405 Practicum in Group Process  
 MN 480 Proctoring in Principles of Management  
 MN 482 Proctoring in Organizational Behavior

All courses for the minor must be passed with a grade of C- or better.

**LETTERS****LT 200H Figures of Justice and Service**

An examination of well known figures of service and justice such as Nelson Mandela, M.K. Gandhi, Aung San Suu Kyi, Jane Addams, Martin Luther King, Jr. and others. Site visits to local agencies and community service to explore contemporary issues in the context of these great writers.

**LT 202 Service and the Urban Poor**

An exploration of the relevant social issues in major urban areas via community service-learning. Site visits to local agencies and community service to explore contemporary issues related to the urban poor.

**LITERATURE**

The literature major offers a broad survey of great writing from English, American, and world contexts, combined with the opportunity to study selected genres, periods, and authors in depth. Students who major in literature work closely with literary texts, developing competencies in analysis, interpretation, imaginative and critical thinking, and research. At the same time, they are regularly challenged to hone their skills in reading, writing, speaking, and discussion. Many successfully pursue double majors or minors in closely related disciplines such as Classics, Philosophy, Religious Studies, Creative Writing, Theater, and a modern language, and go on to graduate, professional, and law schools as well as to a wide variety of careers.

Students must have a Mentor from among the full-time literature faculty, normally chosen by the Junior year, and must take a minimum of ten literature (LI)

courses, including at least one course from each of the five areas below. Four of the LI-designated courses must be at the 300 level or higher. Two of the ten required courses may be chosen from a list of literature-related offerings from other disciplines, approved by the discipline coordinator each year. To complete the major, students must take LI 498, the comprehensive examination in Literature. In exceptional cases, students who have established their proficiency in literature may be invited to write a Senior thesis in place of the comprehensive examination.

For a minor in literature, students take five courses which bear the LI designation. Three must be Eckerd College courses, and two LI courses must be 300 level or higher. A Writing Workshop course may be substituted for one of these courses.

Students wishing to double major in literature and creative writing must fulfill the requirements for both majors, but all LI courses may count toward both majors.

Courses in each required area will be offered regularly. A sample list of courses in each area is provided below.

Choose at least one course from each area below. Specific courses offered will vary from year to year, and additional courses may fulfill area requirements as announced by the discipline:

**AREA 1:****ENGLISH LITERATURE PRE-1800**

LI 235H Introduction to Shakespeare  
 LI 238H English Literature I: To 1800  
 LI 303H 18th Century British Literature  
 LI 308H Poetry of Shakespeare's Age  
 LI 327 Chaucer to Shakespeare  
 LI 425 Seminar on Shakespeare

**AREA 2:****ENGLISH LITERATURE POST-1800**

LI 239H English Literature II  
 LI 319H British Romantic Poetry  
 LI 320H Modern British Poetry  
 LI 322H Modern British Fiction  
 LI 435 T.S. Eliot: Poetry/Prose

**AREA 3:****AMERICAN LITERATURE**

LI 221H American Literature I  
 LI 222H American Literature II  
 LI 228H The American Short Story  
 LI 241H Major American Novels  
 LI 325H Modern American Poetry  
 LI 381H Contemporary American Fiction  
 LI 382H Contemporary American Poetry  
 LI 403H American Fiction Since 1950

# Literature

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## AREA 4:

### COMPARATIVE LITERATURE

- LI 212H Introduction to Comparative Literature
- LI 214H Literature and Women
- LI 236H History of Drama I
- LI 237H History of Drama II
- LI 244G Postcolonial Literature
- LI 281H Rise of the Novel
- LI 282H The Modern Novel
- LI 329H Literature, Myth, and Cinema
- LI 340H Literature and Art of the Great War
- LI 344H Literature, Art, & Ideas: 1850-1950
- LI 348H Literature after Auschwitz
- LI 372 Tragedy and Comedy

## AREA 5:

### LITERARY CRITICISM

- LI 361 Literary Criticism

#### LI 101H Introduction to Literature: Short Fiction

Short stories and novels, concentrating on critical thinking, clear, concise written and spoken exposition, and values embodied in great works. Attendance is required.

#### LI 104H The Stranger in Literature

Stories, poems, and plays about cross-cultural interaction, drawing on examples from the Bible and classical antiquity to the present. Emphasis on interactions between Americans and Europeans and between Western and non-Western cultures.

#### LI 109H Poetry, Imagination, Nature

Introduction to poetry, with the emphasis on formal issues (diction, imagery, rhythm, etc.), human consciousness (imagination, values), and the world of nature. Readings of representative English and American poems.

#### LI 195H Four Authors

Study the literary work of four authors (will vary according to the year, the instructor, student suggestions, etc.) but will represent different times and places and the four basic genres of drama, poetry, fiction, and non-fiction.

#### LI 201H Introduction to Children's Literature

Fable, fairy tale, short story, poetry, novel, information books, children's classics. Young readers and their development. Integration of visual and literary arts.

#### LI 205H Woman as Metaphor

Investigating European, Canadian and American literature with emphasis on metaphors for women, what it is to be human, and values choices. Conceptions of women through the ages as presented in literature.

#### LI 209H Religion and Literature

Readings by writers through the ages who have dealt with religious experience. Stories, poems, and novels, by such figures as Dante, Milton, Hopkins, Graham Greene, C. S. Lewis, W. H. Auden, and Flannery O'Connor.

#### LI 210H Human Experience in Literature

Theme-based introduction to literature. Basic human experiences (innocence/experience, conformity/rebellion, love/hate, death) approached through poems, stories, and plays from 400 B.C. to the present.

#### LI 212H Introduction to Comparative Literature

Key texts in European and world literature studied comparatively and in relation to philosophy and visual art. Authors will vary from year to year but may include Aeschylus, Dante, Goethe, Baudelaire, Tolstoy, and Beckett.

#### LI 214H Literature and Women

Poems, plays, novels, stories by or about women of various cultures and languages, primarily over the past 200 years. Readings in social and political movements that shaped writer and her world.

#### LI 221H American Literature I

Literature of 17th, 18th and 19th century America. The development and transfiguration of American attitudes toward nature, religion, government, slavery, etc., traced through literary works.

#### LI 222H American Literature II

Readings from American writers from the 1860s to present. Stories, poems and plays by such writers as Dickinson, Twain, James, Wharton, Pound, Frost, Stevens, O'Neill, Hemingway, Faulkner, Fitzgerald, O'Connor, and Ellison.

#### LI 224H Southern Literature

Southern novels, short stories and plays, identifying what is "Southern" about them. Works by McCullers, Warren, Faulkner, O'Connor, Percy, Price, Porter, Gaines. Attendance required.

#### LI 228H The American Short Story

Introduction to genre and survey from the mid 19th century to present. Major writers including Hawthorne, Melville, James, Wharton, Hemingway, Faulkner, O'Connor, and range of contemporary writers. Films: American Short Story series.

#### LI 235H Introduction to Shakespeare

Shakespeare through sampling each dramatic genre: comedy, tragedy, history and romance. Learn to appreciate and evaluate his writings, and the characteristic distinctions among the genres.

**LI 236H Great Plays: History of Drama I**

Two semester course; either may be taken independently. Part I includes Greek drama through the Restoration and 18th century. Part II includes pre-modern, modern and contemporary classics.

**LI 237H Great Plays: History of Drama II**

Two semester course; either may be taken independently. Part I includes Greek drama through the Restoration and 18th century. Part II includes pre-modern, modern and contemporary classics.

**LI 238H English Literature I: to 1800**

General survey from the Old English to the Neoclassic period, highlighting the historical traditions which the authors create and upon which they draw.

**LI 239H English Literature II**

General survey of British literature from 1800 to the present, including Romantic, Victorian, modern, and contemporary writers. Attention to historical tradition and outstanding individual artists.

**LI 241H Major American Novels**

Major American novels, their narrative art, their reflection of American culture, their engagement of the readers' hearts and minds, exploring some of life's great questions as revealed by masterful writers.

**LI 244G Postcolonial Literature**

An introduction to major postcolonial writers, primarily from South Asia, Africa, and the Caribbean. Authors may include Chinua Achebe, Aime Cesaire, J.M. Coetzee, Jamaica Kincaid, and Jean Rhys.

**LI 250H Children's Literature**

(Directed Study) The best of children's literature in various genres. Students do either a creative (e.g., writing children's story) or scholarly (e.g., essay on history of nursery rhymes) project.

**LI 251H Shakespeare**

(Directed Study) For students unable to enroll LI 235H Introduction to Shakespeare or those wishing to pursue further work on Shakespeare independently.

**LI 281H Rise of the Novel**

Some of the great works of the Western tradition, the fantastic and the realistic, following the guided dreams of narrative and its exploration of our imaginations and our worlds.

**LI 282H The Modern Novel**

Modern writers and some of the questions of modern times: alienation, depth psychology in fiction, assessments of technology and urban life, sources of hope in humanism and literary art.

**LI 303H 18th Century British Literature**

Readings of major writers, including Pope, Swift, and Johnson. Emphasis on neo-classical forms and on satire/social context of art. Freshmen: Instructor's permission.

**LI 314G Caribbean Literature and Film**

Major writers and filmmakers from the English-, French-, and Spanish-speaking Caribbean. Particular attention to questions of postcolonial identity, culture and globalization, and relationships between literature and film. All texts in translation.

**LI 319H British Romantic Poetry**

Major poetry (and relevant prose) of Romantic era (1798-1832). Poets: Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats. Major themes: Nature, Self (individualism, consciousness), Transcendence (God), and Art / Poetry. Related themes: Industrial revolution, social change, Romantic painting.

**LI 320H Modern British Poetry**

Readings of major British poets from the 1880's through the 1930's including Hardy, Yeats, Eliot, and Auden. Supplementary materials in criticism and philosophy. Freshmen require instructor's permission.

**LI 322H Modern British Fiction**

Readings of late 19th, early 20th century novels by writers such as Conrad, Joyce, Woolf, Mansfield and Lawrence. Course includes film. Focus on experimental works and artists. Freshmen require instructor's permission.

**LI 323H Victorian Poetry and Poetics**

Readings of late 19th century British poets, including Tennyson, Browning, Arnold, and Hopkins. Supplementary critical readings. Freshmen require instructor's permission.

**LI 325H Modern American Poetry**

Major American poets from 1900, concentrating on the image of American and the development of modernism. Poets include Frost, Pound, Eliot, Williams, Stevens, Marianne Moore, Elizabeth Bishop, Robert Lowell, Richard Wilbur, Denise Levertov.

**LI 327 Chaucer to Shakespeare**

Survey of major authors and forms of earlier English non-dramatic poetry, with emphasis on Chaucer, Spenser and Shakespeare. Prerequisite: LI 235H or LI 238H.

**LI 329H Literature, Myth, and Cinema**

Readings of myths used in ancient drama and modern literature/film. Writers include Homer, Aeschylus, Euripides; Conrad, Joyce, Mann. Directors include Coppola, Polanski and Kurosawa. Freshmen require instructor's permission.

## Literature

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### LI 338H 20th Century Drama: U.S./Britain

Representative dramatic forms through works by O'Neill, Williams, Miller, Eliot, Osborne, Pinter, Beckett, Arden, Stoppard, and the influences which helped shape modern drama.

### LI 340H Literature and Art of the Great War

Interdisciplinary (history, art, literature) and international (English, French, German) course on World War I. Readings include poems, stories, diaries, letters. Art includes Expressionism, Cubism, Surrealism. Films from Chaplin to present.

### LI 344H Literature, Art, and Ideas: 1850-1950

Focus: modern revolution in intellectual and artistic history. Attention to changes in society (urbanization, feminism), science (relativity, quantum mechanics), philosophy/social sciences (Nietzsche, Einstein, Freud), and related changes in art, music, fiction, poetry.

### LI 348H Literature after Auschwitz

Inquiry into the cultural significance of the Holocaust and the challenges of living in its aftermath through study of testimony, literature, visual art, film, philosophy, and memorials.

### LI 350H Modern American Novel

(Directed Study) Ten of twelve major American novelists of the first half of the 20th century from Dreiser through Richard Wright. Ideas, themes, and analysis of writing style.

### LI 361 Literary Criticism

Readings in literary criticism from classical, Renaissance, neo-Classical, and modern writers. Representative figures include Plato, Aristotle, Longinus, Sidney, Johnson, Coleridge, Arnold, and selected modern thinkers. Freshmen require instructor's permission.

### LI 382H Contemporary American Poetry

Poems of post-1950 American poets, various movements that developed and the values they represent, and the difficult relations between poet and society.

### LI 405 Literature and Ethics

What does it mean to act ethically? How might literature promote and/or undermine responsible thought and action? Readings to include philosophy (e.g. Kant, Levinas) and selected literary texts (e.g. Baudelaire, Melville, Lispector). Prerequisite: 300-level course in literature.

### LI 425 Seminar on Shakespeare

Plays and poems, language, structure, setting, characterization, themes, traditions. Limited to Senior Literature majors, with others by permission of instructor.

### LI 432 Major Authors

This course will focus on one or two important authors (John Milton; Donne and Jonson; Whitman and Dickinson; Flaubert; Charles Dickens; Joyce and Woolf, Ibsen and Miller, etc. Prerequisite: Junior/Senior status. Others by permission.

### LI 435 T.S. Eliot: Poetry/Prose

Poetry, plays, criticism of central figure in 20th century literature. Readings include *The Waste Land*, *Four Quartets*, *Murder in the Cathedral*, selected prose. Focus: formal/thematic elements, tradition, intellectual context. Prerequisite: Junior/Senior Literature majors only; others by permission.

## LONDON STUDY CENTRE

The Eckerd College London Study Centre is a centrally located 200-year old Georgian row house. The program is led by a different Eckerd College faculty member each term, who lives at the centre with the students. See **International Education** for course descriptions.

## MANAGEMENT

The Management major focuses on acquiring those competencies that constitute the accepted body of knowledge within the discipline as those competencies apply to management of small businesses and not-for-profit organizations (including governmental entities).

The competencies achieved in the Management major are the ability to:

- Analyze, within the context of the environment within which an organization operates, complex business problems, and apply appropriate techniques to solve these problems
- Evaluate and understand complex ethical issues and develop appropriate policies to address these
- Conduct quantitative analysis and research appropriate for management of organizations
- Understand and apply general management principles and skills, including organizational behavior and interpersonal communication, to engage in effective group work
- Communicate effectively, both orally and in writing

The course sequence for a major in management is as follows:

**Freshmen**

- MN 110S Principles of Management and Leadership
- MN 272S Management Information Systems
- MN 271S Principles of Accounting

**Sophomores**

- EC 281S Microeconomics
- EC 282S Macroeconomics (Micro and Macro may be taken in any sequence)
- MN 260M Statistical Methods in Management and Economics

**Juniors**

- MN 220 Quantitative Methods for Management and Economics (prerequisites: statistics, MN 272S, MN 271S, and EC 281S).
- IB 369S Principles of Marketing
- MN 371 Organizational Behavior and Leadership (prerequisites: Statistics and SO 101S)
- MN 377 Introduction to Business Finance (prerequisites: MN 272S, MN 271S, and one of either EC 281S or 282S) OR
- IB 378 Investment Finance (prerequisites: MN 271S and either EC 281S or 282S)
- Two Management Electives

**Seniors**

- Two Management Electives
- MN 498 Business Policy and Strategic Management (comprehensive in management) Fall or Spring Term of Senior year. Prerequisite: Senior standing and successful completion of the writing portfolio.

Management majors are required to complete each course with a grade of C- or better. Management majors are encouraged to minor in one of the traditional liberal arts.

A minor in management consists of six courses

- MN 110S Principles of Management and Leadership
  - MN 260M Statistical Methods in Management & Economics
  - EC 281S Microeconomics or
  - EC 282S Macroeconomics
  - MN 371 Organizational Behavior and Leadership
- and two of the following:

- MN 271S Principles of Accounting
- MN 377 Introduction to Business Finance
- IB 369S Principles of Marketing

All courses for the minor must be passed with a grade of C- or better.

**MN 110S Principles of Management and Leadership**

Introduction to interdisciplinary nature of management and leadership. Survey of historical development of management as a discipline, functional areas of management, comparison of management and leadership, contemporary issues in management and leadership.

**MN 220 Quantitative Methods**

A variety of mathematical tools are studied which are useful in helping managers and economists make decisions. Prerequisites: Statistics, MN 272S, EC 281S, and MN 271S.

**MN 242S Ethics of Management: Theory and Practice**

Ethical theories as they relate to personal and organization policies and actions. Analyzing situations which require moral decisions in the organizational context. Sophomore or higher standing.

**MN 260M Statistical Methods: Management and Economics**

Introduction to quantitative analysis in economics and management. Lectures and discussions of selected problems. Data analysis projects. Prerequisite: EC 281S, EC 282S, ES 172, HD 101S or MN 110S. Sophomore standing required.

**MN 271S Principles of Accounting I**

Accounting principles used in the preparation and analysis of financial statements, accumulation of business operating data and its classification for financial reporting. Balance sheets and income statements.

**MN 272S Management Information Systems**

Decisions that must be made by managers pertaining to computers and information systems. Computer terminology, hardware and programming, selecting computer and data base systems, etc.

**MN 278S Business Law**

Principles, rational and application of business law and regulations. Contracts, Uniform Commercial Code, creditors' rights, labor, torts and property, judicial and administrative processes.

**MN 310S Operations Management**

Concepts and applications in service and manufacturing sectors of global economy. Forecasting, product and process planning, facility location and layout, project management and operations scheduling, inventory planning and control, quality control. Prerequisite: Junior standing.

## Management

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### **MN 312S Women and Leadership**

(Directed Study) Do men and women have different leadership styles? What makes some women more successful than others? What obstacles do women face in becoming successful leaders? Analyze cases of classical and contemporary female leaders using contemporary leadership theories.

### **MN 345 Complex Organizations**

Sources, degrees and consequences of bureaucratization in a wide range of social organizations such as work, church, military, schools, hospitals. Prerequisites: PS 101S and MN 260M or MN 371.

### **MN 351E Technology, Society, and Environment**

Interdependent relationship of technological and social change with emphasis on evolution of models of production and service delivery, and organizational structure and functioning. Impact of demographic composition, environmental resources, economic and political structures.

### **MN 371 Organizational Behavior and Leadership**

Major factors affecting behavior in organizations. Motivation, group and team dynamics, macroorganizational factors, leadership. Prerequisite: Junior standing required. Prerequisites: MN 110S and MN 260M. Junior standing required.

### **MN 372 Principles of Accounting II**

The information utilized by operating management in decision making: determination of product cost and profitability, budgeting, profit planning, utilization of standard cost and financial statement analysis. Prerequisite: MN 271S.

### **MN 377 Introduction to Business Finance**

A survey of financial markets and institutions in both the public and private sectors and their impact on society. Prerequisites: MN 271S and one of EC 281S, EC 282S.

### **MN 385 Leadership of Complex Organizations**

Organizations are complex systems calling for leadership processes including the leader, the follower and the context to effect change. Analysis of systems, complex organizations, group, and intrapersonal factors viewed through the leadership process. Prerequisite: MN 110S.

### **MN 387S Interpersonal Managerial Competencies**

(Directed Study) Focus self-management via self-awareness, responsibility and accountability, active listening and feedback, conflict resolution, managing cultural diversity, building trust, and building effective teams. Strategies for enhancing the student's skills in each of these areas.

### **MN 401 Corporate Social Responsibility**

Size, structure and culture of corporate organizations and their policies, strategies and actions have significant social, economic, political, and environmental costs and consequences. Examines the impact of corporate social issues on each of these areas. Prerequisites: Either SO 101S or PS 101S and BE 160M; or MN 371.

### **MN 406S Non-Profit Management**

Application on the principal management functions to non-profit organizations, and relations among volunteer boards of directors and professional non-profit organization managers and interactions between fundraisers, program managers, and granting agency officials, and ethical issues.

### **MN 411 Social Entrepreneurship**

Delineating common and distinguishing features of social purpose businesses and entrepreneurial non-profits, rationale and means for developing partnerships between for-profit, non-profit, and civic organizations to pursue social entrepreneurship initiatives.

### **MN 479 Corporate Finance**

An advanced finance course dealing with foundations of financial management used in organization decision making. Prerequisites: MN 377, MN 272S or MN 378.

### **MN 480 Proctoring in Management**

For Senior management majors, leadership experience as group trainers. Prerequisites: MN 110S and permission of instructor.

### **MN 482 Proctoring in Organizational Behavior**

For Senior management majors, leadership experience as group trainers. Prerequisites: MN 371 and permission of instructor.

### **MN 498 Business Policy and Strategic Management**

Comprehensive examination requirement for management majors. Practicum in general management. Prerequisite: Senior standing and successful completion of the writing portfolio. Students may petition for enrollment if they are enrolled in no more than two 300-level courses.

## MARINE SCIENCE

The marine science major provides both an integrative science background and specialized foundation work especially suitable for students planning professional careers in marine fields.

Students majoring in any track of the marine science major are expected to be knowledgeable regarding fundamental concepts of biological, geological, chemical, and physical oceanography as well as research methods employed by marine scientists.

In addition, students are expected to be able to:

- synthesize information from the various marine science disciplines;
- speak professionally; and
- utilize bibliographic resources effectively and properly document them in a scientific report.

The B.A. degree is not offered.

Required for the B.S. are a core of 11 courses:

Biological Oceanography, Geological Oceanography, Chemical and Physical Oceanography, Marine Science Seminar, Fundamental Physics I and II, General Chemistry I and II, Calculus I and II, and Marine Science Comprehensive Exam or Senior Thesis.

In addition to the core, specified courses in one of the following four tracks must be included:

**MARINE BIOLOGY** - Marine Invertebrate Biology, Marine and Freshwater Botany, Cell Biology, Genetics and Molecular Biology Ecology, Comparative Physiology, and Organic Chemistry I.

**MARINE CHEMISTRY** - Organic Chemistry I and II, Analytical Chemistry, Marine Geochemistry, Physical Chemistry I or Physical Chemistry for Life Sciences, Instrumental Analysis, and one of the following: any 300+ level course in Chemistry or Marine Science or a 200+ level course in Mathematics.

**MARINE GEOLOGY** - Earth Systems History, Earth Materials, Earth Structure, Marine Stratigraphy and Sedimentation, and three of the following upper level geology courses: Coastal Geology, Marine Invertebrate Paleontology, Marine Geochemistry, Principles of Hydrology, and Solid Earth Geophysics. Statistics, GIS for Environmental Studies or Remote Sensing may be substituted for one upper level geology class.

**MARINE GEOPHYSICS** - Earth Materials, Earth Structure, Solid Earth Geophysics, Introduction to Computer Science, Calculus III, and Differential Equations, and one of the following upper level courses: Earth Systems History, Marine Stratigraphy and Sedimentation, Marine Invertebrate Paleontol-

ogy, Principles of Hydrology, Marine Geochemistry, Coastal Geology, GIS for Environmental Studies, Remote Sensing, or Linear Algebra.

General and Molecular Physiology may substitute for Comparative Physiology.

All marine science majors are encouraged to participate in an alternative field experience, which may include Winter Term or Sea Semester, their junior or senior year.

Majors must complete one of the following capstone experiences:

**Comprehensive Exam:** A thorough exam covering general oceanography and required courses within the track; offered during the Winter Term of a student's senior year.

**Thesis:** A formal thesis including original research in marine or related sciences. At least one marine science faculty member must be on the thesis committee.

Students who major in the marine science biology track may not major in biology, and students who major in the marine science chemistry track may not major in chemistry, and students who major in marine science geology or geophysics tracks may not major in geosciences.

All 100 and 200 level math and science courses required for the marine science degree must be completed with a grade of C- or better, with the exception of no more than two courses.

Possible sequence of courses:

### MARINE BIOLOGY TRACK

#### Freshmen

Biological Oceanography  
Geological Oceanography  
Calculus I

#### Sophomores

General Chemistry I and II  
Calculus II  
Cell Biology  
Genetics and Molecular Biology

#### Juniors

Marine Invertebrate Biology  
Marine and Freshwater Botany  
Ecology  
Organic Chemistry I  
Marine Science Junior Seminar

#### Seniors

Comparative Physiology  
Chemical and Physical Oceanography  
Marine Science Senior Seminar  
Physics I and II

# Marine Science

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## MARINE CHEMISTRY TRACK

### Freshmen

Biological Oceanography  
Geological Oceanography  
General Chemistry I and II  
Calculus I

### Sophomores

Organic Chemistry I and II  
Calculus II  
Physics I and II  
Analytical Chemistry

### Juniors

Chemical and Physical Oceanography  
any 300+ level course in Chemistry or  
Marine Science or a 200+ level  
course in Mathematics  
Marine Science Junior Seminar

### Seniors

Marine Geochemistry  
Physical Chemistry I or Physical Chemistry  
for Life Sciences  
Instrumental Analysis  
Marine Science Senior Seminar

## MARINE GEOPHYSICS TRACK

### Freshmen

Biological Oceanography  
Geological Oceanography  
Calculus I  
Earth Materials

### Sophomores

Earth Structure  
Calculus II  
Physics I and II  
Introduction to Computer Science

### Juniors

Solid Earth Geophysics  
General Chemistry I and II  
Calculus III  
Marine Science Junior Seminar

### Seniors

Differential Equations  
Upper-level geology elective  
Chemical and Physical Oceanography  
Marine Science Senior Seminar

## MARINE GEOLOGY TRACK

### Freshmen

Biological Oceanography  
Geological Oceanography  
Calculus I  
General Chemistry I and II

### Sophomores

Earth Materials  
Physics I and II  
Calculus II  
Earth Systems History

### Juniors

Earth Structure  
Marine Stratigraphy and Sedimentation  
Upper level geology elective or Statistics  
Marine Science Junior Seminar

### Seniors

2 Upper-level geology electives  
Chemical and Physical Oceanography  
Marine Science Senior Seminar

The minor in marine science consists of five courses to include the following: Biological Oceanography, Geological Oceanography, Chemical and Physical Oceanography, and two marine science courses above MS 210 (e.g., Marine Mammalogy, Marine Geochemistry, Marine Stratigraphy and Sedimentation, Comparative Physiology, or Ecology). These courses must not duplicate courses used by students to satisfy major requirements.

See **Biology** for course descriptions for the following: BI 301 Ecology, BI 312 Plant Ecology, and BI 314 Comparative Physiology.

### **MS 101N Geological Oceanography**

Geologic history and processes, including the physical, chemical and biological processes, that influence the geological development of the world's oceans. Includes marine geological and geophysical exploration techniques and human impacts.

### **MS 102N Biological Oceanography**

The physical, chemical and geological processes that influence biological productivity as well as the distribution, abundance and adaptations of marine life in various environments of the world's oceans.

### **MS1 199 Marine Science Freshman Research - 1st semester**

Year long course designed for first year students interested in carrying out marine science research. Work closely with marine science faculty on various research projects. Enrollment by application. Two semesters equal one course credit. Evaluation is on a credit/no credit basis. The grade of Credit is comparable to work evaluated as C or better.

**MS2 199 Marine Science Freshman Research - 2nd semester**

Continuation of Marine Science Freshman Research. Two semesters equal one course credit. Evaluation is on a credit/no credit basis. The grade of Credit is comparable to work evaluated as C or better.

**MS 230E U.S. Regional Natural History**

The fauna, flora, geology, and geomorphic development of a given region of North America. Various regions will be studied in different years. Includes an extensive field observation travel component.

**MS 243 Earth Systems History**

Systems approach to the physical and biological history of the earth, including modern problems in paleontology and stratigraphy. Reconstruct and interpret Earth's history by treating the lithosphere, biosphere, hydrosphere, and atmosphere as parts of a single system. Prerequisite: MS 101N.

**MS 257 Earth Materials**

Rocks and minerals of the earth: mineralogy, petrography of igneous, sedimentary and metamorphic rocks. Prerequisite: MS 101N.

**MS 288 Marine and Freshwater Botany**

Diversity of marine and freshwater plants, their relationship to each other and to their environment. A survey of all plant groups is included. Field trips. Prerequisite: MS 102N and Sophomore standing.

**MS 289 Marine Invertebrate Biology**

Structural basis, evolutionary relationships, biological functions and environmental interactions of animal life in the seas, exploring the local area. Prerequisites: MS 102N and Sophomore standing.

**MS 302 Biology of Fishes**

Systematics, anatomy, physiology, ecology, and behavior of fishes. Laboratory includes field collecting, trips to local institutions, examination of anatomical features and systematic characteristics. Prerequisites: BI 200N, and Junior standing.

**MS 303 Solid Earth Geophysics**

Quantitative analysis of Earth structure and plate tectonics using earthquake seismology seismic reflection and refraction, gravity, magnetics, and heat flow. Prerequisites: MS 101N and MA 132M.

**MS 304 Marine Invertebrate Paleontology**

Morphology, classification, phylogeny, paleoecology of groups of marine invertebrate fossil organisms. Taphonomy, biostratigraphy, and the stages in the evolution of marine ecosystems. Field trips and labs. Prerequisite: MS 101N.

**MS 305 Marine Stratigraphy and Sediment**

Facies and basin analysis, sedimentary tectonics. Interpretation of clastic and chemical sedimentary rocks to infer processes, environments, and tectonic settings in the marine environment. Prerequisite: MS 101N.

**MS 306 Earth Structure**

Microscopic-to-macroscopic scale structures in rocks, field observations of stress and strain. Oceanic and continental structures, theory of plate tectonics. Prerequisite: MS 101N.

**MS 309 Principles of Hydrology**

The study of water: how rivers function, how water moves through the ground, pollution of water and other problems. Laboratory involving data collection, interpretation, computer work, field trips. Prerequisite: MS 101N or ES 211N.

**MS 311 Marine Mammalogy**

In-depth overview of marine mammals (whales, dolphins, manatees, seals, sea lions, etc.). Topics include marine mammal systematics, status, behavior, physiology, population dynamics, evolution, and management. Current periodical literature text readings are basis for discussions. Prerequisites: BI 101N, MS 102N, or ES 270N. Junior or Senior standing required.

**MS 313 Mangrove Biology and Ecology**

Mangroves support coastal food webs that rival rainforest productivity and are specially adapted to unique conditions. An understanding of the ecology of these charismatic and diverse communities and what threatens them will be studied. Prerequisites: BI 100N or MS 288.

**MS 315 Elasmobranch Biology and Management**

Systematics, evolution, ecology behavior, and anatomical and physiological adaptations of sharks and rays. Current scientific research, human impact, how populations can be managed. Prerequisites: BI 303 and Junior standing.

**MS 342 Chemical and Physical Oceanography**

Integrated study of chemical and physical ocean processes with emphasis on interactions with the biosphere, atmosphere, and lithosphere. Topics include biogeochemical cycling, primary production, and chemical tracers to study oceanic processes. Prerequisites: MS 101N, MS 102N, CH 122, and PH 241N.

### **MS 347 Marine Geochemistry**

Geochemical and biogeochemical processes in oceans. Fluvial, atmospheric, hydrothermal sources of materials, trace elements, sediments, interstitial waters, diagenesis and geochemical proxies of climate change. Prerequisite: MS 342.

### **MS 401 Coastal Geology**

Apply concepts learned in introductory-level courses to the coastal environment. Lab includes field trips to various environments on the Atlantic and Gulf Coasts of Florida, and aerial reconnaissance missions. Prerequisites: MS 101N and MS 305. Junior or Senior standing required.

### **MS1 410 Marine Science Junior Seminar**

Students take one semester of marine science seminar during the junior year and one semester of seminar during the senior year. Both MS1 410 Marine Science Junior Seminar and MS2 410 Marine Science Senior Seminar are required for one course credit. Juniors only.

### **MS2 410 Marine Science Senior Seminar**

Students take one semester of marine science seminar during the junior year and one semester of seminar during the senior year. Both MS1 410 Marine Science Junior Seminar and MS2 410 Marine Science Senior Seminar are required for one course credit. Seniors only.

## **MATHEMATICS**

Students majoring in mathematics acquire knowledge of the basic definitions, axioms and theorems of mathematical systems. They apply mathematical reasoning within many different contexts and they develop proficiency in computation.

The requirements for the mathematics major are:

- completion of MA 233M Calculus III
- completion of MA 410 Mathematics Seminar
- completion of MA 498 Comprehensive Exam or MA 499 Senior Thesis with a final grade of C- or better
- completion of eight additional mathematics courses numbered above MA 233M
- completion of five additional science or mathematics courses for a B.S. degree or one additional science or mathematics course for a B.A. degree

Student placement in first-year courses is determined by evaluation of high school mathematics transcripts with consideration given toward advanced placement in the curriculum.

A minor in mathematics is attained upon the completion of five mathematics courses with a grade of C- or better. Three of the courses must be numbered above MA 233M.

### **MA 104M Survey of Mathematics**

Applications of mathematics to real problems. Probability, statistics, consumer mathematics, graph theory and other contemporary topics. Students use calculators and computers.

### **MA 105M Precalculus**

Algebraic, exponential, logarithmic and trigonometric functions. Analytic geometry, curve sketching, mathematical induction, equations and inequalities.

### **MA 131M Calculus I**

First in three-course sequence. Techniques of differentiation and integration, limits, continuity, the Mean Value Theorem, curve sketching, Riemann sums and the Fundamental Theorem of Calculus. Applications in the sciences.

### **MA 132M Calculus II**

Continuation of MA 131M. Exponential, logarithmic and trigonometric functions, formal integration techniques, Taylor polynomials and infinite series. Prerequisite: MA 131M.

**MA 133M Statistics, an Introduction**

Concepts, methods and applications of statistics in the natural sciences. Elementary probability theory, random variables, discrete and continuous probability distributions. Statistics and sampling distributions, estimation and hypothesis testing, linear regression. Credit is given for only one of MA 133M or one of the behavioral science statistics courses, but not both.

**MA 233M Calculus III**

Continuation of MA 132M. Three-dimensional analytic and vector geometry, partial and directional derivatives, extremes of functions of several variables, multiple integration, line and surface integrals, Green's and Stoke's Theorem. Prerequisite: MA 132M.

**MA 234N Differential Equations**

Existence and uniqueness theorems, nth-order linear differential equations, Laplace transforms, systems of ordinary differential equations, series solutions and numerical methods. Prerequisite: MA 132M.

**MA 236N Linear Algebra**

Vector spaces, linear transformations, matrices, eigenvalues, eigenvectors and systems of linear equations. Prerequisite: MA 132M.

**MA 238 Optimization Techniques**

Classical techniques for optimizing univariate and multivariate functions with or without constraints. Linear programming through simplex method, duality theory. Non-linear programming through Lagrange multipliers, quadratic and convex forms. Prerequisite: MA 233M.

**MA 268N Learnability and Linguistic Theory**

This course introduces the student to language learnability theory within Optimality Theory. Topics will include formal grammars, linguistic typologies, optimization, efficiency of learning algorithms and learnability of grammatical systems. Prerequisite: MA 131M.

**MA 333 Probability and Statistics I**

First in two-course sequence covering probability theory, random variables, random sampling, various distribution functions, point and interval estimation, tests of hypotheses, regression theory, non-parametric tests. Prerequisite: MA 233M.

**MA 334 Probability and Statistics II**

Continuation of MA 333, which is prerequisite.

**MA 335N Abstract Algebra I**

First in two-course sequence covering integers, groups, rings, integral domains, vector spaces, development of fields. Prerequisite: MA 132M or MA 236N.

**MA 336 Abstract Algebra II**

Continuation of MA 335N, which is prerequisite.

**MA 339N Combinatorics**

Problem solving that deals with finite sets. Permutations and combinations, generating functions, recurrence relations, Polya's theory of counting, fundamentals of graph theory, difference equations and enumeration techniques. Prerequisite: MA 132M.

**MA 340 Dynamical Systems**

An introduction to dynamical systems, chaos and fractals. Dynamic modeling, stability analysis, bifurcation theory, strange attractors, self-similarity, iterated function systems. Prerequisite: MA 234N.

**MA 341 Numerical Analysis**

Methods for solving an equation or systems of equations. Interpolating polynomials, numerical integration and differentiation, numerical solutions of ordinary and partial differential equations, boundary value problems. Prerequisite: MA 233M.

**MA 351 Fourier Analysis**

Introduction to Fourier series, Fourier transforms and discrete Fourier transforms. Computer simulation and analysis of various physical phenomena using Fourier software packages, including the fast Fourier transform algorithm. Prerequisite: MA 234N.

**MA1 410 Mathematics Seminar -  
1st semester**

Required of all Juniors and Seniors majoring in mathematics. One course credit upon satisfactory completion of two-years participation. Mathematical processes from a historical and cultural perspective.

**MA2 410 Mathematics Seminar -  
2nd semester**

Continuation of Mathematics Seminar. Four semesters required for one course credit.

**MA3 410 Mathematics Seminar -  
3rd semester**

Continuation of Mathematics Seminar. Four semesters required for one course credit.

**MA4 410 Mathematics Seminar -  
4th semester**

Continuation of Mathematics Seminar. Four semesters required for one course credit.

**MA 411 Introduction to Topology**

Introduction to point-set topology emphasizing connectedness, compactness, separation properties, continuity, homeomorphisms and metric and Euclidean spaces. Prerequisite: MA 233M.

## Mathematics

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### MA 421 Partial Differential Equations

Initial and boundary value problems. Separation of variables, d'Alembert solution, Green's functions, Fourier series, Bessel functions, Legendre polynomials, Laplace transforms and numerical methods. Prerequisite: MA 234N.

### MA 433 Real Analysis I

First in two-course sequence covering point-set topology, limits, continuity, derivatives, functions of bounded variation, Riemann-Stieltjes integrals, infinite series, function spaces and sequences of functions. Prerequisite: MA 233M.

### MA 434 Real Analysis II

Continuation of MA 433, which is prerequisite.

### MA 445 Complex Analysis

Analytic functions, contour integrals, residues, linear transformations of the complex plane, Laurent Series, conformal mappings and Poisson Integrals. Prerequisite: MA 233M.

### MA 499 Senior Thesis

Senior mathematics majors may, upon invitation of the mathematics faculty, do research and write a thesis under the direction of a member of that faculty.

## MUSIC

The music major provides students with an understanding of the Western art music tradition and the other music traditions which have shaped it through a series of combination theory/music history courses and complementary performance courses. Consistent with the expectations of graduate programs in music, students completing a music major should be able to:

- demonstrate listening, sight singing, keyboard and written theory skills at a high intermediate level
- analyze and discuss musical works from a theoretical and historical perspective, both in oral presentations and in formal essays
- apply a wide variety of music research materials to their own analytic and performance projects
- demonstrate familiarity with the major genres, styles and composers associated with the music of the West, as well as familiarity with a number of music types outside the Western classical mainstream
- perform on voice or an instrument at more than an intermediate level, both from a technical and interpretive standpoint.

The five required introductory courses, ideally completed no later than the end of the Sophomore year, are MU 145A Tonal Theory Ia, MU 146 Tonal Theory Ib, MU 221A Introduction to Music Literature, either MU 326E American Musical Landscape or MU 356G World Music, and either MU 245A Choral Literature and Ensemble or MU 246A Instrumental Ensemble. Entry into MU 145A assumes note reading and notation skills, the ability to recognize intervals, triads and common scale patterns by ear, as well as basic keyboard skills. These skills may be demonstrated through a placement test or successful completion of MU 101A Music Fundamentals. Competency on an instrument or in voice at an intermediate or higher level is a requirement for completing the major. Enrollment in MU 442A Applied Music from the time a student enters the program is, therefore, highly recommended.

The four required advanced courses are MU 341 Renaissance and Baroque Music, MU 342 Classic Period Music, MU 443 Romantic Music, and MU 444 Modern Music. Students with plans to enter graduate school in any field related to music should expect to enroll in additional electives. Continued participation in either MU 245A Choral Literature and Ensemble or MU 246A Instrumental Ensemble, as well as in MU 442A Applied Music, is also strongly advised, and would be expected by most graduate programs. A comprehensive examination will be administered following a period of review in the senior year to determine competency in the academic and interpretive aspects of music. Advanced students may be invited to complete a thesis on an academic subject or in composition in lieu of the comprehensive exam. Highly skilled performers may be invited to present a senior recital as part of the Music at Eckerd series.

The minor in music consists of six courses as follows: four foundational academic courses: MU 145A Tonal Theory Ia, MU 146A Tonal Theory Ib, MU 221A Introduction to Music Literature, and either MU 356G World Music or MU 326E American Musical Landscape; at least one advanced academic course from the group MU 341, MU 342, MU 443 and MU 444; and a minimum of one performance course MU 245A Choral Literature and Ensemble, MU 246A Instrumental Ensemble or MU 442A Applied Music.

**MU 101A Music Fundamentals**

Reading pitches and rhythms, sight singing, basic keyboard performance. Musical patterns common in folk, popular and art music worldwide.

**MU 145A Tonal Theory Ia**

Tonal harmony, part-writing skills, primary triads and inversions, non-harmonic tones, sight singing, keyboard harmony. Lab component. Four semester hours of credit. Prerequisite: MU 101A.

**MU 146 Tonal Theory Ib**

Secondary triads, medieval modes, harmonic sequence, elementary modulation, continued part writing and analysis, ear training, sight singing, keyboard harmony. Lab component. Four semester hours of credit. Prerequisite: MU 145A or equivalent.

**MU 221A Introduction to Music Literature**

Focuses on significant composers, works, and forms, primarily from the Western art music tradition, through listening and analysis, writing and discussion, concert attendance and explorations of recorded music.

**MU1 245A Choral Literature and Ensemble - 1st semester**

Study and performance of masterworks of choral music. Concerts given both on and off campus. Smaller vocal ensembles chosen by audition from larger group. Two semesters required for one course credit. Admission by audition with instructor.

**MU2 245A Choral Literature and Ensemble - 2nd semester**

Continuation of MU1 245A. Two semesters required for one course credit. Admission by audition with instructor

**MU1 246A Instrumental Ensemble - 1st semester**

Participation in classical chamber groups, a wind ensemble, a world music improvisation ensemble, or an approved off campus ensemble. Concerts on and off campus. Four hours rehearsal per week. Two semesters earn one course credit. Audition with instructor required.

**MU2 246A Instrumental Ensemble - 2nd semester**

Continuation of MU1 246A. Two semesters required for one course credit. Placement audition with instructor required.

**MU 266A Music Projects I**

Opportunities for study in special topics in performance, research, and areas of study not provided for in regular semester courses, by permission of instructor.

**MU 326E American Musical Landscape**

Examines American music types from Native American, African American, Anglo American ritual and folk music to classical and popular music of the present in light of its connection to the natural environment. Freshmen with permission of instructor.

**MU 332A Topics in Music Literature**

Music of a particular period, genre, or composer in terms of musical style, cultural, historical, or biographical significance. Listening and discussion, development and application of descriptive terminology and research.

**MU 341A Renaissance and Baroque Music**

Western art music between 1400 and 1750 with emphasis on dance forms, sacred choral music, madrigals and other secular forms including opera. Research into performance practice and cultural context for each supplements listening and analysis. Counterpoint and analysis lab.

**MU 342 Classic Period Music**

Development of 18th century classical style through the music of Haydn, Mozart and Beethoven. Analysis lab. Prerequisites: MU 146, MU 221A and MU 356G.

**MU 356G World Music**

Music for ritual, work and play as well as art music traditions from various cultures around the world, including those of early Europe and the Middle East. Aural and videotaped recordings, readings in anthropology and aesthetics, live performances. Freshmen with permission of instructor.

**MU 361 Advanced Tonal Harmony**

A continuation of MU 146, from modulatory techniques through the chromaticism of the late 19th century. Lab component. Prerequisite: MU 146.

**MU 366A Music Projects II**

For advanced students who wish to pursue work on specialized topics, including composition. Permission of instructor required.

## Music

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### **MU1 442A Applied Music - 1st semester**

Studio instruction in voice, piano, organ, classical guitar, string, brass and woodwind instruments. One private lesson, and minimum of six hours per week individual practice plus four evening performance classes per semester. Two semesters required for one course credit. Permission of instructor required. Fee charged.

### **MU2 442A Applied Music - 2nd semester**

Continuation of studio instruction. Two semesters required for one course credit.

### **MU 443 Romantic Music**

A study of 19th century art music from late Beethoven through Schubert, Brahms, Chopin and Wagner, among others. Analysis lab. Prerequisites: MU 146 and MU 221A.

### **MU 444 Modern Music**

Beginning with the Impressionists, Neo-classicists and serialists and continuing to aleatoric, electronic and minimalist composers of the more recent past. Analysis lab. Prerequisites: MU 146 and MU 221A.

## NATURAL SCIENCES

### **NA 133N Earth History**

Geological and biological earth history beginning with our understanding of the evolution of the solar system and continuing through the advent of human history.

### **NA 160N Science: At the Cutting Edge**

Explore today's major scientific advancements in animal behavior, earth and space science, genetics, and new technologies. This course personalizes science by illustrating its influence in daily and future life.

### **NA 164N Everglades: A Florida Treasure**

This field-based course explores how the Everglades developed, what makes it unique, and what conservation efforts are underway to save it. We will explore through outdoor activities, short papers, readings, and in-class presentations.

### **NA 173N Introduction to Environmental Science**

Environmental science strives to comprehend the nature and extent of human influences on natural systems. This course explores the science behind environmental issues using a case study approach. Not open to science majors.

### **NA 180N Weather**

This course studies atmospheric science and weather prediction. Particular topics include composition and structure of the atmosphere, energy flow, and weather.

### **NA 182E The Earth's Biodiversity**

An exploration of life on Earth to promote a greater understanding and appreciation of the impact of humankind on its living resources.

### **NA 200N Introduction to the Oceans**

Introduces non-science major to oceans: formation, chemistry, creation of weather, climate, currents, waves, and tides, and the interaction between ocean processes and the abundant and varied ecosystems that live within the oceans' realms.

### **NA 201E Ecosystems of Florida**

Ecosystems of west-central Florida, including the marine, freshwater, lowland and upland systems; study the biological interaction occurring in the ecosystem of the Tampa Bay region.

### **NA 201N The Marine Environment**

Designed for non-science majors/minors. Emphasis on use of the scientific method to address issues in the marine environment that influence the lives of the students. Topics include global warming and the biology of the oceans.

### **NA 202N Climate Change Science**

An introduction to current climate change science, including past climate change, predictions of future change, environmental impacts, and societal and individual responses, solutions and adaptations.

### **NA 205N The Scientific Method**

This course will examine how the scientific method works and how it can be applied to investigate questions that interest you. Find out how to ask hypothesis driven questions. Intended for non-majors.

### **NA 260E Ecology and Environment**

Relationships between organisms and their environments, including evolution, population and behavioral ecology, interspecific interactions, communities, and ecosystems. Application of ecological concepts to environmental issues. Not available for credit toward biology or marine science requirements.

### **NA 272N Interdisciplinary Science**

Explore a modern scientific world view from mathematical, biological, chemical, and physical perspectives. Human roles and responsibilities within nature and the natural environment. Investigate interactions between science and society.

## PHILOSOPHY

Students majoring in philosophy develop with their Mentor a program of study including a minimum of ten courses, including Philosophical Logic, Philosophical Writing and the History of Philosophy senior seminar; one ethics course; at least three courses from the History of Philosophy series (Ancient, Medieval and Renaissance, 17th and 18th Century, 19th Century, 20th Century); and other upper level courses focused on the student's particular philosophical interests. In addition, philosophy majors are expected to take complementary courses in other disciplines that provide background and breadth in their program of study.

Philosophy majors are to have a working knowledge of the issues and methods covered in their required courses in logic, ethics and the history of philosophy sequence, in addition to those in their chosen upper-level area of focus. This competence and the ability to communicate it in speaking and writing is demonstrated by satisfactory completion of the courses in the philosophy major and of a Senior thesis or comprehensive examination in philosophy.

A minor in philosophy consists of five philosophy courses, including a logic course and at least one course from the history of philosophy sequence. An approved course must be developed in consultation with the philosophy discipline coordinator, and will usually include at least three upper-division courses (which may include the upper-division logic course and/or the history of philosophy course).

### PL 101H Introduction to Philosophy

Analyze philosophical issues concerning human nature, our relationship to the world around us, and major philosophical issues of value and meaning. Study works of several great philosophers to help students develop their own views.

### PL 102M Introduction to Logic

Methods of critical and logical analysis of language and thought. Helps develop critical, analytical reasoning and linguistic precision.

### PL 103G Introduction to Eastern Philosophy

(Directed Study Available) Philosophical questions on the nature of reality, society, and self in East Asian philosophy with emphasis on metaphysics and ethics.

### PL 104H Introduction to Ethics

Various systems for judging good and bad, right and wrong. Definitions of the good life, ethical theories and their application to issues such as abortion, civil rights, war and peace, censorship, etc.

### PL 220H Existentialism

A provocatively modern approach to many of the issues of the philosophical tradition; the existential foundations of art, religion, science and technology.

### PL 230H Philosophy of Religion

The conceptual aspects of religion: natural and supernatural, religious experience, sources of religious knowledge, faith and reason in the past and future. Offered alternate years.

### PL 240H Philosophy of Technology

Humans are the beings who reshape their environment. Is modern technology a refinement of tool-making, or something new? What has been the impact of technology on the essence of being human?

### PL 243E Environmental Ethics

A philosophical investigation of our relationship to the natural environment, and how these considerations affect our moral obligations to other people, as well as future generations.

### PL 244H Social and Political Philosophy

Major social and political theories that have been influential in the West. Contemporary political theory examined in light of classical tradition and historical movements. Offered alternate years.

### PL 246H Philosophy and Film

Simultaneously an introduction to the philosophy of film and an introduction to philosophy, this course will use an examination of mostly non-conventional films as a starting point for considering philosophical themes.

### PL 250H Mind and Body: Philosophical Explorations

What is mind? How is it related to matter? Examine ways that these and related questions have been addressed throughout the history of philosophy, and discover in the process what it means to think philosophically

### PL 263H Aesthetics

Examine various answers to questions asked from ancient times by philosophers, artists and other thoughtful people about the nature of art, beauty, and the role of the arts and artists in society. Prerequisite: Western Heritage.

### PL 300E Nature and the Contemplative Tradition

Nature as explored by contemplative traditions within philosophy, mysticism, poetry, and nature writing as both competitors and alternatives to scientific rationality. Texts drawn from both ancient and modern sources, and from several cultural and religious traditions.

# Philosophy

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## **PL 303G Individual/Society - Chinese Thought**

Analyze ideas of human nature, the individual's relationship to social order, and ways individuals have expressed dissent from social norms in the Chinese tradition. Classical philosophy to current events and the debate on human rights.

## **PL 304H Seminar in Chinese Thought: Taoism**

Explore philosophical issues in Taoism in a historical and comparative framework. Emphasis on Taoist epistemology, ontology, ethics through study of classic texts, commentary tradition, and comparative works in Buddhist, classical Greek, and modern Western philosophy. Prerequisite: EA 201G, or PL 103G.

## **PL 310E Ideas of Nature**

Ancient Greek cosmology, Renaissance view of nature, modern conception of nature. What nature is, how it can be studied, how we should relate to it. Primary approach is critical, historical analysis of primary texts.

## **PL 311H Major Philosophers**

An intensive study of a single major philosopher. May be taken more than once for credit with focus on different philosophers.

## **PL 312H American Philosophy**

Major trends and emphases in American philosophy from the colonial period to the 20th century. Prerequisite: some background in the humanities.

## **PL 314H Philosophy of Love and Death**

Experiencing love and facing our mortality compel us to ask fundamental questions concerning human existence. This course considers how ancient and modern philosophy construct our conceptions of intimacy, friendship, death, and the afterlife. Prerequisites: WH 181 and WH 182.

## **PL 321H History of Philosophy: Greek and Roman**

The rise of philosophy, 600 B.C. A.D. 100, with emphasis on natural philosophy. Pre-Socratics, Sophists, Stoics, Epicureans, Plato and Aristotle. Offered alternate years.

## **PL 322H History of Philosophy: Medieval and Renaissance**

Philosophical thought from the fall of Rome through the rise of modern Europe, including developments in Jewish and/or Islamic, and Christian philosophy. Faith and reason, realism and nominalism, mysticism and rationalism, Platonism and Aristotelianism. Offered alternate years.

## **PL 323H History of Philosophy: 17-18th Century**

Descartes through Kant as response to the Scientific Revolution. Comparison of rationalism and empiricism.

## **PL 324H History of Philosophy: 19th Century**

Kant, German Idealism, Utilitarianism, social and scientific philosophy, existentialism, Hegel, Schopenhauer, Marx, Kierkegaard, Nietzsche, others.

## **PL 325H History of Science**

Physical science from 600 B.C. A.D. 1700. Major discoveries and scientists, different approaches to science, the interrelationship between science and society.

## **PL 342H 20th Century Philosophical Movements**

Development of philosophical analysis and existentialism as the two main philosophical movements of the 20th century. May be taken more than once for credit with focus on different philosophers. Freshmen require permission of instructor.

## **PL 345H Philosophical Logic**

Advanced study of logic, with special emphasis on formal or symbolic logic, considered both as a tool for assessing arguments and as a subject matter for philosophical thought. Prerequisite: PL 102M.

## **PL 348H Philosophical Theology**

A philosophical study of the nature of God and the relation of God and world, based on readings from early Greek philosophy to the present. Prerequisite: some background in philosophy or religion.

## **PL 349G Native American Thought**

This course focuses on the nature of Native American thought; explores the differing assumptions, methods, and teachings connected with the pursuit of wisdom, with special attention to metaphysics and ethics.

## **PL 350 Philosophical Writing**

Readings of exceptional philosophical texts combined with a wide range of writing assignments, to culminate in a publishable essay. Course intended to prepare students for graduate-level research and writing in philosophy and related fields.

## **PL 360H Philosophy of Science**

Recent controversies on the scientific explanation between formal logical analysis and the informal, heuristic approach. Analysis of laws and theories. Examples from the history of science. Offered alternate years.

**PL 361H Contemporary Ethical Theory**

Major contemporary schools of thought in moral philosophy. Prerequisite: some background in philosophy, religious studies, psychology, literature or related disciplines.

**PL 362H Contemporary Political Philosophy**

Major contemporary schools of thought in political philosophy. Prerequisite: some background in philosophy, political science, history, economics, American studies or literature.

**PL 365 Philosophy of History**

Does history have a meaning? Is it leading anywhere? Does history result in anything that is genuinely new? Or is it an "eternal recurrence of the same"? Especially useful for students of history, literature, religious studies, and philosophy. Prerequisite: some background in the humanities.

**PL 367 Philosophy and Myth**

Seminar course that examines relationship between mythic and rational consciousness in the context of current trends in the philosophy of the imagination.

**PL 370H Mysticism and Logic**

Discursive rationality (ratio) versus a higher mode of knowing (noesis). Examine central concepts within philosophical tradition itself, as well as through a philosophical study of comparative mysticism, with special attention to its cognitive claims.

**PL 403 Contemporary Philosophical Methodologies**

Intensive investigation of contemporary approach to philosophical method, designed to help students practice philosophy in an original manner. May be taken more than once for credit in order to study different methodologies.

**PL 498 History of Philosophy Seminar and Senior Comprehensive Exam**

Study major philosophical movements with emphasis on the classical problems of philosophy. Completes the history of philosophy sequence. Senior comprehensive examinations on the history and terminology of philosophy, including an oral defense of the Senior Essay.

**PHYSICAL EDUCATION****PE 200 Coaching and Sports Performance**

How motivational techniques can enhance performance on and off the field. A comprehensive review of the major trends in motivation, attentional focusing, goal setting, anxiety and arousal, relaxation techniques, and team building will be examined.

**PE 321 Athletic Coaching**

Social-psychological problems of coaching today, the role of sports, developing a philosophy of coaching. Sports programs from youth leagues to collegiate athletics. Teaching styles, training, sports psychology.

**PHYSICS**

Students who major in physics develop competency in using scientific methodology: in creating mathematical models of real-world systems, manipulating these models to obtain predictions of the system's behavior, and testing the model's predictions against the observed real-world behavior. Mechanical, electro-magnetic, thermodynamic, and atomic/molecular systems are among those with which students become familiar in the building and testing of theoretical models. Problem-solving and quantitative reasoning are among the skills which are developed.

For the B.A. DEGREE, students majoring in physics normally take the following courses:

Fundamental Physics I and II  
 Modern Physics  
 Electronics Laboratory  
 Classical Mechanics  
 Electricity and Magnetism I and II  
 Quantum Physics I  
 Calculus I, II, and III  
 Differential Equations  
 Physics Comprehensive Exam

For the B.S. degree, additional courses required are:

Quantum Physics II  
 Advanced Physics Laboratory  
 Statistical Mechanics in Thermodynamics

A minor in physics requires the completion of five physics courses with a grade of C- or better, of which at least three are numbered above PH 242.

An example of a program of courses leading to a B.S. in physics:

# Physics

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## Freshman

Calculus I and II  
Fundamental Physics I and II

## Sophomore

Calculus III  
Differential Equations  
Modern Physics  
Electronics Laboratory

## Junior

Electricity and Magnetism I and II  
Classical Mechanics  
Advanced Physics Laboratory

## Senior

Quantum Physics I and II  
Statistical Mechanics in Thermodynamics  
Linear Algebra (or other math elective)  
Physics Comprehensive Exam

In addition, physics majors are expected to enroll in the Physics Seminar during their Junior and Senior years. This course meets once per week and one course credit is given for four semesters participation.

### PH 214E Energy and the Environment

Options available to societies in producing energy, the consequences of each choice, and the different sets of values implicit in the choices.

### PH 217N Evolving World-View of Science

What distinguishes science as an investigatory tool and gives it such power? How does the universe as presented by modern science compare with religious and philosophical ideas? This course traces the development of scientific understanding.

### PH 241N Fundamental Physics I

Kinematics and dynamics for linear and rotational motion, Newton's laws of motion, gravity. Concepts of work, energy, momentum, angular momentum and conservation laws. Oscillatory motion, fluids. Calculus based, with laboratory. Corequisite: MA 131M.

### PH 242 Fundamental Physics II

Temperature, gas laws, first and second laws of thermodynamics, entropy. Electric charge, fields, current, DC circuits. Magnetic fields and forces, Ampere's law, and Faraday's law of induction. Geometrical and physical optics. Calculus based with laboratory. Prerequisites: PH 241N and MA 131M.

### PH 243 Modern Physics

Special relativity. Problems with classical theory and development of quantum mechanics. Solutions of Schrodinger equation for one-dimensional potentials, harmonic oscillator, hydrogen atom. Elementary quantum treatment of molecules and solids. Prerequisite: PH 242 and MA 132.

### PH 244 Electronics Laboratory

First principles of analog and digital electronic circuit theory, basic operation of electronic circuits, instruments, utilizing modern electronic technique and instrumentation. Prerequisite: PH 242.

### PH 245 Computer Models in Science

Introduction to computational science through physical, chemical, geological and biological examples. Modeling of various dynamical systems like planets, molecules and populations by programming a computer. Learning software programs to visualize results. Prerequisites: PH 242 and CS 143M. Fulfills a computational science minor requirement.

### PH 320 Optics

Wave motion, electromagnetic theory, photons, light and geometric optics, superposition and polarization of waves, interference and diffraction of waves, coherence theory, holography and lasers. Prerequisites: MA 132M and PH 242.

### PH 330 Statistical Mechanics/ Thermodynamics

Fundamental concepts of thermodynamics including first, second and third laws; thermodynamic potentials. Development of the Maxwell-Boltzmann, Fermi-Dirac, and Bose-Einstein distribution functions. Prerequisite: PH 243.

### PH 341 Classical Mechanics

Particles and rigid bodies, elastic media, waves, Lagrangian and Hamiltonian formulations of dynamics. Prerequisites: PH 242 and MA 234N.

### PH 342 Electricity and Magnetism I

Maxwell's equations in the study of electric and magnetic fields, AC and DC circuits. Electromagnetic wave theory introduced. Prerequisites: PH 242 and MA 234N.

### PH 343 Electricity and Magnetism II

Continuation of PH 342. Electrodynamics, electromagnetic waves, and special relativity. Prerequisite: PH 342.

### PH 345 Advanced Physics Laboratory

Advanced instrumentation and analysis techniques. Develop laboratory abilities utilized in physics, especially as applied to modern optics. Two lab sessions a week. Prerequisites: PH 241N and PH 242.

### PH 410 Physics Seminar - 1st Semester

Required of all Juniors and Seniors majoring in physics. One course credit upon satisfactory completion of two year participation. Topical issues in physics.

**PH2 410 Physics Seminar - 2nd Semester**

Continuation of Physics Seminar. Four semesters required for one course credit.

**PH3 410 Physics Seminar - 3rd Semester**

Continuation of Physics Seminar. Four semesters required for on course credit.

**PH4 410 Physics Seminar - 4th Semester**

Continuation of Physics Seminar. Four semesters required for one course credit.

**PH 443 Quantum Physics I**

Modern quantum theory and relativity. Comparison of classical and quantum results. Prerequisite: PH 243.

**PH 444 Quantum Physics II**

Three-dimensional wave equation and application to hydrogen atoms. Identical particles introduced with emphasis on low- energy scattering. Prerequisite: PH 433.

**PH 499 Independent Research - Thesis**

Outstanding students majoring in physics normally are invited to engage in active research and to prepare a thesis in lieu of a Senior comprehensive exam.

**POLITICAL SCIENCE**

Students choosing to major in political science gain fundamental understanding of American government, how our governmental system compares with other major political systems, and how the U.S. interrelates with the rest of the world. Majors gain competence in political analysis and research skills as well as an understanding of political power, government institutions, international affairs, and political theory.

Students majoring in political science affiliate with either the Letters or Behavioral Science Collegium, depending on their individual career or research plans. Both collegial tracks require the completion of Introduction to American National Government and Politics, Introduction to Comparative Politics, and Introduction to International Relations. Beyond the three introductory courses, all students must complete six additional non- introductory political science courses including at least one from each field within political science. All political science majors must also complete Political Science Research Methods and the political science Senior Seminar. The typical course sequence for political science majors includes the completion of three introductory courses in their first year, followed by an individually tailored set of upper-division courses.

Students with specific career or research interests not adequately covered by the discipline may substitute one course from another discipline for one upper-level political science course with prior approval of the political science faculty. Students are encouraged to explore their career or research interests through an appropriate internship. With the approval of the political science faculty, one internship may fulfill a political science major requirement. One winter term project may also be accepted toward degree requirements in political science.

Students may earn a minor in political science with successful completion of PO 102S, either PO 103G or PO 104G, and any four additional non-introductory courses spread across the political science faculty.

**PO 102S Introduction to American National Government and Politics**

American democratic theory, political parties, interest groups, presidential selection and functions, Congress, Supreme Court, federal bureaucracy, and several major areas of policy making conducted by the national government.

**PO 103G Introduction to International Relations**

Origins and structure of the international system; key actors, theories and concepts; global issues facing states and citizens, such as war, wealth and poverty, hunger and environment, and global justice.

**PO 104G Introduction to Comparative Politics**

Comparing national governments and politics by looking at development/political economy, nationalism, ethnicity, culture, gender, democratization, political institutions, state-society relations, parties. Cases include: UK, France, Germany, Japan, China, others.

**PO 200S Diplomacy and International Relations**

Addresses challenges of dissolving global boundaries of international society. Uses case studies to examine how international actors with enduring cultural differences promote cooperation for mutual gain, advance national interests, and resolve differences through negotiation and compromise.

**PO 201S Power, Authority and Virtue**

Close reading of classic texts in political theory aimed at examining the dynamics of power and virtue in political life.

### **PO 202E Public Policymaking in America**

Introduction to the general policy-making process. Formulation of new policies and programs, implementation, evaluation of federal programs. Policy areas such as unemployment and environment.

### **PO 211G Inter-American Relations**

Historical examination of continuities and changes in U.S. policy toward Latin America from Monroe Doctrine to present, from a range of ideological and scholarly perspectives. Prerequisite: one introductory level political science course or Latin American Area Studies recommended.

### **PO 212S U.S. Foreign Policy**

History of U.S. diplomacy and foreign policy; structure and process of U.S. foreign policy making; contemporary challenges and policy alternatives facing policy makers and citizens alike. Prerequisite: one introductory level political science course recommended.

### **PO 221S Politics of Revolution and Development**

Causes and nature of political violence and revolution as related to human behavior theory. Theories on causes of revolution, concepts of liberation, consequences and responsibilities of interstate relations during times of crisis. Recommended PO 102S and either PO 103G or PO 104G.

### **PO 222 Political Ideologies**

The role, function and origin of ideology in politics. Comparative political ideologies such as Fascism, Nazism, Anarchism, Socialism, Communism, Corporatism, Capitalism/Liberalism, domestic and international forms of terrorism.

### **PO 223S American Political Thought**

What does it mean to be American in the 21st Century? Origins of American political ideas, major transformation in political thinking over time, a search for the American "place" in the world in 21st Century.

### **PO 231G East Asian Comparative Politics**

Domestic politics of China, Taiwan, Japan, North and South Korea. Parties, state-society relations, culture, militaries, and how democracy is defined and practiced in each polity. Recommended: one introductory political science course.

### **PO 232G The Pacific Century**

The rise of Asia (India, SE Asia, China, Japan, Korea, Russian Far East), local, regional, global implications. East Asian Developmental State Model; "Asian values;" human rights; regional financial/trade interdependence; relationship between growth and geo-political shifts/rivalries.

### **PO 241S International Political Economy**

A review of three approaches to IPE: realist, liberal, and historical-structuralist. Four areas of world economic activity: trade, investment, aid and debt, and how global changes since WWII influence development choices for less developed countries.

### **PO 242S Politics of Defense: Economics and Power**

History, institutions, and operation of the defense economy in the U.S. Conflicting theories on the defense budget, military contracting, and economic rationales for U.S. military policy. The economic impact of different military policies in the current era.

### **PO 243S Human Rights and International Law**

International human rights issues: political, economic, social, cultural. Role of United Nations and other international organizations in forming and implementing human rights standards. Topics include women's rights, protection of minorities, and rights to economic subsistence.

### **PO 251S The Media and Foreign Policy**

Provides an understanding of the relationship between foreign policy, news and public opinion. Analyze how political actors view and communicate with the public; and, whether and how media coverage of foreign policy serves our democracy.

### **PO 252S Middle East Politics**

Introduces students to modern Middle East politics. To understand the political dynamic of the modern Middle East, this lecture course combines a cultural identity approach with more traditional international historical, political analyses.

### **PO 260M Political Science Research Methods**

Concepts, theories, practices of political science research methods. Ontology, epistemology, qualitative and quantitative methods. Univariate, bivariate and multivariate statistics. Prerequisites: sophomore standing and one of the following: ES 172, HD 101S, or one political science course.

### **PO 263G North African Politics**

The course examines the politics of North Africa (Libya, Tunisia, Morocco, Algeria, Mauritania and the Westem Sahara), with particular focus on political Islam and the geostrategic nature of the region to global politics.

**PO 301S Constitution and Government Power**

Constitutional power bases of judicial, executive and legislative branches of national government, analysis of major constitutional issues, of federalism and powers of the states, Supreme Court decisions. One lower-division political science course recommended.

**PO 302S Constitution and Individual Rights**

Examining those portions of the Constitution dealing with relations between the individual and the government (the Bill of Rights, due process, equal protection, privileges and immunities, etc.). PO 301S is not prerequisite. One lower-division political science course recommended.

**PO 303S The American Presidency**

The Presidency as a political and constitutional office, its growth and development from Washington to the present. One lower-division political science course recommended.

**PO 304S U.S. Congress**

The U.S. legislative process with major attention to the Senate and House of Representatives. Roles of lawmakers, legislative behavior, and representative government in theory and fact. One lower-division political science course recommended.

**PO 305S Political Parties and Interest Groups**

Party organization and functions at national, state and county levels, and other institutions and activities competing for party functions. One lower division political science course recommended.

**PO 311G Latin American Politics**

Historical overview of Latin American political development from the Spanish conquest to 20th century, comparison of political systems and people, and future prospects. Prerequisite: Sophomore standing or above.

**PO 313 Politics of the European Union**

Study theories and processes of the European Union's integration. Focus on development of the EU as a unique international organization; its institutional structures, decision-making processes, and functioning; and the contemporary policy issues facing the EU. Prerequisite: one political science course.

**PO 315 Theories of War and Peace**

Theoretical study of the origins, nature, and problems of violent conflict between and within nation-states and of possible paths toward peace. Major theorists and alternative visions, including realist, idealist, Marxist, feminist, and pacifist approaches. Prerequisites: PO 103G and one other political science course.

**PO 316G Women and Politics Worldwide**

Historical and contemporary relationship of women to politics. Evolution of the women's movement and participation of women in politics. Impact of women's movement at the global level. Prerequisite: Sophomore standing or above.

**PO 321S Comparative European Politics**

Parties, interest groups, political movements, major institutions of government, as well as culture, history and contemporary political problems. PO 104G recommended.

**PO 322S Authoritarian Political Systems**

Structure and emergence of 20th century authoritarian regimes, including Fascism, corporatism, military governments, one-party Communist states and personalist dictatorships. A previous political science course is recommended.

**PO 323S Seminar in Democratic Theory**

Philosophical roots of democratic theory, theoretical requisites of a democratic system, practical political economic implications, examined as citizens of both the U.S. and the world. Prerequisite: Sophomore standing or above.

**PO 324 East European Politics**

Evolution of Marxist theory in a variety of political systems: U.S.S.R, People's Republic of China, Afro-Marxist regimes, non-ruling communist parties of Western Europe. Highly recommended that students have had either PO 103G, 104G, 321S, HI 244H or PL 344.

**PO 325S Environment Politics and Policy**

Analysis of politics and policy relevant to environmental issues, the complexity of environmental problems and prospects of political solutions. Designed for majors in environmental studies and political science. Prerequisite: Sophomore standing or above.

**PO 333 Japan: Government, Politics, Foreign Policy**

Japan's government and politics, political history, cultures, economy society, religions, role of women, human rights, and foreign policy. Recommended: one lower division political science course.

## Political Science

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### **PO 335S Government and Politics of China**

China's government, politics, political history, cultures, economy, society, religions, women's roles, human rights, village democracy, minority peoples (e.g. Tibetans, Uighurs), Taiwan issue. Recommended: one lower division political science course.

### **PO 336S East Asian International Relations**

Relations between/among nations of East Asia (esp. China/Taiwan, Japan, two Koreas) and US. ASEAN, APEC, human rights, economic boom, nuclear proliferation, arms races, culture, historical legacies.

### **PO 341 Ethics and International Relations**

Political realism and natural law, military intervention and the use of force, human rights and humanitarian assistance, and the moral responsibilities of leaders and citizens. Prerequisite: PO 103G.

### **PO 342S Hunger, Plenty, and Justice**

Past, present, future world food supply, social factors that determine food production/distribution. Political, economic, religious, gender, historical, geographic, other dimensions of hunger. Government policies, technological change, international trading patterns, private interests and gender bias.

### **PO 343S International Environmental Law**

Economic development, environmental protection and the evolution of international environmental law, in the following areas: air pollution, biological diversity, wildlife conservation, trade and human rights.

### **PO 350S Florida Politics**

(Directed Study) State and local government in U.S., overview of Southern politics, problems and issues of Florida rapid growth, race relations, environment, voter dealignment, party realignment, elections, regional issues.

### **PO 351 National Security Policy**

Inside look at how national security decisions are actually made in our post 9/11 world. Assess central threats to U.S. and international security. Consider the effects of ideology, preconceptions, values on national security strategies.

### **PO 352G The Globalization Debate**

Explore the concept of globalization and the controversy surrounding it. Academic literature about globalization is voluminous, but highly contested. Consequently, this is a course in complexity, perception, values and thinking about the political economy of the world today.

### **PO 362G MidEast Conflicts and Wars**

This course is devoted to studying the phenomenon of wars and conflicts in the Middle East in terms of its causes, patterns and future trends of war and peace in the region.

### **PO 363G Middle East Political Economy**

A review of the major approaches of the field of Political Economy (realist, liberal and structural). Examines the political economy of the Middle East in terms of trade, investment, aid and debt.

### **PO 410 U.S. and the Vietnam Experience**

Senior Seminar for political science majors. History of U.S. involvement in Southeast Asia and impact of the Vietnam experience on U.S. policy-making. Causes of war, international mechanisms for conflict resolution, comparative development strategies. Prerequisite: Senior standing.

### **PO 421S Comparative Judicial Politics**

Judicial politics across political systems. Relationship among law, society and public policy in European, socialist and non-Western systems. The inner workings, view of justice, and social/cultural development of other civil societies. Prerequisite: Junior or Senior standing.

## PSYCHOLOGY

Students majoring in psychology have the option of completing either a Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) degree.

Students in both degree programs acquire a knowledge of the theoretical approaches, research methodologies, research findings, and practical applications of the many sub-fields within the science and profession of contemporary psychology. Working closely with their Mentors, students build on this foundation by developing an individualized area of courses in a particular specialty which will augment their liberal arts psychology background. These students acquire the ability to:

- critique new research findings in psychology.
- present research findings and theoretical systems in oral and written formats.
- apply theory to real-world problems.
- evaluate contemporary controversies in the field of psychology.

In addition to the skills above, students in the B.S. degree program acquire the following specific research skills designed to best prepare them for graduate study:

- critically reviewing and synthesizing diverse bodies of research literature.
- designing and conducting original research projects.
- using SPSS to analyze research data.
- using microcomputer-based graphics packages to prepare professional quality figures and graphics.
- preparing publication quality research reports in APA format.

Those electing to earn either the B.A. or the B.S. degree complete the following:

Introduction to Psychology  
 Human Learning and Cognition  
 Psychology of Childhood and Adolescence  
 Psychology Research Methods I and II  
 Personality Theory and Research  
 Biopsychology  
 Abnormal Psychology  
 Social Psychology

In addition, those electing to earn the B.S. degree complete all the courses listed above as well as the following:

Advanced Statistics and Research Design  
 Psychological Tests and Measurements  
 Advanced Research  
 History and Systems of Psychology

The required courses are arranged in a hierarchical and developmental sequence in order to avoid redundancy and achieve a high level of training during the undergraduate years. This sequence is listed on a checklist which the student will use with the Mentor to plan each semester's classes. While providing a basic structure to the degree planning, the sequence includes adequate flexibility for students wishing to participate in the International Education program and those who also pursue a second major.

The minor in psychology includes PS 101S Introduction to Psychology and four other psychology courses.

All courses required for the major or minor must be passed with a grade of C- or better.

### **PS 101S Introduction to Psychology**

The scientific study of human behavior and cognitive processes, including biopsychology, learning, memory, motivation, development, personality, abnormality, and social processes.

### **PS 102S Evolutionary Psychology**

Systematic study of the evolutionary origins of human behavior and cognition, with specific focus on sexual and mating behaviors, parenting and kinship, and social relations and conflict.

### **PS 200 Statistics and Research Design I**

First part of a two-semester sequence that integrates basic statistics with principles of research design. Emphasis on descriptive statistics, correlation and regression, and ethics of psychological research. Introduction to SPSS and writing in APA format. Prerequisite: Sophomore standing.

### **PS 201M Statistics and Research Design II**

Second part of two-semester sequence that integrates basic statistics with the principles of research design. Emphasis on inferential statistics, observational research, survey methodology, and experimentation. Continued instruction in SPSS and writing in APA format. Prerequisite: PS200.

### **PS 202 Psychology of Childhood and Adolescence**

Integrative study of human development from conception through adolescence. Examines physical, cognitive, social, and emotional facets of development, including peer and family relationships, personality development, and contemporary issues. Prerequisite: PS 101S.

### **PS 205 Human Learning and Cognition**

Examination of the cognitive processes involved in learning and memory, language, problem solving, reasoning, and decision making. Prerequisite: PS 101S.

### **PS 209 Abnormal Psychology**

Examination of thoughts and behaviors that deviate from the social norms, are maladaptive, and/or cause distress. Emphasis on etiology and treatment of psychological disorders from a biopsychosocial perspective. Prerequisite: PS 101S or HD 101S.

### **PS 234 Health Psychology**

Study of the psychological, physiological, and behavioral factors in the etiology and prevention of illness. Topics studied include stress and coping, mind-body relationships, pain management, and health promotion. Prerequisite: PS 101S.

### **PS 302 Social Psychology**

Study of the individual in a social environment, with an emphasis on the experimental approach to understanding the impact of social forces. Topics covered include group influence, attraction, aggression, attitude formation and change, and altruism. Prerequisite: PS 101S.

# Psychology

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**PS 306 Personality Theory and Research**  
Study of individual differences and personality processes using classical and contemporary perspectives, including psychodynamic, behavioral and cognitive, humanistic, trait, narrative, and neurobiological approaches. Prerequisites: PS 201M and Junior or Senior standing.

**PS 309 Biopsychology**  
Application of neurological and neurophysical principles to understanding human behavior and thought, emotion and motivation, learning and memory. Prerequisites: PS 101S and junior standing.

**PS 312 Psychology of Interpersonal Conflict**  
Examination of the causes of conflict between individuals and groups. Focus on the cognitive and emotional processes associated with conflict, and possible solutions to the problem of conflict. Prerequisite: PS 101S.

**PS 321 Advanced Statistics and Research Design**  
Primarily for students pursuing the BS degree in psychology. Development of research skills in psychology including advanced statistical analyses, complex research design, and writing in APA format. Prerequisite: PS 201M.

**PS 337 Psychological Tests and Measurements**  
Primarily for students pursuing the BS degree in psychology. Focus in statistical concepts underlying test construction and examination of psychological tests measuring achievement, aptitude, intelligence, and personality. Prerequisite: PS 201M (or may be taken concurrently).

**PS 344 Internship in Psychology**  
Field work in the community which allows for the practical application of psychological principles. Requires 130 hours of supervised work in a clinical setting. Prerequisite: Junior or senior standing and permission of instructor. May be repeated for credit (PS 444).

**PS 345S Psychology of Male/Female Relations**  
Analytical and applied understanding of the challenges of intimate male/female relationships. Topics include gender socialization, expectations, interpersonal attraction, communication, and relationship skills. Prerequisite: Junior or Senior standing.

**PSI 352 Animal Behavior in the United States and Europe**  
History and current trends of animal behavior research. Visits to zoos and research institutes in Tampa Bay and Vienna, Austria, the birthplace of scientific study of animal behavior.

**PS 410 History and Systems**  
Senior capstone seminar for students pursuing the BS degree in psychology. A synthetic overview of the history and major theoretical systems of modern psychology. Prerequisites: Senior standing.

**PS 422 Advanced Social Research**  
Primarily for students pursuing the BS degrees in psychology. Experience in designing and conducting research using social psychological approaches (e.g. experimental and survey methodology). Prerequisites: PS 302 and PS 321.

**PS 426 Advanced Personality Research**  
Primarily for the student pursuing the BS degree in psychology. Experience in designing and conducting research on issues explored by contemporary personality psychologists. Prerequisites: PS 306 and PS 321.

**PS 428 Advanced Clinical Research**  
Primarily for students pursuing the BS degree in psychology. Experience in designing and conducting research of a clinical nature. Prerequisites: PS 209 and PS 321.

**PS 429 Advanced Research in Evolutionary Psychology**  
Primarily for students pursuing the BS degree in psychology. Experience in conducting research in the area of evolutionary psychology. Prerequisite: PS 321.

**PS 444 Internship in Psychology II**  
Second semester of field work in the community which allows for the practical application of psychological principles. Requires 130 hours of supervised work in a clinical setting. Prerequisite: Junior or senior standing and permission of instructor.

**PS 498 Comprehensive Examination**  
Offered each Winter Term and required for psychology majors intending to graduate in the upcoming semester. Written examination covering all areas required for the BA in psychology and an oral presentation of major research project in the field.

**PS 499 Senior Thesis**  
Directed research project by invitation of the faculty only.

## QUEST FOR MEANING

### QM 410 Quest for Meaning

Through readings, class discussions, plenary sessions, self-reflective writing, and an off-campus community service project, this course provides opportunity for seniors to reflect in a serious and sustained manner on issues of purpose, value, and vocation. As the general education capstone course, the structure of Quest for Meaning echoes the structure of the general education program. The course helps seniors to identify the contributions of our global and western heritage, the current academic areas and perspectives, and our various academic disciplines to shaping one's sense of meaning and to providing direction for the future. Students also encounter religious perspectives that provide valuable sources for facing ultimate questions of life.

## RELIGIOUS STUDIES

Students majoring in religious studies should have developed the following competencies by the time they graduate:

- familiarity with the principal concerns and methods of the field of religious studies.
- knowledge of a chosen focal area that allows the student to converse with ease on subjects related to the area and make appropriate judgments based on critical study.
- capacity to make effective use of appropriate historical, literary, and critical tools for the study of religious texts and traditions.
- evidence of integrative self-reflection showing that the student is engaged in a serious effort to synthesize new information and insight into a personally meaningful world view.

Students majoring in religious studies must take the basic course, Introduction to Religious Studies (RE 201H), and at least two courses from each of the following areas: Biblical studies (including RE 242H), historical and theological studies (including either RE 241H or RE 244H), non-Western religions (including RE 240G) and two additional religious studies courses of the student's choice. At least four of the courses beyond the introductory course must be 300 level or above. Directed and independent study courses may be taken toward fulfillment of this major.

In addition to the successful completion of courses just described, students will normally be expected to fulfill a senior comprehensive exam, consisting of three written exams, a scholarly paper in a focal area of the student's choice, and an oral exam. Exceptional students may be invited to do a senior thesis rather than the comprehensive exam.

For a minor in religious studies a student must take RE 201H plus four courses in the discipline, subject to the approval of the discipline faculty.

An interdisciplinary concentration in Religious Education is also available. This concentration, under the supervision of a three-member interdisciplinary faculty committee, requires the completion of at least nine courses, including two in Biblical studies, and two in theological and historical studies (including RE 241H). The remaining five courses are selected from the area of psychology and counseling studies. This concentration should appeal especially to students contemplating professional careers with church and synagogue, and to students who wish to work as lay people in religious institutions.

### RE 105G Religion in Global History

Global history often is painted as a moral success story of the West. Learn about globalization since the year 1000 C.E. and how different religious traditions and people helped shape the world into an integrative system.

### RE 201H Introduction to Religious Studies

Religious experience and ideas as they are expressed in such cultural forms as community, ritual, myth, doctrine, ethics, scripture and art; synthesizing personal religious ideas and values.

### RE 206H The Bible, Gender, and Sexual Politics

Relations between biblical literature and issues of sexual difference, gender socialization, misogyny, and the question of origins of patriarchy.

### RE 212H Reading for the Rapture

Examination of the "apocalypse" as represented in ancient literature and modern media. This course explores predictions and visions of global destruction and transformation in religious traditions, public debates, and popular culture.

### RE 220H Bible and Culture: American Film

More than a book, the Bible plays critical roles as a powerful icon and cultural influence. This course examines biblical texts, contexts, and histories of interpretation as represented in American film.

### RE 221H Religion in America

The beliefs, behavior and institutions of Judaism and Christianity in American life. The uniqueness of the American religious experience and its impact on American institutional patterns.

### RE 230G Yogis, Mystics, Shamans

Texts on sacred power, the specific technique by which it is developed, and contemporary practices that are based on archaic models.  
Prerequisite: RE 240G.

## Religious Studies

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### **RE 234H Regional Goddesses in Asia**

Regional goddesses in India, China, and Japan. The relationship between women and the divine feminine principle within the context of Asian cultures compared with other contemporary expressions of Goddess devotion.

### **RE 240G Non-Western Religion**

The developments of Non-Western Religion. People's lifestyles, views, and values in religious systems outside Jewish, Christian, or Islamic systems.

### **RE 241H History of Christianity**

Beliefs, practices and institutions of the Christian Church through the past nineteen centuries. The great theological debates, significant issues, and formative thinkers.

### **RE 242H Engaging the Bible**

Surveys the study of biblical literature, attending to: 1) historical and social worlds of biblical writings; 2) the Bible's contents and canonization; and 3) approaches to biblical interpretation in different time-periods, cultures, and media.

### **RE 244H Judaism, Christianity and Islam**

Major religions of Middle East, Judaism, Christianity, Islam. Historical development, literature and contributions to the West.

### **RE 272H Creativity and the Sacred**

Exploration of connections between the visual and literary arts and the sacred. Students will examine the significant interconnections of art and the sacred by analyzing forms, styles, symbolism, themes, and narrative structures.

### **RE 291H Apostle Paul - Religion and Politics**

Critically appraise Paul of Tarsus's life, letters, and legacy. Encounter Paul's Jewish, Greek, and Roman imperial worlds in ancient literature, art, and architecture. Examine contemporary literary-critical, postcolonial, and liberationist approaches to Pauline studies.

### **RE 315H Seminar on Religion and Race**

Study the relationship between U.S. society and a Non-Western religion with attention to social and political significance. Explore the pop-cultural framing of religious identities and its impact on the way we live our lives.

### **RE 319G Hindu Traditions**

Yoga, meditation, karma, reincarnation, major devotional and ceremonial traditions that have developed around Shiva, Vishnu, and the Goddess. The dynamic between popular worship and the contemplative traditions of Hindu culture. RE 240G recommended but not required.

### **RE 320G Buddhist Traditions**

Focus on the historical continuities and discontinuities of Buddhisms across Asia, the ways Buddhist traditions reflect their given geographical areas, and the social and political conditions that have facilitated changes within the various Buddhist traditions.

### **RE 321H Indigenous Religions**

Religious traditions of native peoples, with focus on sacred power, deity, tutelary spirits, shamanic states of consciousness, ceremony, and sacred narrative; Attention also given to native concerns about lineage and authenticity in contemporary practices.

### **RE 323 Christianity, Canon, and Controversy**

Investigation of ancient "Gnostic" writings and communities. Discussion of orthodoxy and heresy, canon formation, and women's role(s) in earliest Christian assemblies. Contemporary fascination with extra-canonical literature (The Da Vinci Code) will be considered. Prerequisite: RE 201H or any course in Biblical studies.

### **RE 329H Liberation Theology**

The growth of Latin American, black, and feminist liberation theologies from earlier forms of theology, their development and contribution to theology, and responses to them.

### **RE 330H Human Being and Becoming**

Exploration of Christian understandings of human existence in comparison with other perspectives. Topics include: what it means to be and become human; relationships between individual, society, and nature; and meaning in human existence.

### **RE 343H Prophets and Justice, Then and Now**

Explore the proclamation of "release of the captives," from Moses to John of Patmos. Examine ancient prophecy as religious criticism. Attention to appropriation of prophetic traditions in social justice movements (civil rights, feminism, pacifism, anti-poverty). RE 242H recommended but not required.

**RE 345H Jesus in Ancient and Modern Media**

Investigation of the figure of Jesus according to a variety of ancient gospels, coupled with exploration of modern representations of Jesus in art, scholarship, fiction, and film.

**RE 350E Ecology, Chaos, and Sacred**

Examine the struggle of ecological order against the inbreaking of chaos. How is the one maintained against the other? Is “reality” chaos or order? How does one’s world-view affect one’s understanding of ecology, chaos, or “reality”?

**RE 351E A Culture of Science and Faith**

This interdisciplinary course will examine the two seemingly different approaches to the environment that religion and science developed. The significance of the disparity will be examined by analyzing the writings of prominent theologians and scientists.

**RE 356G Asian Religion and Warfare**

Asian religious traditions are widely considered peaceful. Contemporary acts of violence in India, Myanmar, Sri Lanka, and Southern Thailand suggest a different perspective. Explore the gap between ideals and practices and the value of distinguishing between them.

**RE 361H Contemporary Christian Thought**

Examination of some major theologians and movements since 1900, including Neo-Orthodoxy, Liberation Theology, and Postmodern theologies.

**RE 371H Religions of China and Japan**

Taoism and Confucianism in China, Shinto in Japan and the imported tradition of Buddhism and its regional developments in various schools; the syncretistic character of East Asian religiosity. RE 240G recommended but not required.

**RE 373H Women and Religion**

Investigate the roles that women play in various world religions. Study issues of power and expression in public vs. private worship; priesthood; the relationship between the divine feminine and female practitioners; and the possibilities for change within tradition.

**RE 381E Ecotheology**

The major dimensions of the current ecological crisis and its roots in Western tradition, how Judaeo-Christian thought has traditionally regarded nature and its relationship to God and humans, and implications for action.

**RE 382H Asian Religions and Ecology**

Examine the ways in which religions shape human understandings and treatment of the natural environment, with an emphasis on non-Western religions.

**RE 383H Hindu Mystical Poetry**

Representative works from the classical, medieval and contemporary periods, different genres and regional philosophies represented by various poets.

**RE 401 Internship in Religious Education**

Supervised, field-based experience in church work, with a minimum of 150 hours on-site experience. Permission of instructor required.

**RE 440 Seminar: Bible, Theory, Method**

Focuses on emergent theories and questions about biblical texts, contexts, and modes of interpretation. Special attention given to biblical studies as a form of cultural and public discourse. Survey past thinking, explore more modern directions.

**RE 449 Religion and Imagination**

Philosophical and theological treatments of imagination in religion and in all of life, their implications for religion, faith and the role of intellectual reflection in religion. Focus on Christianity, but principles have broader implications. Prerequisite: Permission of instructor.

**ROTC (RESERVE OFFICER’S TRAINING CORPS)**

**AEROSPACE STUDIES**

**AIR FORCE ROTC**

The Air Force Reserve Officers Training Corps (AFROTC) curriculum includes 12-16 course hours of instruction by active duty Air Force officers over a two to four-year period. A student who completes the AFROTC program will receive an Air Force commission as a second lieutenant and is guaranteed a position in the active duty Air Force at a starting pay of approximately \$45,000 per year.

AFROTC is offered as either a two or four-year program. The four-year program normally requires a student to successfully complete all degree requirements for award of a bachelor’s degree, 16 course hours of AFROTC classes, and a four-week field training encampment between his/her sophomore and junior years. The two-year program gives students who do not enroll in AFROTC during their freshman and sophomore years the opportunity of taking AFROTC. Students should apply for the two-year program by fall of the sophomore year. The student attends a six-week field-training encampment in the summer prior to program entry.

Upon entering the program, the student then completes all undergraduate degree requirements, and 12 credit hours of AFROTC courses.

ROTC students take a 1.8-hour non-credit leadership laboratory weekly in addition to the academic classes. Students wear the Air Force uniform during these periods, and are taught customs and courtesies of the Air Force. Leadership Laboratory is open to students who are members of ROTC, or who are eligible to pursue commissions as determined by the Professor of Aerospace Studies.

AFROTC 4, 3, 2 year scholarships are available for eligible applicants. Depending on student qualifications, these scholarships pay all tuition, fees, books and a \$300-\$500 per month tax-free stipend. Those interested in more information about scholarship criteria should contact the AFROTC department at USE

Students interested in enrolling in the four-year or two-year program can begin registration procedures through the ROTC office in CWY 407 at USE before registering for the appropriate "AFR" course through university registration. Veterans, active-duty personnel and graduate students are encouraged to inquire about special accelerated programs designed for them. The AFROTC phone number is (813) 974-3367.

Eckerd College will award one Eckerd College course for the first two years (equivalent to four semester hours) and three course credits (equivalent to twelve semester hours) for the successful completion of the final two years.

## **ARMY RESERVE OFFICER'S TRAINING CORPS (ROTC)**

The Department of Military Science and Leadership for Army Reserve Officers Training Corps (ROTC) was established to select and prepare students (Cadets) to serve as Commissioned Officers in the Regular, National Guard and Army Reserve components of the United States Army. The curriculum is designed to certify and develop the student's leadership potential and improve the student's planning, organizational, and managerial skills in order to lead and command troops at various levels of the Army.

Army ROTC training is divided into two phases, the basic course and the advanced course. Students with prior military service can be exempt from the basic course. Students with questions concerning placement and options should contact an Army ROTC cadre member for more information. Enrollment is open to qualified students at all levels, including graduate level students.

Army ROTC training provides scholarships, monthly pay stipends, free textbooks, uniforms and equipment. Scholarships are awarded on a competitive basis in all academic majors. The scholarship pays full tuition and books (\$1200). All contracted cadets receive a monthly pay stipend ranging from \$300 in the freshman year to \$500 in the senior year. All summer training courses, Leaders Training Course (LTC) and Leadership Development Assessment Course (LDAC), are also paid at approximately \$700 plus meals and room. Additional skills training such as Airborne and Air Assault schools are available to both the Basic and Advanced Course Cadets, based on performance and merit.

**Basic Course:** Consists of the first and second year courses. This is one and a half hours of classroom instruction a week and two hours of leadership laboratory. Cadets incur no military commitment by participating in the basic course. If a Cadet misses a semester, he/she can opt to attend the LTC camp at Fort Knox during the summer for 28 days. This course accounts for those courses not completed. Two year scholarships are also available after graduation from the LTC.

**Advanced Course:** Consists of the third and fourth year military courses. These courses are open to contracted Cadets. Both year 3 and year 4 classes consist of three hours a week of classroom instruction plus Leadership Lab, physical fitness, and field training exercises. Cadets are required to attend LDAC at Fort Lewis Washington for thirty-three days during the summer. The advanced course is designed to prepare and evaluate contracted Cadets who desire to become Army Officers for duty in the Active, Guard, and Reserve Components as 2nd Lieutenant.

**Opportunities:** New commissioned Officers can be also guaranteed Reserve or National Guard duty. Prior to commissioning, Cadets will request to serve in one of sixteen special career fields ranging from Infantry, Medical, Aviation, Engineering, Law Enforcement, Logistics and Human Resources. Starting pay for a Lieutenant on active duty is in excess of \$42,000. In four years as a Captain, one can even earn over \$65,000 annually. Officers and their families will be assigned to serve at various bases in the United States and overseas around the world.

**Requirements:** Students who desire to contract and earn and commission as a Second Lieutenant in the United States Army must pass an Army Physical (Medical), an Army Physical Fitness Test, height and weight requirements, and a background investigation. Also required are passing a 3-credit course in military history, passing swimming requirements, and maintaining a Cum GPA of 2.5 or

higher. Cross-enrolled Cadets will take courses and training at the USF St. Petersburg Campus. Thursday Leadership Laboratory sessions are held in the Tampa Bay area. Shuttle service is also available from USF to and from those training areas.

For more information and scholarship enrollment, contact the Suncoast Battalion Army ROTC main office at (813) 974-0963 or visit the website: [armyrotc.com/edu/univsouthfl](http://armyrotc.com/edu/univsouthfl).

Eckerd College will award one Eckerd College course credit (equivalent to four semester hours) for each course completed for two semesters for a total of four course credits (equivalent to sixteen semester hours) for the complete four year program.

**AFR1 1101 Foundations of U.S. Air Force**

Introduction to the Air Force Reserve Officer Training Corps (AFROTC) and the United States Air Force (USAF) including lessons in officership and professionalism as well as an introduction to communication. A minimum of 80 percent attendance is required for a passing grade. First semester of a four semester sequence. Four semesters required for one course credit.

**AFR2 1120 Foundations of U.S. Air Force**

Introduction to the Air Force Reserve Officer Training Corps (AFROTC) and the United States Air Force (USAF) including lessons in officership and professionalism as well as an introduction to communication. A minimum of 80 percent attendance is required for a passing grade. Second semester of a four semester sequence. Four semesters required for one course credit.

**AFR3 2130 History of Air and Space Power I**

A study of air power from balloons and dirigibles to the space-age global positioning systems in the Persian Gulf War. Emphasis is on the employment of air power in WWI and WWII and how it affected the evolution of air power concepts and doctrine. A minimum of 80 percent attendance is required for a passing grade. Third semester of a four semester sequence. Four semesters required for one course credit.

**AFR4 2140 History of Air and Space Power 2**

Historical review of air power employment in military and nonmilitary operations in support of national objectives. Emphasis is on the period from post WWII to present. A minimum of 80 percent attendance is required for a passing grade. Fourth semester of a four semester sequence. Four semesters required for one course credit.

**AFR1 3220 Air Force Leadership and Management I**

An integrated management course, emphasizing the individual as a manager in an Air Force environment. The individual motivational and behavioral processes, leadership, communication, and group dynamics are covered to provide a foundation for the development of the junior officer's professional skills. A minimum of 80 percent attendance is required for a passing grade. First semester of a two semester sequence. Two semesters required for one course credit.

**AFR2 3231 Air Force Leadership and Management II**

A continuation of the study of Air Force advancement and leadership. Concentration is on advanced leadership topics, organizational and personal values, and military ethics. A minimum of 80 percent attendance is required for a passing grade. Second semester of a two semester sequence. Two semesters required for one course credit.

**AFR 4201 National Security Forces I**

A study of the Armed Forces as an integral element of society, with an emphasis on American civil-military relations and context in which U.S. defense policy is formulated and implemented. A minimum of 80 percent attendance in scheduled classes is required for a passing grade.

**AFR 4211 National Security Forces II**

A continuation of the study of the Armed Forces in contemporary American society. Concentration is on the requisites for maintaining adequate national security forces; constraints on the national defense structure; strategic preparedness; national security policy; and military justice. A minimum of 80 percent attendance in scheduled classes is required for a passing grade.

**MAR1 1001C Leadership and Personal Development**

Introduces to personal challenges and competencies critical to effective leadership; teaches personal development life skills relative to leadership, officership, and Army profession; focuses on gaining understanding of ROTC Program and its purpose in Army.

**MAR2 1002C Introduction to Tactical Leadership**

Presents leadership basics (eg: setting direction, problem-solving, listening, briefs, giving feedback and use of effective writing skills); explores dimensions of leadership values, attributes, skills and actions in context of practical hands-on exercises.

## **MAR1 2101C Innovative Team Leadership**

Explores creative and innovative tactical leadership strategies and styles. Develops knowledge of leadership values and attributes by understanding Army rank, structure, and duties. Broadens knowledge of land navigation and squad tactics.

## **MAR2 2102C Foundations of Tactical Leadership**

Examines challenges of leading tactical teams in complex current operating environment; highlights dimensions of terrain analysis, patrolling and operation orders; develops greater self-awareness, communication and team building skills.

## **MAR1 3201C Adaptive Team Leadership**

Challenges to study, practice, and evaluate adaptive team leadership skills as demands of the ROTC LDAC are presented. Uses challenging scenarios to develop self-awareness and critical thinking skills. Provides specific feedback on leadership abilities.

## **MAR2 3202 Leadership in Changing Environments**

Challenges to study, practice, and evaluate adaptive leadership skills as demands of ROTC Leader Development Assessment Course are presented. Develops self-awareness and critical thinking skills with challenging scenarios. Provides feedback on leader skills. Course content will change each semester.

## **MAR1 4301C Developing Adaptive Leaders**

Develops ability to plan, and assess complex operations, functioning as member of a staff; provides performance feedback to subordinates; gives opportunities to assess risk, make ethical decisions, and lead fellow cadets; prepares in becoming Army officer.

## **MAR2 4302C Leadership in a Complex World**

Explores dynamics of leadership in complex situations of current military operations in current operating environment; examines differences in courtesies, military law, principles of war and rules of engagement in face of international terror and more.

# SEA SEMESTER

The Ocean Exploration Program sponsored by the Sea Education Association, Inc. (S.E.A.) offers an opportunity for qualified students to earn a semester of credit in an academic, scientific, and practical experience leading to a realistic understanding of the sea.

Students enrolled in the Ocean Exploration Program spend the first half of the semester (the six-week shore component) in Woods Hole, Massachusetts, receiving instruction in oceanography, nautical science, and maritime studies. They then go to sea for the second half of the semester (the six-week sea component) for a practical laboratory experience. This program includes courses in Oceanography, Maritime Studies, Nautical Science, and Practical Oceanography I and II. Block credit of four courses is awarded for the successful completion of these five specific courses. The completion of this group of courses also satisfies the Environmental Perspective requirement.

For additional information, contact the Office of International Education and Off Campus Programs.

# SOCIOLOGY

Sociology concerns the application of scientific methods to the study of the diverse ways in which social forces shape individual conduct and experience. Theories of human behavior are developed and tested through the collection and analysis of empirical evidence. The discipline strives to provide students with perspectives and methods that may be applied to understanding a broad range of social phenomena.

Knowledge and skills expected of sociology students:

- Sociology students learn critical thinking skills, including the ability to challenge common assumptions, formulate questions, evaluate evidence, and reach reasoned conclusions.
- Critical thinking skills are developed from a foundation of sociological theory. Students acquire knowledge of traditional and emergent sociological perspectives that may be applied to understanding the various dimensions of social life.
- Methodological competency is necessary to the development and application of critical thinking. Students acquire qualitative and quantitative research skills which allow an appreciation of sociological research, and facilitate the critique of evidence underlying many issues of public debate.

- The sociology discipline is committed to the active engagement of student learning. Many courses provide opportunities for research projects and experiential learning assignments that extend learning beyond the classroom to the real world laboratory of social life.
- Sociology students develop writing and speaking skills needed to present ideas and research efforts in a cogent and scholarly form. Clear, organized presentation of ideas and research is requisite to sociological training. Consequently, every effort is made to help students improve their oral and written communication skills.
- Sociology provides an appreciation of cultural and social diversity. Students learn to recognize and comprehend global and national diversity of social life, and thus locate personal values and self-identity within the context of our complex and changing social world.

Students of sociology are required to complete a core of five courses with a minimum of C- grade in each course. SO 101S Introduction to Sociology provides the foundation of theoretical perspective, research methods, and substantive areas of investigation that are shared across the discipline. SO 160M Statistical Methods instructs students in the techniques of quantitative data analysis. In SO 260 Qualitative Methods and SO 360 Research Design, students develop an advanced understanding of research methods that includes application to real world social issues. SO 320 Theories of Society elaborates sociological theory in an intensive examination of perspectives for explaining social behavior. In addition to the five core requirements, each student selects five sociology electives toward completion of the ten courses in the major. It is also possible for the student to focus the five electives on specialization in criminal justice.

The minor in Sociology consists of SO 101S Introduction to Sociology and any other four courses with an SO prefix.

### **SO 101S Introduction to Sociology**

An introduction to the principles and methods of sociology, as well as important research findings.

### **SO 160M Statistical Methods**

Introduction to quantitative techniques for data analysis in the social sciences. Univariate description, bivariate description, and statistical inference.

### **SO 210 Social Stratification**

Inequality in the distribution of wealth, power, and status within a social system, including the effects of ethnicity, race, gender, occupational and wage hierarchies. Prerequisite: SO 101S.

### **SO 220 The City**

In this course we will look at why people live in cities, how cities grow and change, how individual cities are tied to global structures, and how cities impact the way we live. Prerequisite: SO 101S.

### **SO 221 Juvenile Delinquency**

Analyzing juvenile delinquency through examination of the collective nature of human behavior, the function of values and normative patterns, and social conflict over values and resources. Prerequisite: SO 101S.

### **SO 224S Criminology**

The causes and consequences of crime, the historical transition of ideas about crime, types of crime such as street level, organized, corporate, government; the measurement of crime and criminal deterrence.

### **SO 234 Self and Society**

Survey of classical and contemporary analyses of relationship between human self-consciousness and socialization. Each person is unique, but each person's sense of self is shaped by social interaction and culture. Prerequisite: SO 101S.

### **SO 235 Deviance**

A survey of sociological research on deviance, with an emphasis on an interactionist perspective. Deviance is understood as interaction between those doing something and those who feel offended or threatened by what they are doing. Prerequisite: SO 101S.

### **SO 260 Qualitative Methods**

Research practicum on the observation and analysis of human behavior. Hands-on experience with field research methods and ethnographic inquiry. Each student conducts a research project. Prerequisite: SO 101S.

### **SO 269 Sociology of Art**

Art is an element of the social community, an aspect of culture, with many groups defining "art." The local community will guide our understanding of the meaning of art, artists and the art world. Prerequisite: SO 101S.

### **SO 280G Time and Temporal Systems**

This course concerns the study of time and temporal systems in various societies. Students learn to view their own temporal traditions and assumptions in the larger context of the world's diversity.

### **SO 320 Theories of Society**

Concepts, approaches, and orientations that have played a part in shaping the nature of sociology, and ideas during the 19th and 20th centuries as sociology matured. Prerequisite: SO 101S.

## Sociology

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**SO 324S Introduction to Criminal Justice**  
Police, courts and corrections, criminal law, public attitudes toward crime, discretionary power of police, capital punishment, adjustments after prison release.

**SO 326 The Family**  
Family roles such as children, men, women, spouses, parents, kin examined. Ways in which family and work life interact. Dynamic changes in American family structure and the modern family. Prerequisite: SO 101S.

**SO 335 Social Interaction**  
The study of face-to-face behavior in public places with emphasis on gender and race in urban settings. The nature of deference and demeanor, embarrassment, harassment, rules governing involvement, normal appearances, and role distance. Prerequisite: SO 234 or SO 235.

**SO 360 Research Design**  
The techniques and application of social science research, critical evaluation of research evidence, designing and administering a group survey project. Prerequisite: SO 160M.

**SO 420 Sociology of Culture**  
This course will examine theories of the production and uses of culture. We will go on to consider how culture impacts social stratification, race relations, arts and media production and reception, and sexuality. Prerequisite: SO 101S.

**SO 435 Social Construction of Reality**  
The processes whereby "society" is manufactured such that it becomes a force external to the dynamics which produced it. Primary frameworks, the anchoring of activity, legitimation, internalization, selective attention, typification. Prerequisite: SO 234 or SO 235.

## SPANISH

The major in Spanish consists of nine courses and a comprehensive examination or, with faculty approval, a senior thesis/project.

### The nine courses must include:

SP 207 Spanish: Written Expression  
SP 301H History and Culture of the Hispanic World  
A 400-level course

All courses must be completed with a grade of C- or better.

Spanish majors are expected to speak the language well enough to be rated at the Intermediate Mid-level of proficiency as defined by the American Council on the Teaching of Foreign Languages

(ACTFL) and are therefore strongly urged to spend at least one semester abroad. The Office of International Education will assist students in identifying appropriate programs. Please note that all study abroad must be approved by language faculty and cleared by the Registrar. Students are also encouraged to participate in Eckerd's language-intensive winter terms offered in Spain and Latin America. Eckerd also offers a semester of study abroad at the Latin American Studies Center.

Double majors: Students who major in International Business, International Relations and Global Affairs, or International Studies are strongly encouraged to develop double majors with French or Spanish. All of the international disciplines have an extensive language requirement for their majors, and students would have completed more than half the number of courses required for a language major.

Proficiency in a foreign language and knowledge of its cultural context will increase employability and opportunities for graduate study and will prepare students for our increasingly global society. Many of our majors continue the study of language at the graduate level. Language majors pursue a variety of careers in education, law government, social work, journalism, and business.

The minor in Spanish consists of five courses.

Majors and minors who transfer credit (from the U.S. or abroad) are required to take at least one advanced Spanish course at Eckerd.

**SP 101 Elementary Spanish I**  
Fundamentals of Spanish language with a focus on developing skills in speaking and listening comprehension. Introduction to basic grammatical structures and basic vocabulary.

**SP 102 Elementary Spanish II**  
Continuation of SP 101. Completion of SP 102 fulfills the one year language requirement. Prerequisite: SP 101 or equivalent.

**SP 201 Intermediate Spanish I**  
Comprehensive review and in-depth review of grammar. Emphasis on interaction and communication, allowing students to express, interpret, and negotiate meaning in context. Practice in all four skills, including writing and fiction reading. Prerequisite: SP 102.

**SP 202 Intermediate Spanish II**  
Continuation of SP 201. Prerequisite: SP 201.

**SP 204 Spanish: Reading the Classics**

Study great works of Spanish and Latin American literature (abridged versions) in the historical and literary context in which they were created. Explore their universal appeal through their most recent film reinterpretations. Prerequisite: SP 202.

**SP 205 Spanish: Oral Expression**

Develop proficiency in speaking and listening comprehension. Extensive acquisition of new theme-based vocabulary, and exposure to authentic language through in-class films, followed by post-viewing activities. In class oral presentations based on cultural information. Prerequisite: SP 202.

**SP 207 Spanish: Written Expression**

Development of writing skills. Review of selected grammar topics such as relative pronouns, indicative and subjunctive tenses, and narrating in the past. Vocabulary acquisition and proper use of dictionary. Intensive writing. Prerequisite: SP 202.

**SP 300H Hispanic Short Fiction**

Introductory survey of the short fiction of both Spain and Latin America during the 19th and 20th centuries. Among the themes to be studied are social and political injustice, women's rights, alienation, violence, humor and love. Prerequisite: SP 204 or SP 207.

**SP 301H History and Culture of the Hispanic World**

History and culture of Spain and Latin America and their interaction. Consider the birth of Spain as a nation, the discovery and conquest of Latin America, the transition from autocracy to democracy in Latin America. Prerequisites: SP 204, SP 205 or SP 207.

**SP 302H Advanced Spanish Conversation**

Work towards Spanish fluency through oral practice, using meaningful situations through discussion of selected texts, films, and everyday topics. Emphasizes accurate use of grammatical structures and awareness of style and usage, including the colloquial.

**SP 305H Latin American Literature: Dictators and Revolution**

Ideas about revolution, dictatorship, democracy, war, independence, autonomy and identity will be discussed after reading literary texts by major Latin American writers including Azuela, Garcia Marquez, Carlos Fuentes and Isabel Allende. Prerequisites: SP 204, SP 205, or SP 207.

**SP 308H Film and Literature: Spanish Civil War**

Historical overview of the Spanish Civil War. In-depth study of texts and films that address the war in a national and international context. Multiple perspectives through works by authors from Spain, England and Italy. Prerequisite: SP 207.

**SP 309H Film and Literature: Hispanics in the U.S.**

Selected films and narrative works of fiction and non-fiction explore and highlight contrasting aspects of "Anglo" and Hispanic cultures. Development of cultural awareness through the analysis of the general principles that guide the students' own culture. Prerequisite: SP 207.

**SP 310H Literature, Film and Art: Lorca, Buñuel, Dali**

Contribution of these artists to a cultural renaissance in 20th century Spain. In-depth analysis of selected plays, poems, films and paintings. Visits to the Salvador Dali Museum in St. Petersburg. Prerequisite: SP 207.

**SP 312H Latin American Culture in Film**

In-depth analysis of Latin American films by contemporary directors like Bemberg, Cuaron, Diegues, Lombardi and Martel covering all major regions. Influence of class, religion, history, economics, politics and national identities in contemporary Latin America. Prerequisite: SP 300H.

**SP 320H Applied Spanish: Translation**

Advanced course in translation. Practical application in translating technical and literary texts. Students will translate written material mostly from Spanish to English, but will also practice translation from English to Spanish. Prerequisite: SP 207 or any 300 level Spanish course.

**SP 401H Spanish Literature: Modern Novel**

Major novels from late 19th century to the 1960's by eminent Spanish writers such as Galdos, Baroja, Unamuno, Cela, Delibes and Laforet. Prerequisite: Any 300 level Spanish course.

**SP 403H Spanish Literature: Modern Drama**

In-depth study of major Spanish playwrights including Buero Vallejo, Olmo, Muniz, and Fernan-Gomez. Focus on plays as socio-historical documents. Prerequisite: Any 300 level Spanish course.

## Spanish

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### **SP 406H Spanish Contemporary Narrative**

Major contemporary narrative from the 1980's by writers such as Antonio Munoz Molina, Arturo Perez Reverte, Rosa Montero, Juan Jose Millas, Elvira Lindo, Lorenzo Silva, and Almudena Grandes. Prerequisites: 300 level course.

### **SP 407H Hispanic Women Writers**

In-depth study of novels, short stories and films by contemporary Spanish and Latin American women writers and filmmakers including Allende, Montero, Mastretta, Bemberg, Novaro, and Bollain. Introduction to feminist and reader-response literary criticism. Prerequisite: 300 level course.

### **SP 408H Latin American Literature: Reinventing Fiction**

Understanding the social messages and aesthetic literary innovations, such as magical realism, in key works of 20th century Latin American literature by authors such as Vargas Llosa, Garcia Marquez and Fuentes. Prerequisite: Any 300 level course.

### **SP 412H Cuban Literature**

A panoramic view of Cuban literature in Spanish from the colonial period to the present. Study how a sugar cane economy and slavery impact Cuban society through short fiction, novels, poetry, theater, essay, and film. Prerequisite: Any 300 level Spanish course.

## STATISTICS

Credit will be given for only one of the statistics courses below.

### **MA 133M Statistics, An Introduction**

For description, see **Mathematics**.

### **SO 160M Statistical Methods**

For description, see **Sociology**.

### **BE 260M Statistical Methods for Sciences**

For description, see **Behavioral Sciences**.

### **MN 260M Statistical Methods: Management and Economics**

For description, see **Management**.

### **PO 260M Political Science Research Methods**

For description, see **Political Science**.

### **PS 200/201M Statistics and Research Design I,II**

For description, see **Psychology**.

## THEATRE

Theatre is education for life. The communications, analytical and artistic skills learned as an Eckerd College Theatre Major will serve you in good stead in any field.

Students from our program have gone on to do advanced work in graduate programs, joined professional theatrical organizations, and formed great theatre companies.

Eckerd Theatre students develop skills in acting, directing, design and technical theatre. They acquire knowledge of plays, theatrical movements and innovators. They gain real world experience by completing internships, networking at professional theaters and conferences, and producing their own work. This eclectic training produces independent, adaptable, motivated and responsible creative thinkers – high in demand in every field of opportunity.

The academic requirements for theatre majors are 10 courses which include Stagecraft, Basic Acting or Human Instrument, two sections of Theatre Production, Theatre Internship (as an independent study), Performance and Design History, and four theatre electives. In addition, all graduating seniors participate in the capstone experience, TH 499 Senior Theatre Company, in which they form a theatre company that performs/designs a series of short plays intended to highlight their skills as performers, directors, and/or designers.

A suggested sequence of courses is as follows:

### **Freshmen**

- Basic Acting or The Human Instrument
- Stagecraft
- Theatre Production

### **Sophomores**

- Theatre Production
- Theatre elective

### **Juniors**

- Theatre Internship
- Theatre elective
- Theatre elective

### **Seniors**

- Performance and Design History
- Theatre elective
- Senior Theatre Company

A minor in theatre requires five courses, of which at least two are at the 200 level or above. Three must be Eckerd College courses.

### **TH 101A The Human Instrument**

Exploration of the potentials for use of the body, mind, voice, movement, energy, and sensory awareness through a wide range of creative exercises.

### **TH 145A Design Basics**

An introduction to the elements and principles of design and the design process. Exposure to graphic communications, drafting techniques and computer-aided design and drafting. Includes practical projects in design and research into design history.

### **TH 161A Stagecraft**

Basic principles and procedures for constructing the stage picture. Theatre terms, use of hand and power tools, set construction, scene painting, special effects and new products.

### **TH 163A Basic Acting**

Development of basic tools of the actor through reading, discussion, acting exercises and scene work. Introduction to several approaches to the craft of acting.

### **TH 202A Improvisation**

Introduction to basic techniques of short-form improvisation and theatre games. Should be viewed as a "laboratory" course. Students work with techniques developed by a variety of theatrical innovators, with emphasis on controlled creativity. Permission of instructor required.

### **TH 233A Plays in Performance**

Attend plays at area theatres. Gain an appreciation for playwriting, acting, directing, theatrical design, and technical production through an examination of live performance. Learn script analysis techniques and how to write an effective theatrical critique.

### **TH 235A Theatre Production**

An intensive laboratory experience in performance and production of a play. Work in such areas as acting, assistant directing, stage management, design, costuming, lighting, sound, props, box office, and publicity. Open to all students.

### **TH 245 Scene Design**

Play analysis and research for creating scene designs. Drawings, groundplans, renderings, model-making. Each student will produce a number of designs. Prerequisite: TH 161A or TH 145A.

### **TH 257 Advanced Acting**

Focus on study of advanced acting styles or techniques, with an emphasis on their practical application. Prerequisite: TH 163A or TH 101A.

### **TH 263A Technical Theatre**

Focus on academic/practical study in areas of technical theatre, e.g., stage management, advanced stagecraft, welding, drafting, scene painting, etc. Prerequisite: TH 161A or 162A.

### **TH 282A Performance and Design History**

A class focusing on reading classic and contemporary plays from specific theatrical periods, with students researching social, visual, and performance context of each script.

### **TH 333A Play Reading**

An exploration of current and contemporary plays produced in New York and London. Designed to increase overall theatrical vocabulary and foster skills in script analysis and communication.

### **TH 372 Directing**

Study and practice of play-directing theories and techniques: analysis of play, rehearsal process, organizational procedures from script to production. Prerequisite: TH 101A or TH 163A.

### **TH 473 Advanced Directing**

Develop a personal directing style to meet the requirements of a given script, whether period or modern piece. Each director prepares at least two examples for an audience. Critique discussions. Prerequisite: TH 372.

### **TH 499 Senior Theatre Company**

All graduating seniors are required to form a theatre company that will perform/design a series of short plays intended to highlight their skills as performers, directors, and/or designers. Majors only.

## **VISUAL ARTS**

See Art.

## **WESTERN HERITAGE IN A GLOBAL CONTEXT**

All freshmen are required to take Western Heritage in a Global Context I and II, the cornerstone of Eckerd College's general education program. These courses explore central concepts and materials of civilization and introduce freshmen to enduring themes such as justice, freedom, and power. Western Heritage in a Global Context is an interdisciplinary course, using lecture and discussion formats. The discussion sections are the same groups, with the same instructor, as the autumn term groups.

## Western Heritage in a Global Context

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### WH 181 West Heritage-Global Context I

The first course in general education explores themes of journeys, justice, and truth through the study of the Greek, Roman, East Asian, and Indian cultures, using masterworks of those civilizations.

### WH 182 West Heritage-Global Context II

The second course in general education explores themes of power, nature, and freedom through the examination of literature, arts, and scientific thought in the post-Renaissance world.

## WOMEN'S AND GENDER STUDIES

Women's and gender studies is an interdisciplinary major in human societies, both past and present. It is also an inquiry into women's material, cultural and economic production, their collective undertakings and self descriptions. The women's and gender studies major seeks to provide opportunities for:

- acquiring breadth of learning and integrating knowledge across academic disciplines.
- developing an understanding and respect for the integrity of self and others.
- learning to communicate effectively.
- developing the knowledge, abilities, appreciation and motivations that liberate men and women.
- seriously encountering with the values dimensions of individual growth and social interaction.

Majors develop integrative skill competencies in bibliographic instruction, writing excellence, close reading of texts, creative problem-solving, small group communication, oral communication, and expressive awareness.

Students majoring in women's and gender studies must take a minimum of ten courses, including WG 201H, and then nine courses in three disciplines in consultation with their Mentors. Five of these courses must be at the 300 level or above. Majors must successfully pass a Senior comprehensive examination or, if invited by the faculty, write a Senior thesis.

For a minor in women's and gender studies, students take five courses including WG 201H. Three of the five courses must be at the 300 level or above.

Descriptions of the following courses in the major are found in the disciplinary listings:

### AMERICAN STUDIES

AM 307H Rebels with a Cause: Radicals, Reactionaries and Reformers  
(Directed Study available)

AM 308H Becoming Visible: Sex, Gender and American Culture (Directed Study available)

### ANTHROPOLOGY

AN 289S Gender: Cross-cultural Perspective

### CHINESE

CN 208G Gender/Sexuality in Asian Literature

CN 228G Chinese Martial Arts in Literature and Film

CN 268A Love and Justice/Chinese Theater

CN 301H Hero/Anti-Hero in Chinese Literature

CN 302H East Meets West: Chinese Cinema

### CLASSICS

CL 203H Women and Gender in the Ancient World

### COMMUNICATION

CM 221A Media and Society

### COMPOSITION

CO 122 Analytical and Persuasive Writing: Writing and Gender

### ECONOMICS

EC 281S Principles of Microeconomics

### ENVIRONMENTAL STUDIES

ES 345H Environmental Ethics and Justice

### FRENCH

FR 404 Themes in French Literature

FR 406 French Theatre on Stage

### HISTORY

HI 206H Making History

HI 210H European Women

HI 321H Women in Modern America: The Hand that Cradles the Rock (Directed Study available)

HI 324G Native American History

HI 366H Inside Nazi Germany

HI 307H Sex and Power: European Thought

### HUMAN DEVELOPMENT

HD 204 Socialization: A Study of Gender Issues

HD 209 Childhood Roles and Family Systems

### LITERATURE

LI 205H Woman as Metaphor

LI 244G Postcolonial Literature

LI 425 Seminar on Shakespeare (with permission)

### MANAGEMENT

MN 312S Women and Leadership (Directed Study)

MN 371 Organizational Behavior and Leadership

MN 387S Interpersonal Managerial Competencies (Directed Study)

### PHILOSOPHY

PL 101H Introduction to Philosophy  
PL 243E Environmental Ethics  
PL 244H Social and Political Philosophy  
PL 246H Philosophy and Film  
PL 312H American Philosophy  
PL 342H 20th Century Philosophical Movements

### POLITICAL SCIENCE

PO 103G Introduction to International Relations  
PO 315 Theories of War and Peace  
PO 316G Women and Politics Worldwide  
PO 342S Hunger, Plenty, and Justice

### PSYCHOLOGY

PS 202 Psychology of Childhood and Adolescence  
PS 345S Psychology of Male/Female Relations

### RELIGIOUS STUDIES

RE 206H The Bible, Gender, and Sexual Politics  
RE 220H Bible and Culture: American Film  
RE 234H Regional Goddesses in Asia  
RE 291H Apostle Paul-Religion and Politics  
RE 323 Christianity, Canon and Controversy  
RE 329H Liberation Theology  
RE 343H Prophets and Justice, Then and Now  
RE 345H Jesus in Ancient and Modern Media  
RE 361H Contemporary Christian Thought  
RE 373H Women and Religion  
RE 381E Ecotheology  
RE 440 Seminar: Bible, Theory, Method

### SOCIOLOGY

SO 210 Social Stratification  
SO 326 The Family  
SO 335 Social Interaction

### SPANISH

SP 407H Hispanic Women Writers

### WG 201H Introduction to Women's and Gender Studies

Issues involved in the social and historical construction of gender and gender roles from an interdisciplinary perspective. Human gender differences, male and female sexuality relationship between gender, race and class.

### WG 221H Black Women in America

Slavery, the work force, the family, education, politics, social psychology and feminism.

### WG 410 Research Seminar: Women and Gender

Senior Seminar designed to integrate the interdisciplinary work of the major. Students work in collaborative research groups to read and critique each other's work and produce a presentation that reflects interdisciplinary views on a women/gender issue. Focus on methodologies of the various disciplines and on research methods.

## WRITING WORKSHOP

See **Creative Writing**.



# CAMPUS AND STUDENT LIFE

At Eckerd, learning is not restricted to the classroom. The College cherishes the freedom that students experience in the college community and in the choices they make concerning their own personal growth. At the same time, each student, as a member of a Christian community of learners, is expected to contribute to this community and to accept and live by its values and standards: commitment to truth and excellence; devotion to knowledge and understanding; sensitivity to the rights and needs of others; belief in the inherent worth of all human beings and respect for human differences; contempt for dishonesty, prejudice and destructiveness. Just as Eckerd intends that its students shall be competent givers throughout their lives, it expects that giving shall be the hallmark of behavior and relationships in college life. Just as Eckerd seeks to provide each student with opportunities for learning and excellence, each student is expected to play a significant part in the vitality and integrity of the college community.

As an expression of willingness to abide by these standards, every student, upon entering Eckerd College, is expected to sign the Shared Commitment and the Honor Pledge that guide student life on campus. For a full description of the Shared Commitment, see page 5.

## THE CITY

St. Petersburg is a vibrant city in its own right, and St. Petersburg, Tampa, and Clearwater together form a metropolitan area of over two million people with all the services and cultural facilities of any area this size.

St. Petersburg and nearby cities offer art museums, symphony orchestras, road show engagements of Broadway plays, rock concerts, circuses, ice shows, and other attractions.

There are major golf and tennis tournaments in the area. Professional football fans can follow the Tampa Bay Buccaneers, professional hockey fans can follow the Tampa Bay Lightning, and professional baseball fans can follow the Tampa Bay Rays.

The Tampa Bay area hosts many regattas for sail boats and races for power boats every year. Fine public beaches on the Gulf of Mexico are within bicycling distance of the Eckerd College campus, as are public golf courses.

St. Petersburg has a pleasant semi-tropical climate with an average temperature of 73.5 degrees F. and annual rainfall of 51.2 inches.



*Photo courtesy City of St. Petersburg*

## THE CAMPUS

Situated in a suburban area at the southwest tip of the peninsula on which St. Petersburg is located, Eckerd's campus is large and uncrowded — 188 acres with about a mile and a half of waterfront on Boca Ciega Bay and Frenchman's Creek. Our air-conditioned buildings were planned to provide a comfortable environment for learning in the Florida climate. Professors and students frequently forsake their classrooms and gather outdoors in the sunshine or under a pine tree's shade. Outdoor activities are possible all year; cooler days during the winter are usually mild.

## RESIDENCE LIFE

Eckerd College has eleven residential complexes for student housing, consisting of eight complexes with four houses of 34-36 students including the newly constructed Iota complex, 16 eight person suites in Nu Dorm, 33 four and five person apartments with living room and kitchen in Omega, and 60 double occupancy rooms with private bath in Sigma. Most of the student residences overlook the water. Each residence unit has a student Residential Advisor (R.A.) who is available for basic academic and personal counseling and is generally responsible for the residence. Resident Advisors and student residents are supported by full-time professional residence life staff living on campus.

## STUDENT GOVERNMENT

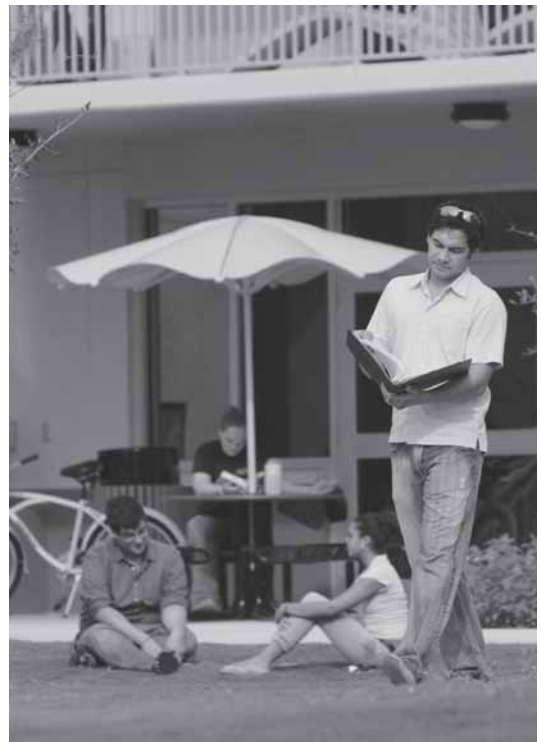
The Eckerd College Organization of Students (ECOS) is the College's student government association. It acts as a link between the students and the administration, with its officers sitting on many policy making committees, representing student views and issues. It also coordinates the budgeting of student organizations and activities, with funds accumulated from each student's activities fee. The membership of ECOS consists of all residential degree seeking students, full and part time.

## CAMPUS ACTIVITIES

Eckerd believes that significant learning takes place both within and beyond the classroom. The Campus Activities office, in cooperation with Palmetto Productions — the student activities board — and other student organizations, offers a broad array of cultural, social, recreational, and fitness activities. The result is a rich, active campus life that complements the student's academic program and that offers options for co-curricular activities that suit a variety of interests.

## HOUGH CENTER

The Hough Center serves as the hub of recreational and social activities. The facilities include a fitness center, conversation lounge, several meeting rooms, multipurpose room, Triton's Pub, and the Palmetto Café Coffee House. Triton's Pub is a place where students and faculty may continue a discussion that started in class, attend a poetry reading or open mic, enjoy a movie in the state-of-the-art theater system, share a game of pool, or enjoy the featured entertainment. Palmetto Café provides students with a warm and intimate venue where they can enjoy a free cup of coffee or tea as well as quiet conversation, reading, and late-night entertainment in an alcohol-free environment.



## ENTERTAINMENT AND CULTURAL ACTIVITIES

The College Program Series, jointly planned by students, faculty, and administration, is designed to enhance the intellectual, religious, and cultural life of the college community through bringing well-known scholars, artists, scientists, and distinguished Americans to the campus each semester.

The student activities board, Palmetto Productions, sponsors movies, coffee house programs, dances, comedy nights, and concerts featuring local and nationally known artists.

The Office of Multicultural Affairs, along with the Afro-American Society, International Students Association, and International Student Programs Office, sponsors an array of ethnic programs throughout the year.

The music, art, and theatre disciplines sponsor student and faculty recitals, programs from the concert choir and chamber ensemble, exhibitions by student and faculty artists, dance performances, and a series of plays produced by the theatre workshops.

The intramural and recreation program allows residential houses and individuals to compete in a variety of programs. The intramural sports include volleyball, flag football, basketball, and softball. Recreational facilities include outdoor swimming pool, outdoor basketball courts, sand volleyball courts, and a 7,000 sq. ft. fitness center with free weights, cardio-equipment, and aerobics room. In addition, the GO Pavilion is a 12,000 square foot open-air athletic/entertainment complex adjacent to the tennis courts. This tensile covered pavilion provides a beautiful and functional setting for playing basketball, volleyball, street hockey, wiffle ball, and many other recreational sports and fitness activities. The venue also provides terrific space for concerts, festivals, entertainer performances, and College sponsored outdoor events.

## STUDENT PUBLICATIONS

Publications are funded by student government and fully controlled by the students themselves. Student media include *The Current*, the student newspaper; *WECX*, the campus radio station; *EC-TV*, the campus television station; *The Eckerd Review*, a literary magazine featuring artwork, prose and poetry by members of the entire campus community; and *The EC-Book*, the student handbook.

## ORGANIZATIONS AND CLUBS

If there is enough student interest to form a club, it may be easily chartered and funded through the Eckerd College Organization of Students (ECOS). Organizations which have been student-initiated include the Afro-American Society, Biology Club, Circle-K, International Students Association, the Triton Sailing and Boatsailing Teams, Athletic Boosters, Model UN, Earth Society, Men's Volleyball, and Men's Lacrosse.

## RELIGIOUS LIFE

The College Chaplain directs the Campus Ministry Program, a joint effort of students, faculty, and staff. The program provides religious activities in a Christian context. These include worship services, special speakers, themed weeks, small group studies, service projects, and fellowship activities. Individuals and groups of other religious traditions receive assistance from Campus Ministries in connecting students, of like tradition, with one another and with their faith communities off campus. The Chaplain serves as minister to students, faculty, and staff; is available for counseling or consultation; and works closely with Student Affairs to enhance the quality of campus life. Campus Ministries also works in partnership with the Center for Spiritual Life and with Service Learning to encourage a well-rounded spiritual life for all members of the campus community.

Regardless of their backgrounds, students are encouraged to explore matters of faith and commitment as an integral part of their educational experience.

## CENTER FOR SPIRITUAL LIFE

The Center exists because of Eckerd's long-standing conviction that the liberal arts experience is an expression of the human quest for meaning. This conviction is grounded in Eckerd's rich Christian heritage as a college founded by the Presbyterian Church (U.S.A.). These founding Presbyterians were propelled by a vision of human life that is thoroughly integrated and flourishing in all matters of body, mind, and spirit. The mission of the Center is to serve this founding vision by encouraging all members of the campus community to take their spiritual lives seriously as a vital dimension of a well-rounded human life.

In addition to stewarding Eckerd's covenant relationship with the church, the Center oversees a lecture and workshop series that addresses matters of faith and life, and Colloquy, a group of faculty that study and publish on urgent themes of human spirituality.

The Center also works in close partnership with Campus Ministries and with Service Learning, in a non-exclusive Christian context, to facilitate weekly worship, a range of small-group programs in Bible study and discipleship, and hands-on ministries of outreach and healing in the broader world.

The Center believes that any authentic expression of faith, any concrete issue of religion, any genuine spiritual experience, and any real question about God is worth serious examination in a church-related liberal education. The Center strives to make Eckerd College a safe haven for all such examination.

## **WATERFRONT PROGRAM**

Eckerd's Waterfront Program is one of the largest collegiate watersports programs in the southeastern United States. All members of the Eckerd community have access to the Waterfront facilities without membership in a club or organization.

The facilities, located on Frenchman's Creek, include the Wallace Boathouse, an Activities Center, multiple docks, and a boat ramp. Additional resources include a fleet of sailboats, canoes, sea kayaks, sailboards, and multiple power boats used for water skiing, fishing, and special trips. In addition to daily use of boats and equipment, the Waterfront provides guided recreational activities focusing on exploring the outdoors through camping, kayaking, and hiking.

The Triton varsity sailing team participates in sloop, dinghy, and single-hand competitions as a member of the South Atlantic Intercollegiate Sailing Association (SAISA) and the Intercollegiate Sailing Association (ICSA). The Eckerd College Search and Rescue (EC-SAR) team is a highly trained group of students who provide maritime search and rescue services to the Tampa Bay boating community and assist over 400 boaters each year.

Courses offered by the Waterfront during the academic year include sailing (beginning to advanced levels), windsurfing, kayaking, and other watersports. During the summer months, a Watersports Camp is held for children and teens. Classes include kayaking, windsurfing, wakeboarding, water skiing, saltwater fishing, exploring marine life, and multiple levels of sailing instruction.

The Waterfront Program is an important and unique feature of the Eckerd College community. While providing a reprieve from the rigors of the classroom, the Waterfront Program also provides students with an added extracurricular dimension — a chance to learn life-long water sports skills and to make valuable contributions to the community.

## **HEALTH SERVICES**

Health services at Eckerd College are focused upon providing accessible, cost-effective, high quality primary care and preventative services to the students of Eckerd College. The Health Center on campus is supervised by a physician and staffed by registered nurses experienced in college health. Referral for more serious evaluation and treatment is made to nearby physicians and medical specialists. Two full-service hospitals, with state-of-the-art emergency services, are within 10 minutes of the college campus.

The Health Center provides examinations, diagnostic tests, allergy injections, immunizations, medications, well-woman care, supplies, and minor procedures. Payment is due at the time of service and may be made by cash, personal check, major credit card, or charged to the student's account. Most major insurance plans are accepted. No student will be refused care because of an inability to pay at the time of service.

The Health Center staff works closely with Eckerd College Counseling Services and the Eckerd College Health Educator to provide a holistic approach to meeting student health and wellness needs.

## COUNSELING SERVICES

College students encounter new and different experiences and face many difficult life decisions. There may be times when they need some help negotiating these challenges.

Eckerd College Counseling Services offers an atmosphere where personal concerns can be examined and discussed freely and confidentially. Such an atmosphere increases the chance that problems and conflicts will be resolved successfully.

Through the counseling process, students come to see themselves and others in a different light, learn how to change self-defeating habits and attitudes, and become more able to make a positive contribution to the lives of others.

Counselors are interested in assisting students with personal, intellectual, and psychological growth and development. The Office of Counseling Services is fully staffed by two full-time and three part-time therapists, and all services are free and completely confidential.

In addition to providing psychological counseling for students, Counseling Services staff offer consultation services to faculty, staff, and students who need specialized programs or information regarding psychological issues such as conflict resolution, crisis intervention, or wellness related issues. Topical presentations and workshops are available by request.

The Office of Disability Support Services (DSS) is also housed in Counseling Services, providing support services that enable students with disabilities to participate in, and benefit from, all College programs and activities. DSS ensures that otherwise qualified individuals with disabilities are protected from discrimination in the educational setting. Accommodations for Eckerd College students with disabilities are arranged through the DSS office. Guidelines for eligibility of accommodations are available at the Office of Counseling Services and on the Eckerd College website [www.eckerd.edu](http://www.eckerd.edu).

The Eckerd College Office of Counseling Services, an active member of the American College Health Association, is also committed to providing accessible, cost-effective, high quality primary care, preventative services and health

education to the students of Eckerd College. The Office of Counseling Services strives to integrate the universal concepts of wellness and health promotion.

## STUDENTS OF COLOR

As evidence of its active commitment to recruit and encourage minority students, Eckerd supports a number of programs in this field. Visits to the campus give students of color who are considering Eckerd College a chance to view the college, visit the faculty, live in the residence halls, and talk with other students.

The Office of Multicultural Affairs works with students, faculty, and staff to plan a full range of programs that celebrate diversity. The Office of Multicultural Affairs is available to provide assistance for any special needs of students of color.

## DAY STUDENTS

Students who are married, are over 22 years of age, or who live with their families are provided with campus post office boxes and a college e-mail address to receive communications. Opportunities for participation in campus sports, activities, cultural events, and student government (ECOS), are available to day students.

## ATHLETICS

Eckerd College is a member of the National Collegiate Athletic Association. Men play a full intercollegiate schedule in baseball, basketball, golf, soccer, and tennis. Women's intercollegiate sports include basketball, golf, soccer, softball, tennis, and volleyball. The College is a member of the Sunshine State Conference, and both men and women play NCAA Division II competition.

The McArthur Physical Education Center houses locker rooms, physical education faculty offices, two basketball courts, a weight room, three volleyball courts, a swimming pool, and areas of open space. The Turley Athletic Complex includes lighted baseball and softball fields, a lighted, synthetic turf soccer field, grandstands, and a building which consists of a locker room facility and a snack bar.

# ADMISSION

## ADMISSION POLICY

Eckerd College seeks to admit students of various backgrounds, ethnic and national origins who are prepared to gain from the educational challenge they will encounter at the College while also contributing to the overall quality of campus life. Admission decisions are made after a careful review of each applicant's aptitudes, achievements, and character. When you apply, we will look at your academic performance in college preparatory courses (mathematics, science, social studies, English, foreign languages, creative arts). We will also consider your performance on the college entrance examinations (ACT or SAT I). We do not consider the SAT or ACT writing test as a factor in the admission decision. SAT II's are not required. Your potential for personal and academic development and positive contribution to the campus community is important, and we will look closely at your personal essay, record of activities, and recommendations from your counselors and/or teachers.

## FRESHMAN ADMISSION

High school juniors and seniors considering Eckerd College should have taken a college preparatory curriculum. Our preference is for students who have taken four units of English, three or more units each of mathematics, sciences, and social studies, and at least two units of a foreign language. Although no single criterion is used as a determinant for acceptance and we have no automatic "cutoff" points, the great majority of students who gain admission to Eckerd College have a high school average of B or better in their college preparatory courses and have scored in the top 25 percent of college-bound students taking the ACT or SAT I.

## APPLICATION PROCEDURES FOR FRESHMEN

1. Complete and return your application, along with your essay and the \$40 application fee (non-refundable) to the Office of Admission no later than **April 1** of the senior year. Students who are financially unable to pay the \$40 application fee may request a fee waiver. Eckerd College accepts the Common Application in lieu of its own form and gives equal consideration to both. Applications may be found online at [www.eckerd.edu/apply](http://www.eckerd.edu/apply).
2. Request the guidance department of the secondary school from which you will graduate to send an official academic transcript and personal recommendation to: Office of Admission, Eckerd College, 4200 54th Avenue South, St. Petersburg, Florida 33711.
3. Submit results of the SAT I, offered by the College Entrance Examination Board or the ACT, offered by the American College Testing Program. Test results must be sent directly from the testing agency or included on your official high school transcripts.

First-year students may apply under our Early Action or Regular Decision process. Early Action applicants must have completed application and supporting materials sent to our office by **November 15**. Notification of admission status will be mailed by **December 15**. Applications completed after **November 15** will have regular decision notification delivered on a rolling basis.

## TRANSFER ADMISSION

Eckerd College welcomes students from other colleges, universities, junior, and community colleges that have earned regional accreditation. A transfer student is defined as anyone who has taken post-secondary courses after receiving a high school diploma or its equivalent. There is no minimum number of courses required to be considered a transfer student. Applicants are expected to be in good academic and social standing at the institution last attended and eligible to return to that institution.

## APPLICATION PROCEDURES FOR TRANSFER ADMISSION

1. Complete and return application form to the Office of Admission with an application fee of \$40 (non-refundable) by **August 1** for fall term and **December 1** for winter term. Applications may be found online at [www.eckerd.edu/apply](http://www.eckerd.edu/apply).
2. Request that official college transcripts be sent to us from each college or university you have attended.
3. Send a record of college entrance exams (SAT I or ACT). This may be waived if you have completed more than two full-time semesters of college level work.
4. Request a letter of recommendation from one of your college professors.
5. If you have completed less than two full-time semesters at another college, you must submit your final high school transcripts. If you have completed more than two full-time semesters at another college, you must submit proof of high school graduation by submitting either your final high school transcripts or a copy of your high school diploma.
6. Request a Dean's Report to be completed by your current/previous institution. A Dean's Report is included in the Application for Admission and may also be found on our website.

Transfer student applications are reviewed on a rolling basis beginning in October and continuing through the academic year for the following fall. Students considering mid-year admission for winter term (January) are advised to complete application procedures by **December 1**. Applicants for fall entry should complete procedures by **August 1**.

## EVALUATION AND AWARDING OF TRANSFER CREDIT

Credit is awarded for courses which fit Eckerd College's mission of providing an undergraduate liberal arts education and are comparable to Eckerd College courses. Transfer courses must be appropriate to a baccalaureate education and may indicate mastery of a particular body of knowledge or reflect the intellectual and practical skills that

result from a liberal education such as critical inquiry and analysis, effective written and oral communication, quantitative and information literacy. No credit is granted for courses at a remedial level or at a level lower than those offered at Eckerd. Transfer credit is normally given for courses meeting the above criteria and completed with an earned grade of C- or better at a regionally accredited institution. Eckerd College is a participating institution in the Articulation Agreement between the Florida Community College System and the Independent Colleges and Universities of Florida (ICUF).

It is the policy of the college to:

1. Award a two-year block of credit to students who have earned an Associate of Arts degree with a cumulative grade point average of at least 2.0. Grades and quality point averages earned at other institutions, however, are not transferred to Eckerd and are not used in computing the student's Eckerd College grade point average.
2. Accept, for transfer students without Associate of Arts degrees, only those appropriate courses in which grades of C- or higher were earned.
3. Accept a maximum of 63 semester hours of transfer credit toward meeting the number of courses required for graduation. The last two academic years (four 14-week terms, two short terms) of study for an Eckerd College degree must be completed at Eckerd.
4. Request that applicants who have earned credits more than five years ago, or whose earlier academic records are unavailable or unusual, direct special inquiry to the Office of Admission.
5. Award transfer credit toward meeting the requirements of a major at the discretion of the faculty.

Applicants wishing to receive transfer credit for work done outside the United States should have their educational backgrounds evaluated through an international transcript evaluation service and have an official transfer credit recommendation sent to Eckerd College.

## PROCEDURES AFTER ACCEPTANCE

As soon as a student has decided to matriculate at Eckerd College for the Autumn Term or fall semester, a \$400 enrollment deposit and the Candidate Reply Form must be sent to the Office of Admission, postmarked no later than **May 1**. This deposit is refundable until **May 1**. Students accepted to matriculate for the winter term should send a \$400 non-refundable enrollment deposit with the Candidate Reply Form within 30 days of receipt of the acceptance letter. The enrollment deposit is applied toward tuition costs and credited to the student's account.

A Student Information Form, Health Form, and Housing Information are available online for all accepted students. The Student Information Form and Housing Form should be submitted by **June 1**. These forms enable us to begin planning for needs of the entering class of residential and commuting students.

The Health Form should be completed by your personal physician and forwarded to Health Services prior to the enrollment date.

## COLLEGE LEVEL EXAMINATION PROGRAM

Course credit will be awarded on the basis of C level scores received on the College Level Examination Program (CLEP) as recommended by the American Council on Education. The amount of academic credit possible through CLEP is limited to three courses. Credit is awarded for

EVALUATION	MAXIMUM COURSE CREDIT
<b>Composition and Literature</b>	
American Literature	1
Analyzing and Interpreting Literature	1
College Composition Modular (No essay)	1
English Literature	1
<b>Foreign Languages</b>	
College French (Levels 1 and 2)	2
College German (Levels 1 and 2)	2
College Spanish (Levels 1 and 2)	2-3
<b>Social Sciences and History</b>	
American Government	1
History of the U.S. I: Early Colonizations to 1877	1
History of the U.S. II: 1865 to Present	1
Human Growth and Development	1
Introduction to Educational Psychology	1
Principles of Macroeconomics	1
Principles of Microeconomics	1

## EQUIVALENCY CERTIFICATES

Students who have not completed a high school program but who have taken the General Education Development (GED) examinations may be considered for admission. In addition to submitting GED test scores, students will also need to supply ACT or SAT I test results.

## ADMISSION INTERVIEW

Students considering Eckerd College are strongly urged to visit the campus for an interview with an admission counselor. We also encourage you to visit a class and meet students and faculty members. An interview is not required for admission but is always a beneficial step for you, the student, as well as for those of us who evaluate your candidacy. Phone interviews may also be arranged.

exams in subject areas comparable to those accepted as transfer credit and must not duplicate courses accepted from other institutions or courses taken at Eckerd. Use of CLEP credit toward meeting the requirements of a major is at the discretion of the faculty. Credit is awarded for the following:

EVALUATION	MAXIMUM COURSE CREDIT
<b>Social Sciences and History continued</b>	
Intr oductory Psychology	1
Intr oductory Sociology	1
Western Civilization I: Ancient Near East to 1648	1
Western Civilization II: 1648 to the Present	1
<b>Science and Mathematics</b>	
Precalculus	1
Calculus	1
College Algebra	1
Biology	1
Chemistry	1
<b>Business</b>	
Information Systems and Computer Applications	1
Financial Accounting	1
Intr oductory Business Law	1
Principles of Marketing	1

International students may not use CLEP to receive college credit for elementary or intermediate foreign language in their native tongue. CLEP results should be sent to the Dean of Admission.

## EARLY ADMISSION

Eckerd College admits a few outstanding students who wish to enter college directly after their junior year in high school. In addition to regular application procedures outlined above, early admission candidates must submit a personal letter explaining reasons for early admission; request letters of recommendation from an English and a mathematics teacher; and come to campus for an interview with an admission counselor. A high school diploma or GED is required for early admission.

## DEFERRED ADMISSION

A student who has been accepted for admission for a given term may request to defer enrollment for up to one year. Candidates must submit a statement in writing which explains his/her plans for the time of deferral. Requests should be addressed to the Director of Admission.

To secure a place at Eckerd College for the following year and retain an academic scholarship award, a \$400 non-refundable enrollment deposit must be paid. Candidates who defer admission and take more than 12 hours of college coursework during their deferral year will need to re-apply for admission and scholarship.

## CREDIT THROUGH TESTING

Awards based on test scores are limited to one year of college credit. This means the maximum amount of credit which a student may be awarded through any combination of such programs as the College Level Examination Program (CLEP), Advanced Placement Examinations, or the International Baccalaureate program may not exceed nine Eckerd College course equivalents (31.5 semester hours). Each specific program may have further limitations on the amount of credit possible through that program.

## ADVANCED PLACEMENT

Eckerd College awards course credit on the basis of scores on the Advanced Placement examinations administered by the College Entrance Examination Board. Students who have obtained scores of **four** or **five** will be awarded credit. Applicants who seek advanced placement should have examination results sent to the Office of Admission.

## INTERNATIONAL BACCALAUREATE PROGRAM

Eckerd College will confer sophomore standing to students who have completed the full International Baccalaureate diploma and who have earned grades of five or better in their three Higher Level subjects. IB students who do not earn the full diploma may receive credit for Higher Level subjects in which grades of five or better were earned in the examinations.

## INTERNATIONAL STUDENT ADMISSION

Eckerd College enrolls students from all over the world. Our International Admission Counselor is available to assist international students through the process.



## APPLICATION PROCEDURE FOR INTERNATIONAL STUDENTS

1. Complete and return the application form including essay and an application fee of \$40 (non-refundable) at least three months prior to the desired entrance date. Applications may be found online at [www.eckerd.edu/apply](http://www.eckerd.edu/apply).
  2. Personal Statement.
  3. Letter of Recommendation from a teacher or counselor.
  4. English Proficiency Requirement – All students whose education was completed in countries other than Anguilla, Antigua and Barbuda, Australia, the Bahamas, Barbados, Bermuda, Belize, the British Indian Ocean Territory, the British Virgin Islands, Canada, the Cayman Islands, the Falkland Islands, Gibraltar, Grenada, Guam, Guernsey, Guyana, Ireland, Isle of Man, Jamaica, Jersey, Montserrat, Nauru, New Zealand, Pitcairn Islands, Saint Helena, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Singapore, South Georgia and the South Sandwich Islands, Trinidad and Tobago, the Turks and Caicos Islands, the United Kingdom, the U.S. Virgin Islands, and the United States **must** submit one of the following:
    - a. TOEFL score of at least 79 internet-based or 550 written examination
    - b. IELTS score with an overall band result of 6.5 or higher
    - c. MELAB score of at least 78
    - d. CPE with grade of C or higherExemptions for the submission of the above listed exam results include\*:
    - i. official documentation of successful completion of ELS Intensive English Language Program-Advanced Certificate Level 112 at an ELS Language Center; or
    - ii. successful completion of a total of 24 semester hours at an accredited, continental U.S. university or college (also including Alaska and Hawaii) where English is the language of instruction; or
    - iii. an earned bachelor's or higher degree from an accredited, continental U.S. university (also including Alaska and Hawaii) or college where English is the language of instruction; or
    - iv. attended for three consecutive years, and graduated from, a U.S. high school or high school abroad where English is the primary language of instruction. Student must submit a graded essay in English of at least 3000 words; or
    - v. obtained an official score of five or higher on the International Baccalaureate Higher Level Language A examination in English, or an official score of four or better on the College Board Advanced Placement Program (AP) examination in English Language; SAT or ACT required; or
    - vi. SAT Reasoning Test Critical Reading Score of 600 or higher
- \*Eckerd College will also consider waiving the examination requirement for students who completed at least three years of their secondary education in nations where English is considered the official language, yet it is not the most spoken i.e., Ghana, South Africa, Dominica, etc. Please inquire with Eckerd College Office of Admission.
5. Standardized Test Scores  
Eckerd does not require international students (non-U.S. passport holders) to submit SAT or ACT scores. If you are a native speaker of English, or have received at least three years of your secondary education at an institution where English is the primary language of instruction, you must submit a graded essay in English of at least 3000 words. Only students who plan to participate in varsity athletics are required to submit SAT or ACT scores. You may be exempt if you have completed at least 24 semester hours of full-time university studies at an institution where English is the language of instruction.

6. Certified, true copies of your secondary school records and corresponding national or provincial examination certificates. If official records are not in English, we should receive a certified translation in English in addition to the official records.
7. Financial Documentation
  - a. Original Statement of Financial Responsibility & I-20 Verification Form signed by the student and sponsor.
  - b. Sponsor's original bank statement or letter dated within one year of term of intended entry. The statement or letter must be on bank letterhead and must specify the amount available for your education and support.

## INTERNATIONAL TRANSFER STUDENTS

International transfer students should submit the materials listed on page 130 along with the following documents:

1. Transcripts from all colleges attended along with a translation/evaluation from an approved credential evaluation company. Eckerd College recommends using Josef Silney & Associates, World Education Services, Inc. or American Association of Collegiate Registrars and Admissions Officers (AACRAO). Use of another agency must be approved by the Registrar.
2. A letter of recommendation from a college professor.
3. If the student has completed less than two full-time semesters at another college, the student must submit all secondary school records. All other students must submit proof of high school graduation by submitting either the final high school transcripts or a copy of the high school diploma/certificates of completion.
4. A Dean's Report to be completed by the current/previous institution. A Dean's Report is included in the Application for Admission and may also be found on our website.

## INTERNATIONAL DIPLOMAS

The following international diplomas are accepted for consideration of admission with advanced standing:

**The General Certificate of Education of the British Commonwealth.** Students with successful scores in A level examinations may be considered for advanced placement.

**The International Baccalaureate Diploma** may qualify a candidate for placement as a sophomore (see page 129).

## READMISSION OF STUDENTS

If you have previously enrolled at Eckerd College and wish to return you should write or call the Dean of Students. It will not be necessary for you to go through admission procedures again; however, if you have been enrolled at another college or university, you will need to submit an official transcript of courses taken there. Students who leave in order to perform military service are readmitted with the same academic status as when last in attendance in accordance with the provisions of the Higher Education Opportunity Act of 2008.

To apply for readmission after dismissal, a student should write to the Dean of Faculty who chairs the Academic Review Committee.



# FINANCIAL AID

The Office of Financial Aid assists students with ways of financing educational costs. Through various institutional, federal, and state financial aid programs, Eckerd College helps students to develop financial plans, which make attendance possible.

Financial aid is a comprehensive term used to describe all sources used to finance college costs. This includes institutional scholarships, federal and state grants, educational loans, and campus employment programs. To be eligible to receive financial aid, a student must be admitted to Eckerd College and file the Free Application for Federal Student Aid (FAFSA). Gift aid programs are scholarship and grant funds which do not require repayment or a work commitment. Self-help programs are loans which are repaid through future earnings or employment programs which allow students to earn money while attending college.

Since funds may be limited, we encourage students to file the FAFSA by **March 1** prior to the start of the academic year for which they would like to receive aid. The FAFSA can be filed electronically at [www.fafsa.gov](http://www.fafsa.gov). Eckerd College's FAFSA code is **001487**.

## GIFT AID PROGRAMS

## ECKERD COLLEGE SCHOLARSHIP PROGRAMS

## RESIDENTIAL PROGRAM STUDENTS

## ECKERD ACADEMIC ACHIEVEMENT SCHOLARSHIP

Eckerd College Academic Achievement Scholarships are awarded at the time of admission. Awards are based on your academic performance, as demonstrated through high school cumulative GPA and SAT/ACT scores. These awards are available for up to four years based upon maintaining a grade point average of at least 2.0.

## ARTISTIC ACHIEVEMENT AWARDS

Eckerd College recognizes artistic achievement in music, theatre, visual arts, and creative writing. Scholarships are available to all incoming students, both majors and non-majors, in these areas. An application is required and is available at <http://www.eckerd.edu/admissions>.

## FRESHMAN RESEARCH ASSOCIATESHIPS

Eckerd College Research Associateships are awarded to incoming freshmen each year. The Associateships are awarded on the basis of the student's high school record and give students the opportunity to work closely with a member of the faculty on a research project, determined by the faculty member. This is available only in the freshman year.

## ECKERD GRANT PROGRAM

Eckerd College awards Eckerd Grant funds to students who apply for financial aid through the Free Application for Federal Student Aid (FAFSA). Awards are renewable based on continued demonstrated financial need and maintenance of the cumulative grade point average required by Eckerd College for continued eligibility to enroll (see Renewal Requirements on page 136).

## YELLOW RIBBON PROGRAM

Veterans may use their Chapter 33 benefits towards the payment of tuition and fees. Eckerd College is a participant in the Yellow Ribbon Program. The Yellow Ribbon Program provides additional financial assistance for Chapter 33 eligible veterans or their designated dependent. The Veterans Administration will match the Eckerd College Yellow Ribbon grant for qualified recipients. Please contact the Office of Financial Aid for more information on the Yellow Ribbon Program.

## **CHURCH AND CAMPUS SCHOLARSHIPS**

The Church and Campus Scholarships are need-based awards for new Presbyterian students each year who have been recommended by their pastor as possessing traits of character, leadership, and academic ability and who demonstrate the promise to become outstanding Christian citizens, either as lay persons or ministers. Students recommended by their pastor who become recipients of a Church and Campus Scholarship will receive a need based grant to be used during the freshman year and renewable annually on the basis of demonstrated financial need, leadership, and service achievement and a cumulative grade point average of at least 2.0.

## **GRANT PROGRAMS**

### **FEDERAL GRANTS**

#### **FEDERAL PELL GRANT**

The Federal Pell Grant program provides grant funds to students with high financial need. Eligibility for this program is determined by filing the Free Application for Federal Student Aid (FAFSA). Eligible students must also be enrolled in a degree program and making satisfactory progress to receive this grant. The amount of the grant ranges from \$555 to \$5,550 and is reduced for less than full time enrollment.

#### **FEDERAL SUPPLEMENT EDUCATIONAL OPPORTUNITY GRANT**

The Federal SEOG grant is awarded by Eckerd College to students who are eligible for the Federal Pell Grant. These limited funds are awarded to students with exceptional financial need. Applicants must submit the Free Application for Federal Student Aid (FAFSA).

### **STATE GRANT PROGRAMS**

#### **FLORIDA RESIDENTS**

The state of Florida provides scholarship and grant programs for Florida residents. All Florida scholarship and grant recipients must annually complete a FAFSA.

#### **FLORIDA RESIDENT ACCESS GRANT**

The Florida Resident Access Grant (FRAG) supports Florida students attending a private college or university. Students must be residents of Florida and enroll full time. This award is not made on the basis of academic achievement or on the basis of financial need. For renewal, students must complete a minimum of 24 credit hours and achieve a 2.0 cumulative grade point average. Please contact the Office of Financial Aid for application requirements.

#### **FLORIDA BRIGHT FUTURES SCHOLARSHIP**

The Florida Bright Futures Scholarship programs are awarded to Florida high school graduates who have demonstrated academic achievement, meet Florida residency requirements, and enroll at least half time in an eligible Florida college. Students must meet the academic requirements established by the state of Florida for renewal of the scholarship.

Students are paid based on the number of credit hours they are enrolled in for the semester. Florida Academic Scholars will receive \$101.00 per credit hour. Florida Medallion and Florida Gold Seal recipients will receive \$76.00 per credit hour. If a student withdraws from a course after the Bright Futures scholarship has been paid (typically after drop/add period has ended), the equivalent scholarship amount must be returned to the state by Eckerd College. Students must repay this amount to Eckerd to maintain their renewal eligibility. Please contact the Office of Financial Aid if you have any questions.

## FLORIDA STUDENT ASSISTANCE GRANT

The Florida Students Assistance Grant (FSAG) is awarded by Eckerd College on the basis of financial need and fund availability. Applicants must be residents of Florida, complete the Free Application for Federal Student Aid (FAFSA), meet eligibility guidelines established by the State of Florida, and be enrolled as a full time student. Since funds are limited, students are encouraged to file the FAFSA before the March 1st priority deadline. Renewal of this award is based on continued financial need, fund availability, and academic progress demonstrated by completing 24 credit hours and maintaining a 2.0 cumulative grade point average.

## OTHER STATE SCHOLARSHIPS

The states of Vermont, Rhode Island, Pennsylvania, Maryland, and Michigan allow their state scholarship awards to be used for attendance at Eckerd College. Please contact your state scholarship agency for application and renewal information.

## PRIVATE SCHOLARSHIPS

Many private individuals and organizations support continued education through scholarship programs. Students are encouraged to explore private funding through local civic organizations, church groups, or businesses. A free scholarship search is available on the web at [www.fastweb.com](http://www.fastweb.com).

## SELF-HELP PROGRAMS

Students contribute to educational expenses by borrowing through student loan programs or working on student employment programs.

## LOANS

### FEDERAL PERKINS LOAN

The Federal Perkins Loan is awarded by Eckerd College to students with exceptional financial need. These loans are funded by Federal and Eckerd College contributions and are limited. The interest rate is 5%. Interest begins to accrue during repayment, which begins nine months after the borrower is no longer enrolled in college at least half time and continues for up to ten years, with a \$50 minimum monthly payment. Students must complete the Free Application for Federal Student Aid (FAFSA) to be considered for this program.

### FEDERAL DIRECT LOAN PROGRAM

The Federal Direct Loan program allows students to borrow low cost, long term to assist with educational expenses. Repayment begins six months after a student is no longer enrolled at least half time in college and continues for up to ten years. All applicants for the Direct Loan must complete the Free Application for Federal Student Aid (FAFSA) for Direct consideration. With a **subsidized** Direct Loan, the Federal government pays the interest when the borrower is enrolled at least half time in an eligible degree program and during the six month grace period. With an **unsubsidized** Direct Loan, the student is responsible for the interest. Students can elect to have the interest capitalize while attending college and added to the principal before entering repayment.

Students can receive a maximum amount of Direct Loan funds depending upon their grade level. Freshmen students may borrow up to \$3,500 per year. Sophomore students may borrow up to \$4,500 per year. Junior and senior students may borrow up to \$5,500 per year. If the student has financial need, the loan, or portion of the loan, will be **subsidized**. When there is no remaining financial need, then the loan, or portion of the loan, is **unsubsidized**. All students are eligible for an additional \$2,000 in unsubsidized Direct Loan.

Independent students and dependent students whose parents are unable to receive the Federal PLUS loan have extended annual borrowing limits. These extended loans are unsubsidized loans. Freshmen and sophomore students may borrow an additional \$4,000 per year. Junior and senior students may borrow an additional \$5,000 per year.

### **FEDERAL PLUS LOAN PROGRAM**

Parents of undergraduate dependent students may borrow the difference between college costs and the student's financial aid from the Federal PLUS loan program. Repayment begins after the second disbursement has been made on the loan and continues for up to ten years. Repayment may be deferred as long as the student is enrolled at least half-time. Eligibility is determined by the Federal Direct Loan program. Please contact the Office of Financial Aid for further information.

### **THE MARY E. MILLER PEL STUDENT LOAN FUND**

This fund was established through the generosity of Mary E. Miller '97, to provide short-term, no interest loans to PEL students, enabling them to continue their education without interruption.

### **ECKERD COLLEGE LOANS**

Eckerd College has limited institutional loan funds available for students with exceptional need. For additional information, please contact the Office of Financial Aid.

### **ALTERNATIVE LOAN PROGRAMS**

Private lenders offer alternative loan programs for students. These loans are not supported by federal funds and are not governed by federal regulations. The interest rate is based on credit scoring. Eligibility is determined by the lender, who may require a co-signer for the loan. Repayment terms vary depending upon the program. The Free Application for Federal Student Aid (FAFSA) is not required for this program. Additional information can be obtained through the Office of Financial Aid.

## **EMPLOYMENT**

The Career Services Office assists students in finding part-time employment both on and off campus. Placement preference on campus is given to students with financial need.

### **FEDERAL WORK STUDY PROGRAM**

The Federal Work Study program provides employment opportunities to needy students. A Free Application for Federal Student Aid (FAFSA) must be completed to be considered for this program. Students are paid for the hours that they have worked.

## **VETERANS' BENEFITS**

Eckerd College is approved for the education and training of veterans, service members, and dependents of veterans eligible for benefits under the various V.A. educational programs. Students who may be eligible for V.A. benefits are urged to contact their local V.A. office as soon as accepted by the College and apply for benefits through the Department of Veterans Affairs ([www.gibill.va.gov](http://www.gibill.va.gov)). Once approved, the student should bring a copy of the Certificate of Eligibility to the Office of the Registrar. No certification can be made until the Certificate of Eligibility is on file. Since the first checks each year are often delayed, it is advisable for the veteran to be prepared to meet all expenses for about two months. There are special V.A. regulations regarding independent study, audit courses, standards of progress, special student enrollment, dual enrollment in two schools, and summer enrollment. It is the student's responsibility to contact the V.A. office concerning special regulations and to report any change in status which affects the rate of benefits.

A student's V.A. education benefits will be terminated if he/she remains on probation for more than two consecutive semesters/terms as mandated by The Department of Veterans Affairs.

## APPLYING FOR FINANCIAL AID

The financial aid programs offered by Eckerd College require the applicant to complete the Free Application for Federal Student Aid (FAFSA). The financial information analyzed from the FAFSA provides a foundation for the equitable treatment of all financial aid applicants. The FAFSA form must be completed annually. Applications are available on line at [www.fafsa.gov](http://www.fafsa.gov). There is no application charge.

To receive federally sponsored financial aid, an applicant must be a U.S. citizen or eligible non-citizen; be pursuing a degree program; be making academic progress towards a degree; and not be in default on a federal student loan or owe a repayment on a federal grant.

Since some funds are limited, we encourage students to complete the FAFSA application by **March 1**.

At times, applications are chosen for a process called verification. Verification requires that tax returns and other information be submitted to the Office of Financial Aid for review. Most financial aid awards will not be made until the verification process has been completed.

## RENEWAL REQUIREMENTS

Most financial aid awards can be renewed based upon academic progress or continued financial need.

Eckerd College Academic Achievement Scholarships require a 2.0 cumulative grade point average for renewal.

All federal financial aid and Eckerd College Grants, awarded on financial need, are renewed based on maintaining the cumulative grade point average required by Eckerd College for continued eligibility to enroll (see Probation on page 26) **and** completion of 67% of credits attempted. Students not meeting these standards will be placed on financial aid probation. Students on probation are not eligible for federal financial aid. Students may appeal their probation status.

Any questions, concerns or appeals of financial aid decisions should be directed to the Office of Financial Aid.

## STUDENT CONSUMER INFORMATION

### CAMPUS SAFETY

In accordance with the Campus Awareness and Campus Security Act of 1990 and recent amendments known as the Cleary Act and associated amendments to the Higher Education Act, Eckerd College provides information relating to crime statistics and security measures to prospective students, enrolled students, and employees. The Eckerd College Office of Campus Safety submits an annual report on crime statistics to the State of Florida and, beginning in 2000, to the Federal Department of Education. To view this and related information, please go to the following link: <http://www.eckerd.edu/safety/stats.html>.

### GRADUATION RATES

Information concerning graduation rates at Eckerd is available upon request from the Office of Institutional Research. Graduation rates for students who receive athletically related aid, listed by team and gender, are also available. Contact the Office of Institutional Research at Eckerd College for a copy of the report.

### RIGHTS UNDER FAMILY EDUCATION RIGHTS AND PRIVACY ACT (FERPA)

Students and parents may obtain information pertaining to their rights under the Family Education Rights and Privacy Act. The procedures for obtaining and the right to review the student's academic and educational records may be requested from the Registrar's office (see page 29).

# EXPENSES

Eckerd College is a private, non-tax-supported institution. Tuition and fees pay only a portion of the educational costs per student. Thanks to the support of donors, the balance of costs is paid from endowment income and gifts from individuals, Presbyterian Churches, and various corporations.

The following schedules list the principal expenses and regulations concerning the payment of fees for the academic year 2011-12. All fees and expenses listed below are those in effect at the time of publication of the catalog. They are subject to change by the action of the Board of Trustees. When such changes are made, notice will be given as far in advance as possible.

## COMPREHENSIVE CHARGES

	<b>Resident</b>	<b>Commuter</b>
Tuition .....	\$34,250 <sup>1</sup>	\$34,250 <sup>1</sup>
Room and Board .....	9,652 <sup>2</sup>	
Total .....	<u>\$43,902</u>	<u>\$34,250</u>

<sup>1</sup>The full-time tuition fees cover a maximum of ten (10) course registrations during the academic year. This includes one short term project, four courses each 14-week term, and one extra course. Sophomores, Juniors and Seniors may take the extra course in either the fall or spring 14-week term. Freshmen may take the extra course in the spring 14-week term. Year long or two-year long courses may be taken without an overload charge. Registrations beyond these limits will result in additional tuition charges. Courses in which the student receives an F or W still count as part of the ten (10) maximum course registrations.

**It is the responsibility of the student to monitor his/her registrations to meet the required course load within the tuition cost. There will be no adjustments to tuition cost for courses in which students receive a W grade.**

<sup>2</sup>Students with home addresses outside a 30 mile radius of the college are required to live on campus. Exceptions may be made with the approval of the Associate Dean of Students. Since resident students are required to participate in the board plan, all resident students will be charged for both room and board.

A Student's Organization Fee of \$296 per academic year is collected in addition to the above charges. Cost of books and supplies is approximately \$500 per semester.

## TUITION AND SEMESTER FEES

Tuition, full-time per semester: \$17,125  
 Students' Organization Fee, per semester: \$148

## ROOM AND BOARD

	<b>Semester</b>	<b>Annual</b>
Double Occupancy	\$2,429	\$4,858
Traditional Double Single	\$3,483	\$6,966
Traditional Single	\$3,116	\$6,232
Traditional Corner Double	\$2,741	\$5,482
Iota Double	\$3,219	\$6,438
Iota Hall Single	\$3,599	\$7,198
Nu-Dorm	\$2,854	\$5,708
Oberg - Double	\$2,430	\$4,860
Oberg - Single	\$3,228	\$6,456
Oberg - Suite - 2 person	\$3,228	\$6,456
Oberg - Suite - 4 person	\$2,731	\$5,462
Omega Double	\$3,341	\$6,682
Omega Single	\$3,752	\$7,504
Sigma Dorm	\$3,175	\$6,350

Charges above the base rate for single occupancy of double room or for single room will be added to Comprehensive Charges. These added charges are noted above.

Room Damage Deposit: \$50.00. This deposit is required in anticipation of any damage which may be done to a dormitory room. If damage is in excess of the deposit, the balance will be charged to the student's account. Any balance left of the deposit will be refunded to the student upon leaving college.

## MEAL PLANS

Meal plans are required for students who live on campus in residence halls other than Omega. New incoming students are automatically enrolled in the Tier A-250 meal plan, returning students are enrolled in the meal plan of choice from the prior semester. Meal plans may be changed during the first two weeks of each semester by submitting a change form to the Residence Life office.

	<b>Semester Plan</b>	<b>Semester Tax</b>	<b>Annual Cost</b>
Tier A-250 Plan	\$2,240	\$157	\$4,794
Tier A-210 Plan	\$2,240	\$157	\$4,794
Tier B Plan	\$2,064	\$145	\$4,418
Tier C Plan	\$1,963	\$137	\$4,200

## FEE FOR PART-TIME STUDENTS

Tuition per course: \$4,110

Students are considered part-time when they enroll for fewer than three (3) courses per semester.

## OVERLOAD FEE

Tuition per course: \$4,110

Cost for enrolling in more than ten (10) courses per academic year.

## AUDIT FEE

Tuition per course:  
(no credit or evaluation) \$575

Full-time students may audit courses without fee with the permission of the instructor.

**LAB FEE (per scientific course)** \$60

A fee assessed to all students participating in a scientific laboratory course.\*

**PARKING FEE** \$100

All vehicles must be registered with the security office. Fee is assessed annually.

**PET FEE** \$125

Pets are allowed only in designated dorms at an additional charge.

## LATE PAYMENTS

**Late Fee:** \$50

A charge assessed for payments received after the scheduled due dates. In addition a monthly finance charge will be assessed on all outstanding balances. The rate is adjusted quarterly.

## MISCELLANEOUS FEES

**Application Fee:** \$40

This fee accompanies the application for admission submitted by new students.

**Application Fee for Study Abroad:** \$400

This fee accompanies the application for study abroad.

**Audit Fee:** (per course) \$575

**Credit by Examination Fee:** (per course) \$995

A fee for an examination to determine proficiency in a particular subject to receive course credit.

**Enrollment Deposit:** \$400

A fee required for each new student upon acceptance to reserve the student's place in class. This fee will be applied against the comprehensive charges. Non-refundable.

**Graduation Fee:** \$160

Processing fee for graduation. Does not cover academic attire.

**Health Insurance:** (subject to change)

Domestic \$155

International \$575

**Individual Course Cost:** \$4,110

**Lost Key:**

Cost for lost dormitory room key. \$100

**Music Instruction:**

1 hour per week \$693/semester \$1,386/year

1/2 hour per week \$347/semester \$694/year

**Orientation Fee:** (New Students) \$160

This fee partially covers the additional cost of special activities.

**Overload Tuition:** (per course) \$4,110

Cost for enrolling in more than ten (10) courses per academic year.

**Replacement ID/Meal Card:** \$30

**Returned Check Fee:** (NSF) \$50

A fee assessed for each check returned by the bank for nonpayment.

**Short Term Tuition:** \$4,110

(Autumn or Winter)

**Transcript Fee:** (per transcript) \$8

For special handling costs see "Requesting a Transcript" at [www.eckerd.edu/registrar](http://www.eckerd.edu/registrar).

\*Other fees may apply to other courses.

## HEALTH INSURANCE

Accident Insurance (Plan I) is provided by the college and covers the student for the academic year (9 months) at no charge. All full-time students are automatically enrolled in the major medical (Plan II) expanding the accident insurance to cover sickness as well as accidents for a full 12 months. **Participation in this plan is automatic unless a signed waiver card is returned to the Bursar's Office.**

## BILLING AND PAYMENT METHODS

Payments are due in full by the due dates listed on the Bursar's website at [www.eckerd.edu/bursar](http://www.eckerd.edu/bursar). No student shall be permitted to register for a semester unless all balances are paid in full. For your convenience, MasterCard, VISA, American Express, and Discover payments are accepted by telephone, written request, or on-line through the E-Bill system.

Monthly billing is provided electronically through the E-Bill system. Students and authorized users may access a student's account through E-Bill, the Eckerd College billing and account information system. Unless you elect, you will only receive one account statement by mail at the start of each semester. Thereafter, your monthly bill will only be available on-line. An e-mail notification will be sent to the student and authorized users when a new bill is generated each month. It is the student's responsibility to manage and satisfy their student account through the E-Bill system.

If you have any questions or need further information concerning E-Bill please visit [www.eckerd.edu/bursar](http://www.eckerd.edu/bursar).

Students desiring a monthly payment plan must make arrangements through the following company providing this service.

Sallie Mae Tuition Pay  
One AMS Place  
P.O. Box 100  
Swansea, MA 02777  
800-635-0120  
[www.TuitionPayEnroll.com](http://www.TuitionPayEnroll.com)

All arrangements and contracts are made directly between the parent and Sallie Mae Tuition Pay.

## SHORT-TERM LOANS

The college has limited funds for emergency short-term loans up to \$50. These loans must be paid within a maximum thirty day period. Students should apply to the campus cashier for such loans.

## STUDENTS WHO WITHDRAW FROM ECKERD COLLEGE MUST COMPLETE THE FOLLOWING STEPS:

1. Complete a withdrawal form in the Student Affairs office.
2. Have the withdrawal form signed in the Financial Aid office. If you have been awarded the Federal Direct Loan, you must have exit counseling.
3. If you have been awarded the Federal Perkins Loan or an institutional loan, you must complete exit counseling for those loans in the Student Loan office located in the Bursar's office.
4. Return the withdrawal form to the Student Affairs office and schedule an appointment for a brief interview with the Dean of Students.
5. Go to the Housing office and complete a room inventory.
6. Go to the Bursar's office to determine the status of your account, and determine what refunds must be returned to applicable assistance programs and, if applicable, to the student (see pertinent information in sections below).

Please note additional information in the Eckerd College Financial Guide concerning withdrawal policies and procedures.

## TUITION REFUND POLICY CHARGES

All charges for a semester will be canceled except the \$400 acceptance fee for those withdrawing before the start of classes.

For those students withdrawing after the start of classes, the following refund will be issued for tuition, room, and meals. There will be no refund for fees. **It is the student's responsibility to notify the Dean of Students office of their withdrawal.**

**Students who fail to notify the Dean of Students office will be assessed an administrative fee.**

Within 7 days	75%
Within 15 days	50%
Within 25 days	25%
After 25 days	No Refund

For those students withdrawing within 15 calendar days of the first day of a short term (autumn/winter terms), the following refund will be issued for tuition, room and meals:

Within 7 days	50%
Within 15 days	25%
After 15 days	No Refund

## FINANCIAL AID

**Institutional Aid** may be pro-rated based on date of withdrawal.

**Florida Resident Access Grant and Florida Student Assistance Grant** will be granted only if the withdrawal occurs after the end of the drop/add period.

**Bright Futures** recipients must repay scholarship amounts.

**Federal Aid** is granted based on a specific Federal formula which is applied to students at Eckerd College through 60% of the semester. By the Federal formula, it is determined whether any refund must be returned by the institution and by the student to Federal Aid programs. The Federal Aid Programs are:

- Federal Unsubsidized Direct Loan
- Federal Subsidized Direct Loan
- Federal Perkins Loan
- Federal PLUS Loans
- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant
- Other Title IV Assistance

It is important to note that students with financial aid who withdraw during a semester may owe a balance to the College because of the loss of aid and because only a percentage of charges are cancelled.

## STUDENT/PARENT APPEAL PROCESS OF WITHDRAWAL POLICIES

Any student or parent may appeal any decision made concerning a refund of Title IV Federal assistance in relation to the withdrawal policies described above. The appeal may be addressed to the Director of Financial Aid at the Financial Aid office, Eckerd College.

## ADMINISTRATIVE HOLD

An administrative hold will be placed on a delinquent balance; the hold will prevent registration and the release of transcripts and diploma. Students who default on any Federal Title IV loans or an Institutional loan will have their academic transcripts at Eckerd College withheld. The Registrar may not release the academic transcript until the College receives notification in writing from the applicable guarantee agency, the Department of Education, or other holder of the defaulted loan that the default status has been resolved.

**Federal Title IV Loans affected by this policy are as follows:**

- Federal Perkins Loan
- Federal Subsidized Direct Loan
- Federal Unsubsidized Direct Loan

**Institutional Loans affected by this policy are:**

- Beck Donor
- Ben Hill Griffin
- Frueauff
- Helen Harper Brown
- Noyes
- Oberg
- Selby
- Trockey

To resolve the default status, the borrower holding a Federal Perkins Loan or Institutional Loan should contact the Eckerd College Bursar's office. The borrower holding a defaulted Direct Loan should contact the lender or guarantee agency. Provisions may be obtained for satisfactory arrangements for repayment to resolve the default status. Also, consolidation of Federal loans or other alternatives may be available to resolve the default.

The Registrar will also withhold the academic transcript and/or diploma for the students who withdrew or graduated from Eckerd College owing a balance on their student accounts. To resolve the debt, contact the Bursar's office.

# THE FACULTY OF ECKERD COLLEGE

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# FACULTY AWARDS

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## ROBERT A. STAUB DISTINGUISHED TEACHER AWARD

1980	<b>William B. Roess</b> <i>Professor of Biology</i>	1997	<b>Victoria J. Baker</b> <i>Associate Professor of Anthropology</i>
1981	<b>Julienne H. Empric</b> <i>Professor of Literature</i>	1998	<b>David Kerr</b> <i>Assistant Professor of Mathematics</i>
1982	<b>J. Thomas West</b> <i>Professor of Psychology and Human Development Services</i>	1999	<b>William F. Felice</b> <i>Assistant Professor of Political Science</i>
1983	<b>A. Howard Carter, III</b> <i>Professor of Comparative Literature and Humanities</i>	2000	<b>Jeffrey A. Howard</b> <i>Associate Professor of Psychology</i>
1984	<b>Peter K. Hammerschmidt</b> <i>Professor of Economics</i>	2001	<b>James R. Goetsch, Jr.</b> <i>Assistant Professor of Philosophy</i>
1985	<b>Molly K. Ransbury</b> <i>Professor of Education</i>	2002	<b>W. Guy Bradley</b> <i>Associate Professor of Molecular Physiology</i>
1986	<b>John E. Reynolds, III</b> <i>Associate Professor of Biology</i>	2003	<b>Elizabeth A. Forsy</b> <i>Associate Professor of Environmental Sciences</i>
1987	<b>James G. Crane</b> <i>Professor of Visual Arts</i>	2004	<b>Anne J. Cox</b> <i>Associate Professor of Physics</i>
1988	<b>Tom Oberhofer</b> <i>Professor of Economics</i>	2005	<b>Marjorie Sanfilippo Hardy</b> <i>Associate Professor of Psychology</i>
1989	<b>Kathryn J. Watson</b> <i>Professor of Education</i>	2006	<b>Edward T. Grasso</b> <i>Professor of Decision Sciences</i>
1990	<b>J. Peter Meinke</b> <i>Professor of Literature</i>	2007	<b>Laura Reiser Wetzel</b> <i>Associate Professor of Marine Geophysics</i>
1991	<b>Carolyn Johnston</b> <i>Professor of American Studies</i>	2008	<b>Alison Ormsby</b> <i>Associate Professor of Environmental Studies</i>
1992	<b>Diana Fuguitt</b> <i>Associate Professor of Economics</i>	2009	<b>Harry W. Ellis</b> <i>Professor of Physics</i>
1993	<b>Arthur N. Skinner</b> <i>Associate Professor of Visual Arts</i>	2010	<b>Barnet P. Har tston</b> <i>Associate Professor of History</i>
1994	<b>Olivia H. McIntyre</b> <i>Associate Professor of History</i>	2011	<b>Denise Flaherty</b> <i>Assistant Professor of Biology</i>
1995	<b>Mark H. Davis</b> <i>Associate Professor of Psychology</i>		
1996	<b>Suzan Harrison</b> <i>Assistant Professor of Rhetoric</i>		

## SEARS ROEBUCK TEACHING EXCELLENCE/ CAMPUS LEADERSHIP AWARD

1991	<b>Jewel Spears Brooker</b> <i>Professor of Literature</i>
1992	<b>George P. E. Meese</b> <i>Professor of Rhetoric</i>
1993	<b>Tom Oberhofer</b> <i>Professor of Economics</i>

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## JOHN M. BEVAN TEACHING EXCELLENCE/ CAMPUS LEADERSHIP AWARD

1994	<b>William B. Roess</b> <i>Professor of Biology</i>	2002	<b>Harry W. Ellis</b> <i>Professor of Physics</i>
1995	<b>Molly K. Ransbury</b> <i>Professor of Education</i>	2003	<b>Robert C. Wigton</b> <i>Professor of Political Science</i>
1996	<b>Anthony R. Brunello</b> <i>Associate Professor of Political Science and Associate Dean of Faculty for General Education</i>	2004	<b>Catherine M. Griggs</b> <i>Associate Professor of American Studies</i>
1997	<b>Kathryn J. Watson</b> <i>Professor of Education and Associate Dean for Faculty Development and Intergenerational Education</i>	2005	<b>William F. Felice</b> <i>Professor of Political Science</i>
1998	<b>John E. Reynolds, III</b> <i>Professor of Biology</i>	2006	<b>V. Sterling Watson</b> <i>Professor of Literature and Creative Writing</i>
1999	<b>Mark H. Davis</b> <i>Professor of Psychology</i>	2007	<b>Diana L. Fuguitt</b> <i>Professor of Economics</i>
2000	<b>Julienne H. Empric</b> <i>Professor of Literature</i>	2008	<b>Reggie L. Hudson</b> <i>Professor of Chemistry</i>
2001	<b>Arthur N. Skinner</b> <i>Professor of Visual Arts</i>	2009	<b>David Grove</b> <i>Professor of Chemistry</i>
		2010	<b>Elizabeth A. Forys</b> <i>Professor of Environmental Science and Biology</i>

## THE LLOYD W. CHAPIN AWARD FOR EXCELLENCE IN SCHOLARSHIP AND ART

2001	<b>John E. Reynolds, III</b> <i>Professor of Marine Science and Biology</i>	2006	<b>V. Sterling Watson</b> <i>Professor of Literature and Creative Writing</i>
2002	<b>Jewel Spears Brooker</b> <i>Professor of Literature</i>	2007	<b>Victoria J. Baker</b> <i>Professor of Anthropology</i>
2003	<b>Gregg R. Brooks</b> <i>Professor of Marine Science</i>	2008	<b>Mark H. Davis</b> <i>Professor of Psychology</i>
2004	<b>Michael G. Flaherty</b> <i>Professor of Sociology</i>	2009	<b>Peter A. Meylan</b> <i>Professor of Biology</i>
2005	<b>Reggie L. Hudson</b> <i>Professor of Chemistry</i>	2010	<b>Brian Ransom</b> <i>Professor of Visual Arts</i>

## THE JOHN SATTERFIELD OUTSTANDING MENTOR AWARD

2007	<b>Mark H. Davis</b> <i>Professor of Psychology</i>	2010	<b>Julienne H. Empric</b> <i>Professor of Literature</i>
2008	<b>Margaret R. Rigg</b> <i>Professor Emerita of Visual Arts</i>	2011	<b>Edward T. Grasso</b> <i>Professor of Decision Sciences</i>
2009	<b>Tom Oberhofer</b> <i>Professor Emeritus of Economics</i>		

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M.A., Indiana University  
Ph.D., University of Michigan

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*Special Assistant to the President for  
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B.A., Eckerd College  
M.Ed., Ed.D., University of Florida

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M.B.A., University of South Florida

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M.B.A., Bowling Green State  
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Ph.D., Kent State

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B.S., Trenton State College

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# ACADEMIC CALENDAR 2010–2011

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## AUTUMN TERM

Fri., Aug. 13  
Sat., Aug. 14  
Wed., Aug. 25  
Fri., Sept. 3

Autumn Term students arrive. Students check-in before 2:00 p.m. Ceremony of Lights.  
Autumn Term begins.  
Fall semester 2010 Freshman registration begins.  
End of Autumn Term.

## FALL SEMESTER

Wed., Sept. 1  
  
Fri., Sept. 3  
Sat., Sept. 4  
Mon., Sept. 6  
Wed., Sept. 8  
Tues., Sept. 14  
Mon.-Tues., Oct. 25-26  
Mon., Nov. 8  
Fri., Nov. 12  
  
Thurs.-Fri., Nov. 25-26  
Fri., Dec. 10  
Mon.-Thurs., Dec. 13-16  
Fri., Dec. 17

Orientation begins for new students who did not participate in Autumn Term.  
Move into residence houses. Orientation runs Wed. Sept. 1- Sat. Sept. 4.  
Residence houses open for returning students at 9:00 a.m.  
Last day of Orientation for new students who did not participate in Autumn Term.  
Fall semester begins at 8:00 a.m.  
Opening Convocation, 1:30 p.m.  
End of drop/add period for Fall semester courses.  
Fall recess (if not needed to make up class days).  
Winter Term/Spring semester 2011 registration begins at 10:00 p.m.  
Last day to withdraw from Fall semester courses with W grade or change from audit to credit.  
Thanksgiving holiday, no classes.  
Last day of classes.  
Examination period. Students must vacate residence hall 24 hours after their last exam.  
Christmas recess begins. Residence houses close at noon.

## WINTER TERM

Mon., Jan. 3  
Tues., Jan. 4  
Wed., Jan. 5  
Wed., Jan. 12  
Mon., Jan. 17  
Thurs.-Fri., Jan. 27-28  
Fri., Jan. 28

Residence houses open at 9:00 a.m. New student registration/orientation for Winter Term.  
Winter Term begins.  
Last day to enter Winter Term; end of drop/add period; last day for change of project.  
Last day to withdraw from Winter Term with W grade.  
Martin Luther King Jr. holiday, no classes.  
First comprehensive examination period.  
Winter Term ends.

## SPRING SEMESTER

Mon., Jan. 31  
  
Tues., Feb. 1  
Tues., Feb. 8  
Fri.-Sun., Feb. 25-27  
Sat., Mar. 26  
Mon., April 4  
Tues., April 12  
Fri., April 15  
  
Thurs.-Fri., April 14-15  
Fri., April 22  
Fri., May 13  
Mon.-Fri., May 16-20  
  
Sat., May 21  
Sun., May 22  
Mon., May 23  
Mon., May 30

Residence houses open at 9:00 a.m. for new and returning students.  
New student orientation.  
Spring semester begins at 8:00 a.m.  
End of drop/add period for Spring semester courses.  
Family Weekend.  
Spring recess begins.  
Classes resume at 8:00 a.m.  
Fall semester 2011 registration begins at 10:00 p.m.  
Last day to withdraw from Spring semester courses with W grade, or change from audit to credit.  
Second comprehensive examination period.  
Good Friday holiday, no classes.  
Last day of classes.  
Examination period. Non-graduates must vacate residence hall 24 hours after their last exam. Non-graduates with exams on Thursday must vacate residence hall by Friday at noon.  
Baccalaureate.  
Commencement.  
Residence houses close at noon for graduates.  
Memorial Day holiday.

## SUMMER TERM

Mon., May 30  
May 31-July 22  
May 31-June 24  
June 27-July 22  
Sat., July 23

Residence houses open for Summer Session A.  
Summer term.  
Session A.  
Session B.  
Residence houses close at noon.

# ACADEMIC CALENDAR 2011–2012

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## AUTUMN TERM

Fri., Aug. 12  
Sat., Aug. 13  
Wed., Aug. 24  
Fri., Sept. 2

Autumn Term students arrive. Students check-in before 2:00 p.m. Ceremony of Lights.  
Autumn Term begins.  
Fall semester 2011 Freshman registration begins.  
End of Autumn Term.

## FALL SEMESTER

Wed., Aug. 31  
Fri., Sept. 2  
Sat., Sept. 3  
Mon., Sept. 5  
Wed., Sept. 7  
Tues., Sept. 13  
Mon.-Tues., Oct. 24-25  
Sat., Nov. 5  
Fri., Nov. 11  
Thurs.-Fri., Nov. 24-25  
Fri., Dec. 9  
Mon.-Thurs., Dec. 12-15  
Fri., Dec. 16

Orientation begins for new students who did not participate in Autumn Term.  
Move into residence house. Orientation runs Wed. Aug. 31-Sat. Sept. 3.  
Residence houses open for returning students at 9:00 a.m.  
Last day of Orientation for new students who did not participate in Autumn Term.  
Fall semester begins at 8:00 a.m.  
Opening Convocation, 1:30 p.m.  
End of drop/add period for Fall semester courses.  
Fall recess (if not needed to make up class days).  
Winter Term/Spring semester 2012 registration begins at 10:00 p.m.  
Last day to withdraw from Fall semester courses with W grade or change from audit to credit.  
Thanksgiving holiday, no classes.  
Last day of classes.  
Examination period. Students must vacate residence hall 24 hours after their last exam.  
Christmas recess begins. Residence houses close at noon.

## WINTER TERM

Mon., Jan. 2  
Tues., Jan. 3  
Wed., Jan. 4  
Wed., Jan. 11  
Mon., Jan. 16  
Thurs.-Fri., Jan. 26-27  
Fri., Jan. 27

Residence houses open at 9:00 a.m. New student registration/orientation for Winter Term.  
Winter Term begins.  
Last day to enter Winter Term; end of drop/add period; last day for change of project.  
Last day to withdraw from Winter Term with W grade.  
Martin Luther King Jr. holiday, no classes.  
First comprehensive examination period.  
Winter Term ends.

## SPRING SEMESTER

Mon., Jan. 30  
Tues., Jan. 31  
Tues., Feb. 7  
Fri.-Sun., Feb. 24-26  
Sat., Mar. 17  
Mon., Mar. 26  
Fri., April 6  
Sun., April 8  
Fri., April 13  
Thurs.-Fri., April 19-20  
Fri., May 11  
Mon.-Fri., May 14-18  
Sat., May 19  
Sun., May 20  
Mon., May 21  
Mon., May 28

Residence houses open at 9:00 a.m. for new and returning students.  
New student orientation.  
Spring semester begins at 8:00 a.m.  
End of drop/add period for Spring semester courses.  
Family Weekend.  
Spring recess begins.  
Classes resume at 8:00 a.m.  
Good Friday holiday, no classes.  
Fall semester 2012 registration begins at 10:00 p.m.  
Last day to withdraw from Spring semester courses with W grade, or change from audit to credit.  
Second comprehensive examination period.  
Last day of classes.  
Examination period. Non-graduates must vacate residence hall 24 hours after their last exam. Non-graduates with exams on Thursday must vacate residence hall by Friday at noon.  
Baccalaureate.  
Commencement.  
Residence houses close at noon for graduates.  
Memorial Day holiday.

## SUMMER TERM

Mon., May 28  
May 29-July 21  
May 29-June 23  
June 26-July 21  
Sat., July 22

Residence houses open for Summer Session A.  
Summer term.  
Session A.  
Session B.  
Residence houses close at noon.

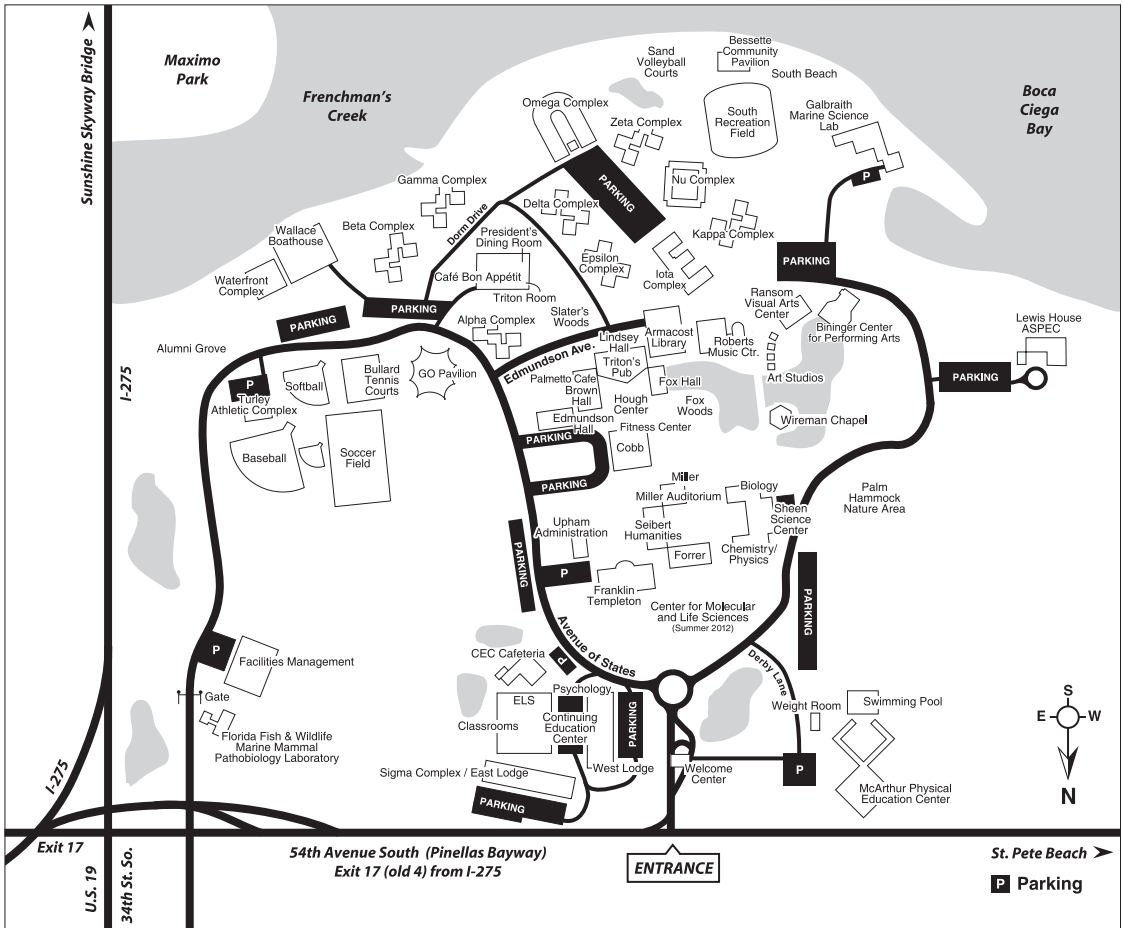
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Only from a campus visit can you judge if the school and your expectations “fit.”

Plan to take a campus tour, sit in on a class, visit with our professors and students, and take time to see the area.

Also, try to visit when classes are in session. Check the academic calendar before planning your visit. We ask only one thing of you: Give us some advance notice of your arrival. Call or email – the Admission staff will be happy to work with you.

The Office of Admission is open from 8:30 a.m. to 5:00 p.m. Monday through Friday.

For best results, please direct all correspondence prior to your acceptance to the Office of Admission.



## ECKERD COLLEGE

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