

## College of Arts, Sciences and Education

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As the heart of a leading public research university, the College of Arts, Sciences and Education plays a vital role in the intellectual, cultural and civic life of local, national and international communities. The College provides an educational foundation that prepares FIU students to be successful and engaged citizens in a global society. The College generates extensive scholarship that yields new knowledge, shapes how we teach and learn, and contributes to a more complete understanding of the world.

The College offers courses for all students at the University, from those taken to fulfill the requirements of the University's Core Curriculum to required and elective courses for students who seek degrees from both the College and the University's other colleges and schools. Many professional degree programs require courses in specific Arts and Sciences disciplines; these needs are carefully addressed. The College's mission goes beyond offering introductory and service courses; it's students by explore the full implications of the arts and sciences disciplines in historical and contemporary society. High quality undergraduate degree programs educate students in the fundamentals of each discipline. Graduate programs provide in-depth training for the best students and allow faculty members the opportunity to teach at the frontiers of their fields. Rigorous academic research, scholarship, and creative activity are integral components of faculty activities in all disciplines and are the heart of graduate education.

Characteristically, the liberal arts endeavor is to synthesize. Thus, in addition to traditional degree programs, the College coordinates special areas and interests through a number of certificate and interdisciplinary degree programs.

The College is composed of 11 departments and several interdisciplinary programs housed in three schools: School of Education and Human Development, School of Environment, Arts, and Society (SEAS) and School of Integrated Science and Humanity (SISH).

### Undergraduate Programs

The College offers departmental programs of study leading to Bachelor's degrees in

Biochemistry, Biological Sciences, Chemistry, Earth Sciences, English, Environmental Studies, Geosciences, Marine Biology, Mathematical Sciences, Mathematics Education, Philosophy, Physics, Psychology, Statistics, and Sustainability and The Environment. The College also offers interdisciplinary programs leading to Bachelor's degrees in Interdisciplinary Studies, Liberal Studies, and Women's and Gender Studies.

Minor programs of study are offered in Astronomy, Biology, Chemistry, English, Environmental Studies, Geology, Humanities, Marine Biology, Mathematical Sciences, Mathematics, Meteorology, Philosophy, Physics, Psychology, And Statistics.

### Certificate Programs

Students can earn through the College certificates in the following: Actuarial Studies, Agroecology, Biodiversity Conservation and Management, Coastal and Marine Affairs, Comparative Immunology, Environmental Studies, Exile Studies, Film Studies, Forensic Science, Health Humanities, Law, Ethics, Big Data & Artificial Intelligence, and Society, Linguistics Studies, Undergraduate Post-Baccalaureate Premedical, Professional and Public Writing, Queer Studies, and Women's and Gender Studies.

### Admission Requirements

Applicants must submit an Application for Admission to the University and must follow the regular University procedures. Applicants must be eligible for admission to the University before admission to the College.

All students are encouraged to seek advising as early as possible in the department/program of their choice, even if they have not yet been admitted into that major.

### Admission Requirements for Teacher Preparation Programs

All students in the secondary education majors in the College of Arts, Sciences and Education are required to have a minimum overall GPA of 2.5 for all lower division/transfer course work. In addition, these students are required to pass the FTCE General Knowledge exam.

All stated admission requirements are to be considered minimum. A student who meets these minimum requirements is not automatically assured admission. Program admission requirements are subject to change. It is the responsibility of the student to assure that he/she understands and has met the requirements.

### College Requirements for a Baccalaureate Degree

Candidates to the Bachelor's degree must satisfy individual departmental requirements, and the following College requirements, in addition to the University-wide requirements listed elsewhere:

1. A minimum of 120 semester hours in acceptable coursework is required.
2. At least half of the upper division credits in any major must have been taken in at FIU.
3. In the last 60 semester hours of enrollment, students must earn nine semester hours of elective credits through coursework outside the major, six of which

are to be taken outside the department sponsoring the program.

4. Students must earn a grade of "C" or higher in all courses required for the major. A grade of "C-" or lower is not acceptable in any required course.
5. Of the total number of hours submitted for graduation, a minimum of 45 semester hours must be in upper division courses.
6. One- and two-credit physical activity courses (with the prefixes PEL, PEM, PEN) cannot be included as part of the hours needed for graduation except for the Physical Education program.

## Additional College Requirements for Teacher Preparation Programs

### Student Teaching and Fingerprint Requirements

State of Florida Certification requires all applicants to be fingerprinted and checked by state and local law enforcement agencies. Local public and private schools and systems may also require similar security procedures for field placements, student teaching and/or internships. Students with a CHR (criminal history record) should be prepared to promptly provide documentation of adjudication in order to facilitate review and determination of eligibility for placement in the district or school requested. Details regarding specific district requirements, deadlines and documentation are available in ZEB 130, Office of Field Experiences.

**Given the unique nature of the teaching profession requiring mastery of cognitive skills, demonstration of appropriate interpersonal skills, and professional behavior, the faculty retains the right to "counsel out" of the program and/or to not recommend for internship placement any student whose level of interpersonal competence and professional behavior is considered incompatible with that required for effective functioning as a teacher.**

### For all Teacher Prep and Counseling Field Experiences

Online information and the student teaching application is available at <http://education.fiu.edu>. Online submission deadline for Fall placement is due February 1; for Spring placements the deadline is September 15. A set of hard copies is due to ZEB 220 for Fall placements by March 1; for Spring placements by October 1.

**Students are required to take and pass the GK, Professional Education (PEd), and appropriate Subject Area Exam (SAE) before beginning student teaching placement. Students must provide evidence of passing scores on all required exams by the end of the semester immediately preceding the internship.**

### Graduation Requirements

Students in the secondary education majors must also meet the following graduation requirements: 1) earn a cumulative GPA of 2.5 or higher and 2) grades below a C are not allowed.

All Students graduating from an Initial Teacher Preparation Program must pass prior to graduation the Florida Teacher Certification Exam. (which includes the Professional Education, the Subject Area, the General

Knowledge Exams), and demonstrate successful completion of the Florida Educator Accomplished Practices. Students who fail one or more sections of the FTCE will not be cleared for graduation.

## College Requirements for a Minor

Students wishing to earn a minor must satisfy individual departmental/program requirements and the following College requirements:

1. At least half of the courses used to fulfill the requirements must have been taken at FIU.
2. Earn a grade of "C" or higher in all courses required for the minor.

**Note:** The programs, policies, requirements, and regulations listed in this catalog are continually subject to review in order to serve the needs of the University's various constituencies and to respond to the mandates of the Florida Board of Education and the Florida Legislature. Changes may be made without advance notice. Please refer to the General Information section for the University's policies, requirements, and regulations.

## Phi Beta Kappa

The College of Arts, Sciences and Education is home to the Epsilon chapter of Phi Beta Kappa, the nation's most prestigious honor society. Established in 1776 at the College of William and Mary, this society is exclusively for students majoring in the liberal arts and sciences.

Membership is by invitation not by application. During the semester when students graduate, they are evaluated by the chapter to determine their eligibility. The chapter committee examines not only the student's grade point average, but also the breadth and rigor of coursework in the liberal arts and sciences. In particular, candidates need to demonstrate knowledge of mathematics and of a foreign language.

Students must demonstrate competency in a foreign language or in American Sign Language at the level of the second semester of a college language sequence. (High school courses cannot be used to fulfill this requirement.) This requirement may be met by successfully completing with a grade of 'C' or better: a) the second semester of a two-semester sequence basic language course or b) any second-year or third-year foreign language course. This requirement may also be fulfilled by presenting acceptable scores in the Advanced Placement Exam, the SAT II, the CLEP exam, or other approved instruments. Students should consult their advisors for more specific information.

## Exploratory Advising Center

Exploratory Advising is housed within the College of Arts, Sciences & Education. CASE Exploratory Advising offers unique guidance to students who are unsure about their major. Exploratory Advising's goal is to lead students to the right choice during their first year of study at FIU.

There are six different Exploratory tracks based on your area of interest:

1. The **Global and Social Sciences** exploratory area contains majors that are ideal for students who are interested in pursuing careers in the social sciences

- such as psychology and education or who are considering studies in law.
2. The **Health Sciences** exploratory area contains majors that are ideal for students who have an interest in pursuing careers in nursing, nutritional counseling, or one of the graduate health profession programs.
  3. The **Humanities and Arts** exploratory area contains majors that are ideal for students who are interested in pursuing careers in artistic and creative fields or who are considering studies in law.
  4. The **Biological and Environmental Sciences** exploratory area contains majors that are ideal for students who have an interest in pursuing careers in medicine or who are considering studies in earth or environmental studies.
  5. The **Administration and Management** exploratory area contains majors that are ideal for students who are interested in pursuing careers in business or managerial positions in different professions ranging from the hospitality industry and health care industry to careers in the public and nonpublic sectors.
  6. The **Physical Science and Engineering** exploratory area contains majors that are ideal for students who have an interest in pursuing engineering and computing fields or who are considering studies in chemistry, physics, or mathematics.

Two exploratory courses, Discover Your Major (SLS 1402) and Major and Career Exploration (SLS 3407) have been developed to aid students in the decision-making process for selecting an appropriate major.

Exploratory students work with their assigned exploratory advisor to select a major within the first year. Exploratory advisors monitor student progress and ensure students are taking courses that will prepare them to successfully transition to a degree-awarding major. A selection of major hold is placed on a student's account once they've earned 30 credits. At this milestone, students must select an appropriate major aligned with their academic performance and professional goals.

### Interdisciplinary Courses

The College of Arts, Sciences and Education has several interdisciplinary programs which are not based in a specific academic department. The courses offered by these programs therefore are not found in the departmental listings in the Catalog. For this reason, they are included here.

Courses that meet the University's Global Learning requirement are identified as GL.

**IDS 3913 McNair Research Experience (3).** Flagship Course for the FIU McNair scholars. The primary purpose of this course is to prepare scholars to successfully complete a research project and apply to graduate school.

**IDS 4175 Experimental Arts (1-3).** The study and creation of Experimental Performance artworks, involving a variety of media (media/sound, movement, visual arts, etc.). The evolution of performance art in the 20th century analyzed and discussed and new works are created by the

students in the class. Prerequisite: Permission of the instructor.

**IDS 5176 Experimental Arts (1-3).** The study and creation of Experimental Artworks, involving media/sound, movement, visual art, etc. Students from different disciplines in the Arts have the opportunity to collaborate together and create new works. Prerequisite: Permission of the instructor.

**ISC 1000 Great Ideas in Science (3).** An introduction to the great ideas in science. Targeted to the non-science major. Study of the scientific method, origin of the universe, origin of life, evolution, among other topics. Corequisite: ISC 1000L.

**ISC 1000L Great Ideas in Science Lab (1).** An introduction to the great ideas in science. Targeted to the non-science major. Study of the scientific method, origin of the universe, origin of life, evolution, among other topics.

**ISC 3523 Research Methods (3).** Students use tools that scientists use to solve scientific problems and develop insight into processes involved in scientific discovery. Focus on research methods for prospective science teachers. Prerequisites: SMT 2661, SMT 2662.

**ISC 4947 Entrepreneurial Science Internship (1-20).** Internship in a faculty laboratory with emphasis on finding commercial applications of the laboratory's ongoing research. May be repeated. Prerequisite: ENT 4113.

**ISS 3240 World Prospects and Issues (3).** This course examines, from a multidisciplinary point of view, specific global issues such as food, population, and arms control. The issues discussed may change from one semester to the next.

**ISS 4165 Sustainable Communities Seminar (3).** Explores theories and aspects of sustainable communities, and considers the concept in comparative-historical, local global, and critical perspective. Prerequisite: Permission of the instructor.

**ISS 4234 Cultural Expressions of the Americas (3).** This interdisciplinary course focuses on national, cultural, and racial identities, as well as the performance of race and gender, as expressed in cultural productions of the Americas.

**ISS 4235 The Cultural Body in the Americas: Critical Issues in Intercultural Understanding (3).** With a team taught interdisciplinary approach this course explores the diverse symbols, hierarchies, and meanings invoked through culturally constructed human bodies and body movement in the Americas.

**ISS 5166 Sustainable Communities Seminar (3).** Explores theories and aspects of sustainable communities, and considers the concept in comparative-historical, local global, and critical perspective. Prerequisite: Permission of the instructor.

**ISS 5237 Latin American and Caribbean Cultural Expressions (3).** This interdisciplinary course develops an interdisciplinary approach to the study of national, cultural, and racial identities, as expressed in cultural productions of the Latin America and the Caribbean.

**ISS 5238 The Imaged Body: The Case of the Americas**

**(3).** With a team-taught interdisciplinary approach this course explores how identity, power and hierarchy are invoked and represented through the human body and body movement in the region of the Americas.

**LIS 2005 Information and Internet Research (3).**

Development of research skills as they apply to using both academic libraries and internet. Includes critical thinking skills in relation to the use and application of information.

**SLS 1501 First Year Experience (1).**

A review of basic skills and competencies necessary to college success including time management, study skills, and academic policies/procedures. Includes mandated information.

**SLS 1510 Strategies for Success (1-3).**

Improve students' academic and personal development in the areas of learning strategies, study skills, time management, problem solving, goal setting, and how to use resources effectively.