ENDLESS POSSIBILITIES

start here.

www.as.miami.edu/possibilities
MAJORS & PROGRAMS
IN THE COLLEGE OF
ARTS & SCIENCES

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About the College

"In the College of Arts & Sciences, options are endless. This booklet was created to help you discover the flexibility of our curriculum and the opportunities that will motivate, challenge, and inspire you to achieve your goals."

DR. LEONIDAS G. BACHAS
DEAN OF THE COLLEGE OF ARTS & SCIENCES

"The University of Miami offers students a uniquely global experience in a culturally rich learning and living environment. The College of Arts & Sciences offers a comprehensive array of academic pathways with exciting opportunities for multidisciplinary study and cutting-edge research."

DR. JULIO FRENK
UNIVERSITY OF MIAMI PRESIDENT

BY THE NUMBERS

- **20 DEPARTMENTS**
- **39 MAJORS**
- **10+ RESEARCH FACILITIES**
- **15+ PROGRAMS [10 OF WHICH ARE INTERDISCIPLINARY]**
- **45 MINORS**
- **4,200 UNDERGRADUATES**
- **60% Students participate in internships, research, and/or independent study**
- **96% Full-time faculty have terminal degrees**
- **13 RESEARCH FACILITIES**
  - These Core Facilities allow centralized access to specialized equipment and services, providing cutting-edge technologies, reagents, and special products needed to conduct high-quality, interdisciplinary research.
- **10+ Undergraduate Academic Advisors dedicated to A&S students**
- **10:1 STUDENT TO FACULTY RATIO**
A&S Programs of Distinction

THESE OPPORTUNITIES WILL PUSH THE LIMITS OF YOUR KNOWLEDGE BOTH IN THE CLASSROOM AND BEYOND.

* denotes program is by invitation only

A&S Research Opportunities

The College of Arts & Sciences (A&S) is the hub for undergraduate research at the University of Miami. Through a unique combination of mentorship, exploration, and rigorous scholarship, as an undergraduate in the College you will be encouraged to push the limits of your knowledge beyond the classroom, test hypotheses, and create new ideas. Research opportunities unique to A&S students include:

- “Beyond the Book” Scholarships for Research-Based Learning
- Lois Pope Neuroscience Summer Scholarship
- PRIME Summer Research Scholarship
- Honors Summer Research
- Summer Research Program for Underrepresented Minorities & Women
da Vinci Program+

Inspired by the artist, humanist, and scientific genius Leonardo da Vinci, this program encourages you to explore the interdisciplinary connections between the arts, humanities, and sciences by emphasizing the distinctive elements that humanities classes can offer.

Departmental Honors Program

The Departmental Honors Program provides you with opportunities to intensify and deepen your knowledge of a major, to permit you closer associations with professors, and to prepare you for research, thesis preparation, and other work at the graduate level.

Directed Independent Language Study (DILS)

The Directed Independent Language Study program gives you the opportunity to study languages not currently offered through traditional classroom instruction by pairing you with a native speaker. You will gain linguistic and cultural competence through conversation in the language and improve your ability to adapt to new linguistic and cultural environments.

First-Year Seminars

Small courses exclusively for first-year students in the College of Arts & Sciences. Courses are created and taught by distinguished faculty and are designed to introduce first-year students to the breadth, depth, and interconnectivity of the liberal arts.

Foote Fellows Honors Program+

The Foote Fellows Honors Program exempts you from the Cognates Program of General Education requirements. As a Foote Fellow, you can explore a multitude of educational resources, which many leverage into an opportunity to take additional majors and/or minors and to study abroad.

Howard Hughes Medical Institute (HHMI) Program+

If you are an underrepresented minority student interested in biological research and scientific discovery, the Biology Department offers an undergraduate research program funded by the Howard Hughes Medical Institute.

Pre-Health Tracks

The Pre-Health tracks, including the Pre-Med track, prepare you for entering medical or graduate school by providing academic, career, and school application advising.

Pre-Law Track

The Pre-Law track gives you the option of majoring in any field while simultaneously preparing to enter law school. Services include academic advising, information on law schools, and LSAT practice workshops.

Program for Integrated Science and Math (PRISM)+

PRISM brings together the top freshmen interested in the natural sciences. PRISM classes are advanced versions of the typical track done by a freshman natural science student. It’s a vibrant learning environment that includes special events, small inquiry-based labs, and academic support.

The Undergraduate Neuroscience Society

Whether or not you are a neuroscience major, The Undergraduate Neuroscience Society encourages you to explore the rapidly expanding field of neuroscience through organizing seminars with leading scientists and doctors, round-table discussions on current research, intercollegiate conferences, and a mentor program.

Dual Degrees and 4+1 Programs

Our selective Dual Degree and 4+1 Programs are designed to help you obtain both your undergraduate and graduate degrees in less time:

BIOCHEMISTRY & MOLECULAR BIOLOGY: You can earn both a Bachelor of Science (B.S.) and a Doctor of Philosophy degree (Ph.D.) in approximately six years.

BIOLOGY: This joint degree program allows you to concurrently work on your B.S. and M.S. in Biology degrees in just five years.

COMPUTER SCIENCE: You can earn both a Bachelor of Science (B.S.) and a Master of Science (M.S.) degree in just five years.

FELLOWS IN LATIN AMERICAN STUDIES (FILAS): In this highly selective Honors Program, you can complete a dual degree (B.A./M.A.) in Latin American and Caribbean Studies in just five years. And, you get $3,000 in travel support for studies in the region.

LAW: You are guaranteed admission to UM's Law School and allowed to complete both a bachelor's and a J.D. in just six years.

MARINE GEOLOGY: You can complete a dual degree (B.S./M.S.), a bachelor’s in Geological Sciences from the College with a graduate Master of Science degree from UM's Rosenstiel School of Marine and Atmospheric Science in just five years.

MEDICINE: You are assured a place in UM’s Miller School of Medicine after only three to four calendar years of undergraduate work.
A&S Centers and Institutes

Center for Autism and Related Disabilities (CARD) [1]

Volunteer opportunities await you at CARD, an outreach and support center dedicated to optimizing the potential of people with autism spectrum disorder and related disabilities. The Center uses modern research to provide expert support for over 9,000 families in South Florida.

European Union Center [2]

The European Union Center is where you can learn about the European Union and its institutions. The Center’s Miami location uniquely suits its focus on triangular transatlantic relations between Europe, the United States, and Latin America.

John C. Gifford Arboretum [3]

Take a walk through the John C. Gifford Arboretum, home to hundreds of plants of both local and global origin. You will be amazed by the botanical abundance that inspires interest in tropical botany and understanding of the history and importance of the plant world.

Lowe Art Museum [4]

The Lowe Art Museum is a cultural fixture in the South Florida art community. You will be overwhelmed by its 17,500-object collection, which is one of the most important in the South East, with strengths in Renaissance, Baroque, American, Ancient, Native American, and Asian art.
Miami Institute for the Americas (MIA)

If you’re interested in the pressing issues facing Latin America and the Caribbean — climate change, urban development, public health — the Miami Institute for the Americas is a premier resource. MIA aims to be a center that provides students like you with opportunities to acquire skills that respond to job market realities.
ENDLESS POSSIBILITIES START HERE

www.as.miami.edu/possibilities
MAJORS IN ARTS & SCIENCES

Africana Studies
American Studies
Anthropology
Art
Art History
Biochemistry
Biochemistry & Nutrition
Biology
Chemistry
Classics

Computer Science **
Criminology
Economics ***
Ecosystem Science & Policy
English **
Elementary Education *
French
Geography and Regional Studies
Geological Sciences

German
History
Independent
International Studies
Judaic Studies
Latin American Studies
Mathematics **
Microbiology
Neuroscience
Philosophy

Physics **
Political Science
Psychology
Religious Studies
Religion and Healthcare
Secondary Education *
Sociology
Spanish
Theatre Arts
Women’s and Gender Studies

*Major requires additional major. See academic bulletin for details.
**Student must specify a track within a major.
***Please see academic bulletin.
Africana Studies

This vital program examines the historical and social experiences of Africans and people of African descent on all sides of the Atlantic basin, with a special emphasis on the United States. It also provides a thorough interdisciplinary study about the experiences of Africans and African-descended peoples around the world.

The Africana Studies Program will also propel you to think critically about the global black experience, and prepare you for graduate work and future professional careers.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Africana Studies:

- African-American History Since 1896 (HIS 210)
- Middle America and the Caribbean (GEG 212)
- Black Leadership in the U.S. (AAS 350)

www.as.miami.edu/africana

COULD THIS BE U?

Typically, Africana Studies majors continue on to graduate programs in specified fields, such as history, political science, anthropology, theatre, law, or English, and stay in academia to teach.
The goal of the American Studies Program is to examine the U.S. from multiple perspectives by highlighting its diverse people, cultures, and the experiences that have shaped the country. The program will also show you how the U.S. relates to other countries on a global scale.

The American Studies Program also draws on the resources of its surrounding international community. Miami is a melting pot of cultures and people from around the world; it’s a community that truly illustrates how the American experience continues to evolve and grow.

**THE STUDY OF THE UNITED STATES OF AMERICA** from its social aspects to its cultural foundations - both past and present - are what make the American Studies Program at the College of Arts & Sciences a unique and interdisciplinary study of America and its place in an increasingly interconnected world.

**Get a Glimpse**

Here are some of the interesting courses you can take when you major in American Studies:

- **The United States in the World** (AMS 310)
- **Topics in American Studies: Music** (AMS 328)
- **History and Culture of South Florida** (AMS 350)

**www.as.miami.edu/americanstudies**

**COULD THIS BE U?**

American Studies students and graduates are often employed as interpreters, explaining an agency’s or institution’s function, projects, activities, or history to the public.
If you have an inquisitive mind and are curious about the evolution of language, how humans lived on the planet hundreds of years ago, and if men and women are truly different, then a major in Anthropology is waiting for you.

Today, anthropological knowledge is used as a means to tackle problems faced in many sectors of society, from public health to economic development in third world countries. If anthropology interests you and you’re also seeking a career in the medical professions, the department recently introduced a Medical Anthropology track with courses that address the anthropological views of health, health care, and wellness.

When dissected, the word Anthropology tells its basic purpose. From the Greek anthropos (human being) and logia (science), it reveals the scientific study of humankind — reaching far into its past and diving deep into its present.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Anthropology:

Gender and Language (APY 361)
Forensic Anthropology (APY 414)
Drugs and Culture (APY 393)

Andrea Cunningham ‘16
Double Major in Anthropology and Criminology

Andrea was admitted into the prestigious National Science Foundation-funded internship program at the Smithsonian Institution.

Could This Be U?

“Anthropology has provided me with a lens to view culture and individuals with renewed vitality. Through my undergraduate experiences, I have gained holistic insight into how powerful humanity really is.”
Art

IN ALMOST EVERY POCKET COMMUNITY IN GREATER MIAMI, from Little Havana to Little Haiti, Miami Beach, and Coral Gables, you can find art galleries showcasing the creative talents of both local and international artists. And let’s not forget Art Basel in Miami Beach, a sought-after event presenting hundreds of galleries and contemporary artists from around the world.

Many of Miami’s museums are located near the University of Miami, and in the Coral Gables campus students and faculty are invited to visit the Lowe Art Museum — the first art museum to open in South Florida in 1952. In essence, the Department of Art and Art History is centrally located in a diverse community with a budding art scene — an art scene you can be a vital part of in Miami.

While working on your Art major, you have access to the department’s many art facilities, such as the Studio Arts Building for ceramics, glass, sculpture, painting, photography, and digital media, and the Rainbow Building featuring a printmaking, drawing, and photo studio. You can also present your pieces at the on-campus CAS Gallery, and the University’s off-campus gallery located in Miami’s burgeoning Wynwood Arts District.

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www.as.miami.edu/art

*The Department of Art and Art History also offers B.A. and B.F.A. degrees in Studio Art.

COULD THIS BE U?

"THE UNIVERSITY OF MIAMI INTRODUCED ME TO A VITAL NUCLEUS OF WORKING ARTISTS THROUGHOUT SOUTH FLORIDA."

TOM VIRGIN ’94
M.F.A.
Tom is a Miami-based artist creating prints, book art, and public art.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Art:

- **Figure Drawing** (ART 105)
- **Color Digital Photography** (ART 311)
- **Socially Engaging Art** (ART 315)

EMILY ROBBINS | Monochromatic #1, Digital Photography

> EMILY ROBBINS | Monochromatic #1, Digital Photography

MAJORS & PROGRAMS 11
Art History

FROM ART OF PREHISTORIC TIMES TO WESTERN AND MODERN ART, a major in Art History will guide you through the eras of human creation and communication from an artistic perspective.

With a major in Art History, faculty will guide you through a comprehensive and rich curriculum focusing on the study of Western Art and continuing on to the study of art through the Middle Ages and the Renaissance era, and finally leading up to Modern Art.

As a student in the Art and Art History Department, you will be encouraged to participate in ArtLab @ the Lowe. This course is taught during the spring semester in collaboration with the Lowe Art Museum. A UM faculty member will guide you and your peers in creating an exhibition drawn from objects owned by the Lowe Art Museum — the exhibition remains on display until the following spring.

www.as.miami.edu/art-history

Get a Glimpse

Here are some of the interesting courses you can take when you major in Art History:

- Introduction to Museum Studies (ARH 225)
- Islamic Art (ARH 260)
- Spanish Art (ARH 270)

COULD THIS BE U?

CAREERS AVAILABLE FOR ART HISTORY MAJORS

- Gallery Curator
- Art Conservation and Restoration
- Museum Fundraising and Development
- Art Investment Consultant
- Museum Marketing and Public Relations
- Art Law and Law Enforcement
- Antique Dealer
- Museum Curator
- Art Adviser
- Auction House Researcher
- Art Appraiser
Dr. Ubbo Visser is Associate Professor of Computer Science and an expert in artificial intelligence. Dr. Visser is responsible for overseeing research funded by over $9 million in grants. Recently, he led the RoboCanes to second place at the RoboCup robotics and AI World Championship in Brazil.
Biochemistry

**BIOCHEMISTRY IS THE CHEMISTRY OF LIFE** and it overlaps with other sciences such as biophysics, structural biology, cell biology, metabolism, neuroscience, nutrition, and genetics.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Biochemistry:

- **Chemistry for the Biosciences** (CHM 121)
- **Principles of Experimental Biochemistry Molecular Biology** (BMB 402)
- **Protein Structure, Function, & Biology** (BMB 507)

COULD THIS BE U?

**AUDREY WINKELSAS '15**

**BIOCHEMISTRY MAJOR**

A 2015 biochemistry graduate with minors in Journalism, History, Biology, and Chemistry, Winkelsas earned a prestigious NIH Oxford-Cambridge Fellowship (OxCam), which allows students to complete an individualized, research-based Ph.D. in four years.
Biochemistry + Nutrition

Whether you are interested in working for the pharmaceutical industry, applying to medical school, or continuing your education in graduate studies in the sciences, a major in Biochemistry and Nutrition will benefit whichever career or scholastic endeavor you seek.

Courses and faculty teachings provide you with preparation for professions in the health-related industries, from veterinary medicine to nutrition, clinical chemistry, dentistry, and toxicology.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Biochemistry and Nutrition:

- Evolution and Biodiversity (BIL 160)
- Chemistry for the Biosciences II (CHM 221)
- Biochemistry of Food and Nutrition (BMB 417)

Could this be U?

Employment of dietitians and nutritionists is projected to grow 21 percent due to the recent interest in the role of food in promoting health and wellness.

www.bm.med.miami.edu
Biology

The Department of Biology Strives to Pursue Research and Study in Four Interactive Programs: Neuroscience & Behavior, Development & Disease, Tropical Biology, and Ecology & Evolutionary Biology. It also delivers on its goal to offer a well-rounded undergraduate education that nurtures today’s young scientists who grasp the scope and perspective of modern biology.

This undergraduate program speaks to you if you are interested in a natural science education that will prepare you for careers in biological research, medicine, and other health-related fields, as well as teaching, environmental management, and other careers that require a broad base of biological knowledge.

Consider entering the Honors in Biology Program, which allows you to work with a faculty member as you undertake their own original research and participate in intellectual discussions about the study with your fellow peers.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Biology:

- Evolution and Disease (BIL 220)
- Ecology in the Galapagos (BIL 432)
- Electron Microscopy (BIL 554)

Could This Be U?

“I love that Biology students at UM have it all: access to world-class research facilities, including those at the Marine and Medical Schools, along with the faculty interaction one might expect at a liberal arts college.”

Eric Keen, ’15
Biology Major

www.as.miami.edu/biology

*The Department of Biology offers a B.S. degree and a B.A. degree*
Chemistry

IF YOU ARE FASCINATED BY THE FIELD OF CHEMISTRY and the prospect of studying in a growing department – in one of the most vibrant regions of the country – the Chemistry program is for you.

Chemistry directly impacts the areas of biology, biomedical and chemical engineering, forensics, geosciences, materials science, and toxicology, allowing you to earn a well-rounded education with emphasis on many other areas of study.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Chemistry:

- **Organic Chemistry II** (CHM 202)
- **Quantitative Analytical Chemistry** (CHM 214)
- **Supramolecular Chemistry** (CHM 524)

Studying the field of chemistry provides a solid foundation if your interests lie in science, medicine, technology, or any field requiring strong problem-solving and analytical skills. As an undergraduate, you will have the opportunity to expand your knowledge and gain hands-on experience through faculty-mentored research programs.

**www.as.miami.edu/chemistry**

*The Department of Chemistry offers a B.S. degree and a B.A. degree.

COULD THIS BE U?

INDUSTRIES WITH THE HIGHEST LEVELS OF EMPLOYMENT FOR CHEMISTS INCLUDE, SCIENTIFIC RESEARCH AND DEVELOPMENT SERVICES, AND PHARMACEUTICAL AND MEDICINE MANUFACTURING.

SAM PEURIFOY ’16
CHEMISTRY MAJOR

Chemistry major Sam Peurifoy’s USolar project was selected for funding through the Resolution Project Social Venture Challenge from the Clinton Global Initiative University (CGI U). The project aims to educate fellow students on the principles of solar technology using hands-on demonstrations.

www.as.miami.edu/chemistry
If majoring in Classics, you will find yourself well-prepared for undertaking practically any type of career, whether that be in politics, law, medicine, teaching, publishing, journalism, banking, or the corporate world.

The core courses in Classics will introduce you to languages, literature, and history of the ancient world, the cross-listed courses, taught in other departments, provide access into the society, politics, art, archaeology, and architecture of antiquity. Studying the literary and material records of the ancient world allows you to confront today’s many issues pertinent to modern Western culture and the modern world.

CLASSICS IS AT THE CORE OF THE HUMANITIES. There is room in Classics for the study of fields as dissimilar as literature, science, sculpture, history, architecture, religion, philosophy, theater, economics, and music - in short, the entire panorama of the human endeavor.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Classics:

- **Greek Tragedy** (CLA 340)
- **Sports & Society In The Ancient World** (CLA 221)
- **The Vampire in Folklore, Fiction, and Film** (CLA 325)

COULD THIS BE U?

WITH A MAJOR IN CLASSICS, YOU CAN SEEK A CAREER IN LAW, GOVERNMENT, MEDICINE, EDUCATION, JOURNALISM, ADVERTISING, HUMAN RESOURCES, MARKET RESEARCH, AND SALES.

**GREECE: CALYX KRATER**
(Mixing Bowl, 4th century BCE) Pottery and paint 14 1/8" h. x 12 1/2" dia
Museum purchase through the 2011 Director’s Circle, the Linnie E. Dalbeck Memorial Endowment Fund, the Thea Katzenstein Art Acquisition Endowment Fund, and the Lowe Art Museum Acquisitions Fund, 2011.5

*There are four tracks for Classics majors: Greek, Latin, Latin and Greek, and Classical Civilization.*
From learning how to write software for computers to creating applications for smartphones, the skills you will learn from the faculty of the Department of Computer Science will prepare you for the career you seek in this technologically focused major.

As you begin your journey through the Computer Science course curriculum, you will meet faculty with strong accomplishments in the fields of algorithm engineering, automated reasoning, bioinformatics, computational geometry and computer graphics, data mining, multimedia systems, music information retrieval, robotics, scientific computing, and the semantic web.

A MAJOR IN COMPUTER SCIENCE CAN LEAD TO CAREERS in big technology firms, government agencies, start-up companies, or non-profits trying to establish technology in the most rural parts of the world. It is a vital career choice during a time when the modern world is dependent on computers and smartphones.

COULD THIS BE U?

CAREERS AVAILABLE FOR COMPUTER SCIENCE MAJORS

>> Chief Information Officer
>> Software Architect
>> Software Engineering Manager
>> Program Manager
>> Applications Development Manager
>> Mobile Applications Developer

www.as.miami.edu/csc

*The Department of Computer Science offers a B.S. degree and a B.A. degree.
Criminology

CRIMINOLOGY HAS BEEN DESCRIBED AS THE STUDY OF “MAKING OF LAW, BREAKING OF LAW, AND SOCIETY’S REACTION TO THE BREAKING OF LAW.” The Criminology curriculum at the College of Arts & Sciences includes a comprehensive treatment of the broad social and political system, which serves as the context for criminal justice, as well as a comprehensive understanding of the problems of crime.

While studying Criminology, you will be introduced to the program’s focus on scientific inquiry, abstract logical thinking, critical analysis, and historical consciousness. You will also learn about the nature and extent of crime, different types of crime, theories to explain crime, detailed analyses of the functions of the law, police, courts, and correctional systems, and the ways in which these are linked to broader aspects of society.

If you are interested in pursuing a graduate degree or a career in the fields of law, local and state criminal justice systems, or federal agencies, a major in Criminology will prepare you for these professional endeavors and continued study.

**Get a Glimpse**

Here are some of the interesting courses you can take when you major in Criminology:

- **Quantitative Methods for Sociologists** (SOC 211)
- **Criminal Justice** (SOC 271)
- **Theories of Deviant Behavior** (SOC 470)

*The Department of Biology offers a B.S. degree and B.A. degree.*

COULD THIS BE U?

**BRIAN A. YABLON ’99**

CRIMINOLOGY AND ENGLISH VICE PRESIDENT OF IT OPERATIONS, SECURITY & FORENSICS LEADER AT DB TECHNOLOGY PARTNERS INC.

“My degree in Criminology from the College of Arts & Sciences at the University of Miami not only provided me with the basic skills needed to enter a specialized job training program in information security & forensics at a Fortune 100 company, but the general business acumen and confidence to network, interview, and land that job in one of the toughest markets, after the .com bust, and in the midst of one of the nation’s greatest tragedies. If it had not been for some of the core courses in public speaking, meeting preparation, and leadership, I would not be where I am today. The life foundation I took away with me has enabled me to always think and act like an owner, set goals, and establish a plan to meet and exceed those goals.”

www.as.miami.edu/criminology
The Economics curriculum at the College is designed to give you a broad understanding of economic theory and its application to a wide range of problems. With a major in Economics, you will be prepared for a professional career in the fields of law, business, international studies, public administration and public health, government, research organizations, and international agencies.

A key component of this program is the combination of faculty at the College of Arts & Sciences and the School of Business Administration.

ECONOMICS STUDIES THE PRINCIPLES OF PRODUCTION, DISTRIBUTION, AND CONSUMPTION OF GOODS AND SERVICES. Its attention stretches from the individual to decision-making processes of the consumer in a store and the global factors that drive the economies of entire nations.

Get a Glimpse
Here are some of the interesting courses you can take when you major in Economics:

- **Economic Principles and Problems** (ECO 212)
- **Micro Economic Theory** (ECO 302)
- **Environmental Economics** (ECO 345)

Could This Be U?

CAREERS AVAILABLE FOR ECONOMICS MAJORS

- **Banks and Investment Firms**
- **Government Organizations**, i.e. the Federal Reserve Bank and the U.S. Department of Commerce
- **Multi-national Organizations**: International Monetary Fund and the World Bank

*There are two tracks for a B.A. in Economics: Political Economy or Quantitative Economics.*

[www.as.miami.edu/economics](http://www.as.miami.edu/economics)
THE GOAL OF THE UNDERGRADUATE PROGRAM IN ECOSYSTEM SCIENCE & POLICY (ECS) is to educate the next generation of Environmental leaders. As an ECS student, you can tailor your own path toward environmental careers in teaching, research, policymaking, journalism, consultancy, and more.

Offered by the Leonard and Jayne Abess Center for Ecosystem Science and Policy, an ECS major features a series of problem-based learning courses that emphasize integration of science and policy approaches to real-world environmental issues. With a degree from the ECS program, you will gain a broad background in environmental issues from a variety of perspectives, along with in-depth education in an area of specialization. Only with a major in ECS will you receive grounding in the fundamentals of the natural sciences, social science, and public policy.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Ecosystem Sciences & Policy:

Field Problems in Ecosystem Science and Policy (ECS 112)
Ecological Principles and Environmental Applications (ECS 232)
Perspectives on Environmental Decision Making (ECS 302)

www.as.miami.edu/ecs

*The Ecosystem Science & Policy program offers both a B.S. degree and a B.A. degree.

COULD THIS BE U?

CAREERS IN ENVIRONMENTAL LAW, POLICY, EDUCATION, AND COMMUNICATION

>> Government Agency Researcher
>> Environmental Journalist
>> Environmental Advocate

CAREERS IN AIR AND WATER QUALITY MANAGEMENT

>> Hazardous Waste Manager
>> Environmental Chemist
>> Environmental Impact Analyst

CAREERS IN LAND AND WATER CONSERVATION

>> Park Ranger
>> Forest Scientist
>> Soil Scientist

CAREERS IN SUSTAINABILITY

>> Urban Planner
>> Sustainability Officer
>> Renewable Energy Planner
**Elementary Education**

**IF YOU ARE AN ASPIRING TEACHER,** the College of Arts & Sciences works in conjunction with the School of Education to offer a degree program in teacher education.

If teaching is not a long-term career path, you can also work towards the Professional Training Option (PTO) certificate, which is a Florida Department of Education approved pathway for non-education majors.

Upon completion of a curriculum that includes 17 to 18 credit hours, you will receive a Certificate of Completion and be eligible to apply for a Temporary Teaching Certificate in the State of Florida.

**COULD THIS BE U?**

**A SIGNIFICANT NUMBER OF TEACHERS ARE EXPECTED TO REACH RETIREMENT AGE BETWEEN 2012 AND 2022, AND THEIR RETIREMENT WILL CREATE JOB OPENINGS FOR NEW TEACHERS.**

**TEACHING ENGLISH**

Teachers of English as a second language (ESL) and special education teachers are in short supply. Kindergarten and elementary school teachers with education or certifications to teach these specialties should have better job opportunities.

**www.education.miami.edu**

Get a Glimpse

Here are some of the interesting courses you can take when you major in Elementary Education:

- **Social and Technological Foundations of Education (TAL 101)**
- **American Sign Language (TAL 107)**
- **Children’s Literature (TAL 203)**
That’s what being an English major will do for you. A degree in English will also give you essential career skills— the ability to analyze, think clearly, and write professionally.

You will be able to choose from an extensive range of courses in American, British, and other world literatures in English—from Irish to Caribbean to African writings. The Creative Writing faculty teach the craft of composing poetry, fiction, and autobiography in an intensive small workshop format, and in all English classes, you will learn to develop the habits of mind, tools, and strategies for writing in college and beyond in a variety of fields such as business, government, humanities, nursing, law, and the natural and social sciences.

The Department of English also houses the Writing Center, where you can participate in workshops about academic, digital, and creative writing.
Dr. Amina Gautier is Assistant Professor of English and the author of the short story collections *At-Risk* and *Now We Will Be Happy*. *At-Risk* was awarded the Flannery O’Connor Award, The First Horizon Award, and the Eric Hoffer Legacy Fiction Award. *Now We Will Be Happy* was awarded the Prairie Schooner Book Prize in Fiction.
French

THE UNIVERSITY OF MIAMI IS CENTRALLY LOCATED IN ONE OF THE MOST DIVERSE AND CULTURALLY RICH CITIES IN THE UNITED STATES. On the Coral Gables campus and in the community, the languages of Spanish, Creole, Portuguese, and Italian can be heard.

With a major in French from the Department of Modern Languages and Literatures, you will be immersed in both the oral and written texts of the language to gain linguistic proficiency. Department faculty will also guide you through conversational skills as you interact with fellow peers while also creating, presenting, and interpreting ideas in French.

COULD THIS BE U?

CAREERS AVAILABLE FOR DEPARTMENT OF MODERN LANGUAGES MAJORS

>> Elementary, middle school, and high school teacher in the areas of foreign language, English as a second language, literature, and social studies.

>> Administration of international schools, study abroad programs, and other types of international educational exchanges.

>> International business and domestic business.

Get a Glimpse

Here are some of the interesting courses you can take when you major in French:

French Culture And Conservation (FRE 280)

Medieval and Renaissance Topics in French (FRE 363)

Early Modern Topics in French (FRE 364)

www.as.miami.edu/mll
Geography +
Regional Studies

IN ESSENCE, GEOGRAPHY DEALS WITH THE ANALYSIS OF TOPICS ranging from environmental problems, sustainability, global warming, and sea level rise to health problems, the spread of infectious diseases, political issues, demographic issues, and urban issues. Much of Geography works at the intersection of the natural and social sciences.

Geography is wedded to modern digital technology. Our majors are trained for careers using geospatial technology in both government and the private sector to solve problems dealing with issues such as the environment, sustainability, and urban planning. Geographers are sought after by business and industry because of their technical skills and ability to assess societal problems from a spatial perspective.

If any of these topics interest you, then consider a major in Geography. The department emphasizes the study of health and medical geography, human-environment interactions, and globalization and urban change by applying the latest techniques in geospatial technology, including geographic information systems (GIS), remote sensing (RS), and spatial statistics.

www.as.miami.edu/geography/undergraduate

COULD THIS BE U?

GEographers WORK
FOR THE GOVERNMENT,
LARGE AND SMALL
BUSINESSES, PLANNING
AGENCIES, AND AS GIS
ANALYSTS. GEographers
ARE PROBLEM-SOLVERS.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Geography:

Health & Medical Geography (GEG 241)
Digital Earth (GEG 101)
Geographic Information Systems (GEG 310)

*The Department offers three tracks within the Geography major: Environmental, Medical and Health, and Urban.
GEOL0GICAL SCIENCES IS CONCERNED WITH THE PLANET EARTH—its origin, evolution, structure, internal and surface processes, mineral resources, environmental preservation, global dynamics, paleoclimate reconstruction, and life history.

With a major in Geological Sciences, your main focus is the planet and how to solve its problems—geoscientists are caretakers of the Earth’s resources and environment. As an undergraduate in the Department of Geological Sciences, you will be prepared for careers in the industry as well as graduate study in geosciences, the environmental sciences, and marine sciences.

Career paths include research and teaching, as well as employment in the petroleum and mineral industries and in industries and government organizations concerned with energy resources, geodynamics, the marine environment, conservation, and climate change.

*The Department of Geological Sciences offers a B.S. degree and B.A. degree in Geological Sciences.

www.as.miami.edu/geology

COULD THIS BE U?

GEOSCIENTISTS ARE NEEDED IN PLANNING FOR THE CONSTRUCTION OF WIND FARMS, GEOTHERMAL POWER PLANTS, AND SOLAR POWER PLANTS.

WORKING TO PROTECT THE ENVIRONMENT

According to the U.S. Bureau of Labor Statistics, employment of geoscientists is projected to grow 16 percent. The need for energy, environmental protection, and responsible land and resource management is projected to spur demand for geoscientists in the future.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Geological Sciences:

**The Earth System** (GSC 110)

**Origin and Evolution of Planet Earth** (GSC 101)

**Earth Materials** (GSC 260)

*The Department of Geological Sciences offers a B.S. degree and B.A. degree in Geological Sciences.*
You must be global if you choose to speak more than one language, and the department is committed to providing you with its theory of global literacy, which includes study in written and oral communication, critical thinking, and appreciation of cultural artifacts, artistic products, and new technologies in more than one language.

A major in German can be combined with majors in other fields, such as International Studies, Communications, History, Political Science, Biology, Nursing, English, Finance, Latin American Studies, Anthropology, Psychology, Computer Science, Sociology, and Philosophy.

**THE COLLEGE’S DEPARTMENT OF MODERN LANGUAGES AND LITERATURES** can provide you with a broader perspective of the interconnectedness of world cultures through the study of languages.

**Get a Glimpse**

Here are some of the interesting courses you can take when you major in German.

- **Elementary German I** (GER 101)
- **Intermediate German I** (GER 201)
- **The Holocaust in History, Film, and Memorial Culture** (GER 370)

**www.as.miami.edu/mll**

**COULD THIS BE U?**

**CAREERS AVAILABLE FOR DEPARTMENT OF MODERN LANGUAGES MAJORS**

- The United Nations
- Diplomacy and Foreign Service
- Law Enforcement
- Military
- State Department
- Civil Service
History

IN SMALL CLASSES WITH WORLD-CLASS HISTORIANS is where you will gain the skills you need to succeed in taking your next step.

Our history professors are not only leaders in their fields, winning top grants and publishing award-winning books, but they are also dedicated teachers. They will train you to answer complex questions about the human experience and gain the analytical and communication skills that Fortune 500 employers, public service organizations, and top law and medical schools are looking for.

And did you know, History majors tend to outperform other majors in entrance exams for graduate school in law, business, and medicine? Whether you are thinking of going into public service, law, business, or medicine in the future, majoring in History will equip you for whichever path you choose.

Get a Glimpse

Here are some of the interesting courses you can take when you major in History:

- **History of Southern Africa** (HIS 309)
- **The Civil Rights Movement** (HIS 373)
- **Europe After Hitler** (HIS 390)

www.as.miami.edu/history/undergraduate

COULD THIS BE U?

SEAN DRISCOLL ’15
A.B. HISTORY

Sean Driscoll, ’15, was awarded a Fulbright English Teaching Assistant Grant to Indonesia. Driscoll plans to become a history teacher and also has experience working with ESOL students. He hopes to fully integrate recreational sports into Indonesia’s schools.
Dr. Merike Blofield is Associate Professor of Political Science and the Director of the Women’s and Gender Studies program. Her book *Care Work and Class: Domestic Workers’ Struggle for Equal Rights in Latin America* won the National Women’s Studies Association Sara A. Whaley Book Award. Dr. Blofield is a lead coordinating author for the International Panel on Social Progress.
Requirements to earn your IM include a proposal explaining why existing majors are inappropriate or inadequate to satisfy your needs; specific coursework requirements of at least 30 credits beyond those needed to fulfill a general education major; and a GPA of 3.5 or higher.

You can begin to develop a proposal for the IM when you reach your sophomore year and you must declare the IM before reaching your senior year. The guidance committee typically includes two tenured or tenure-track faculty, typically from different departments, who represent the main scholarly areas of the courses selected for the IM.

**Get a Glimpse**

With hundreds of course offerings at the College of Arts & Sciences, the Independent major lets you choose almost any combination of courses!

**WILLIAM HECTOR ’15**

INDEPENDENT MAJOR

“Given my equal interests in politics and philosophy, I wanted to see if I could pursue a combined, interdisciplinary course of study here at UM, while also continuing my creative studies. The best thing about my UM experience was the chance to have two of my plays read by amazing casts of student, faculty and outside professional actors. These were both extraordinary opportunities and more than I could ever have hoped for at this stage of my development as a writer. Neither would have been possible without the dedication of the Theatre Arts department faculty or the direct and inspirational contributions of my PPE faculty.”

**WILLIAM MODELED HIS MAJOR ON PROGRAMS AT THE UNIVERSITIES OF OXFORD AND PENNSYLVANIA. IT SUPPLEMENTS HIS STUDIES IN PLAYWRITING IN THE DEPARTMENT OF THEATRE ARTS.**

**COULD THIS BE U?**
WITH A MAJOR IN INTERNATIONAL STUDIES YOU WILL RECEIVE A FOCUSED EDUCATIONAL EXPERIENCE learning about the key structural features and dynamics of the international system as you prepare to enter the growing international job market.

An International Studies major will provide you with insight into international politics within the context of interstate relations and foreign policy, international economics and its sub-discipline, international political economy, on issues such as, trade and production, money and finance, and development; and research methods in social sciences that include qualitative, quantitative, comparative case study, and formal modeling.

Get a Glimpse

Here are some of the interesting courses you can take when you major in International Studies:

- **Global Economics** (INS 102)
- **Globalization and Change in World Politics** (INS 201)
- **Global Political Economy** (INS 321)

COULD THIS BE U?

**NATALIE CAIN ’13**
A.B., INTERNATIONAL STUDIES

Natalie Cain was awarded a Fulbright Grant to Ecuador. Cain is currently studying at UM’s Miller School of Medicine and hopes to one day work for a global public health organization such as the U.S. Centers for Disease Control and Prevention or the World Health Organization.
Judaic Studies

THE GEORGE FELDENKREIS PROGRAM IN JUDAIC STUDIES is a broad, flexible, interdisciplinary program where you can gain an understanding of Jewish civilization and its diverse cultural experiences.

This non-theological program is an academic exploration of the multi-faceted, socio-historical, 4,000-year record of the Jewish people. The courses you will take highlight the variety of cultural, political, social, and religious experiences of Jews in different times and places. These include courses on Israel, Zionism, and Jewish peoplehood, as well as four levels of Hebrew.

Judaic Studies courses also meet the requirements for the humanities and social sciences in the College of Arts & Sciences, the College of Engineering, the School of Communication, the School of Business, and the Frost School of Music.

COULD THIS BE U?

CAREERS AVAILABLE FOR JUDAIC STUDIES MAJORS

>> Historian
>> Editorial Assistant
>> Language Researcher
>> Professor
>> Teacher
>> Lawyer
>> Rabbi

www.as.miami.edu/judaicstudies
MIAMI IS CONSIDERED THE GATEWAY TO THE AMERICAS, and the University of Miami is striving to become a hemispheric University with vital connections to Europe, the Caribbean, and Latin America. If earning a major in Latin American Studies is your aim, the curriculum offered by the College is diverse, with an interdisciplinary approach to learning about the politics, economics, cultures, and societies of Latin America and the Caribbean.

This major is for you if you seek intensive background knowledge and learning about Latin America and the Caribbean, from the governments, laws, businesses, public health issues, and educational affairs that encompass this area of the globe. As a major in Latin American Studies, you are also encouraged to spend at least one semester aboard in a program with a Latin American and/or Caribbean Studies component.

Consider the Fellows in Latin American Studies (FILAS) honors program, offering collaborative research, travel, and work opportunities.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Latin American Studies:

- **Beginning Portuguese for Spanish Speakers** (POR 105)
- **Internship in Latin American & Caribbean Studies** (LAS 505)
- **Latin American Environmental Issues** (LAS 321)

COULD THIS BE U?

**MACKENZIE SHELDON ’15**
A.B./M.A., LATIN AMERICAN STUDIES

Mackenzie Sheldon, ’15, was awarded a Fulbright English Teaching Assistant Grant to Argentina. Sheldon plans to combine her expertise in teaching English with her passion for Latin American cultures, and will host international film screenings.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Latin American Studies:

- **Beginning Portuguese for Spanish Speakers** (POR 105)
- **Internship in Latin American & Caribbean Studies** (LAS 505)
- **Latin American Environmental Issues** (LAS 321)

www.as.miami.edu/LAS
Mathematics

WHETHER YOU ARE CONSIDERING A CAREER IN THE FIELDS OF SCIENCE, BUSINESS, OR EDUCATION—or primarily interested in gaining substantial problem solving and critical reasoning skills—a major in Mathematics from the College of Arts & Sciences will guide you to develop a deep understanding of the conceptual foundations of mathematics.

From calculus to abstract algebra and analysis, the knowledge you will gain through the concentrated and challenging mathematics courses, which are taught by our esteemed and award-winning faculty, will provide you with the necessary background in mathematics if you plan to go on to graduate study or pursue a career in accounting, business, science, or technology.

www.math.miami.edu

COULD THIS BE U?

INDUSTRIES THAT EMPLOY THE MOST MATHEMATICIANS

>> Federal Government 30%
>> Scientific Research and Development Services 20%
>> Educational Services: state, local, and private 18%
>> Management of Companies and Enterprises 7%
>> Manufacturing 3%

Get a Glimpse

Here are some of the interesting courses you can take when you major in Mathematics:

Abstract Mathematics (MTH 230)
Advanced Calculus (MTH 433)
Modern Algebra (MTH 461)
Dr. Caleb Everett is an Anthropological Linguistics Professor at the College of Arts & Sciences. His trailblazing research focuses on the relationship between language, thought, and environment. He is a member of the inaugural class of Andrew Carnegie Fellows, awarded for his research on dying languages in Australia, New Guinea, and the Amazon.
Microbiology

MICROBIOLOGY AND IMMUNOLOGY IS CONCERNED WITH THOSE LIVING ORGANISMS which exist in the microscopic or submicroscopic realms. They include bacteria, viruses, yeast, molds, and protozoa that can cause diseases. If you are interested in these forms of life not seen by others then consider a major in Microbiology.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Microbiology.

- **Modern Plagues and Society** (MIC 201)
- **Innate Immunity** (MIC 319)
- **Medical Parasitology** (MIC 322)

COULD THIS BE U?

A MAJOR IN MICROBIOLOGY CAN LEAD TO A CAREER AS A BACTERIOLOGIST, IMMUNOLOGIST, MYCOLOGIST, OR VIROLOGIST FOR MAJOR CORPORATIONS, GOVERNMENTAL AGENCIES, HOSPITALS, RESEARCH FOUNDATIONS AND FACILITIES, PUBLIC HEALTH AGENCIES, AND UNIVERSITIES.

While studying for your major, you will participate in research opportunities and laboratory work to help prepare you for the various disciplines within the field of Microbiology and Immunology, including virology, parasitology, microbial genetics, immunology, and medical bacteriology.

The College also promotes its cutting-edge research in the field of Microbiology and Immunology by hosting seminars with speakers from within and outside the University of Miami, which you are encouraged to attend. Microbiology and Immunology is an ancillary department in the College of Arts & Sciences and requires you to be proficient in chemistry, biology, biochemistry, physics, and mathematics.

www.as.miami.edu/microbiology
A major in Neuroscience can expose you to finding the scientific answers to these questions and many more, with the guidance of talented faculty who will expose you to the fundamental understanding of the nervous system in development, at a cellular and molecular level to higher brain functions in support of cognition and behavior.

Neuroscience is an interdisciplinary field that draws from a number of scientific disciplines, including medicine, biology, psychology, physics, chemistry, mathematics, computer science, and biomedical engineering.

While the home of the major is here at the College of Arts & Sciences, the teaching faculty and Steering Committee come from several schools and departments including the Miller School of Medicine and the Departments of Psychology and Biology.

**DOES INVESTIGATING THE STRUCTURE AND FUNCTION OF THE NERVOUS SYSTEM PIQUE YOUR INTEREST?** How about the nature of cognition or research related to neurological disorders?

**COULD THIS BE U?**

**MAURA LAPOFF**
**NEUROSCIENCE ALUMNA**
Alumna and Neuroscience major Maura Lapoff recently won a Boren Scholarship to study in Jordan. David L. Boren Scholarships provide students with resources and encouragement to acquire languages skills and experience in countries considered critical to the security and stability of our nation.

**Get a Glimpse**
Here are some of the interesting courses you can take when you major in Neuroscience.

- **Cellular and Molecular Neuroscience** (NEU 465)
- **Neural Mechanisms of Disease** (NEU 342)
- **Neurogenetics** (NEU 400)

[www.as.miami.edu/neuroscience](http://www.as.miami.edu/neuroscience)
PHILOSOPHY IS BOTH ONE OF THE OLDEST AND ONE OF THE NEWEST SCHOLARLY DISCIPLINES. Questions about the structure of reality, the nature of knowledge, and the makings of a good life have been asked since the dawn of inquiry, and continue to fascinate today.

But the modern world presents new challenges, and provides powerful new resources that have revolutionized philosophical discovery. Today, Philosophy is a vibrant field that utilizes rigorous logic, careful conceptual distinction, and interdisciplinary research to answer questions that lie at the heart of the academy.

A major in Philosophy enriches your rational capacity, providing a strong bedrock for getting the most out of any other intellectual or humanistic activity you choose to pursue. If you’re driven by the quest for knowledge and the thrill of rational inquiry, then a major in Philosophy is for you. Majoring in Philosophy is also great for career-minded individuals; the writing and reasoning skills are ideal for business and prepare you for graduate school admissions.

COULD THIS BE U?

PHILOSOPHY MAJORS MAKE ON AVERAGE THE HIGHEST CAREER EARNINGS OF ANY HUMANITIES BACHELOR DEGREE.

PHILOSOPHY MAJORS ARE TOP GRE PERFORMERS

From 2006 to 2014 Philosophy was the top performer among all majors on the verbal and writing sections of the GRE, and the top humanities major on the quantitative reasoning section.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Philosophy:

- The Superhuman Mind: An Introduction to the Philosophy of Mind (PHI 109)
- Biomedical Ethics (PHI 334)
- Induction, Probability, and Scientific Method (PHI 543)

www.as.miami.edu/phi
J. Albert C. Uy is Professor of Biology and the Aresty chair in Tropical Ecology. He studies the origin of biological species, using tropical birds as the primary organism. His cutting-edge research on speciation in the Solomon Islands was featured in a documentary, *Islands of Creation*, which aired on the Smithsonian Channel.
Physics

The Physics faculty are dedicated to an enriching and challenging education in small classes and working alongside students in internationally recognized research groups at the forefront of their disciplines. A variety of flexible major tracks offer opportunities for a double major.

PHYSICS MAJORS ARE CURIOUS ABOUT THE NATURAL WORLD AND ARE EMPOWERED BY THEIR COURSE WORK AND RESEARCH EXPERIENCES to ask probing questions about how and why things work, from the atomic scale where quantum mechanics reigns to the cosmic scale where dark energy dictates the expansion of the universe.

COULD THIS BE U?

“\text{I NEVER IMAGINED HAVING THE JOB I DO TODAY AS THE OPERATIONS MANAGER OF THE U.S. ANTARCTIC PROGRAM, BUT BEING IN THE COLLEGE OF ARTS AND SCIENCES PROVIDED ME WITH A DIVERSE TOOLBOX AND A SET OF SKILLS TO ATTACK THE TECHNICAL PROBLEMS I’M FACED WITH, WORK EFFECTIVELY WITH INTERNATIONAL PARTNERS, AND LEAD WITH CONFIDENCE.}”

MARGARET KNUTH, ’03
PHYSICS AND MARINE SCIENCE OPERATIONS MANAGER FOR THE NATIONAL SCIENCE FOUNDATION’S U.S. ANTARCTIC PROGRAM

Get a Glimpse

Here are some of the interesting courses you can take when you major in Physics:

- Challenges in Biological Physics (PHY 300)
- Astrophysics (PHY 545)
- Quantum Mechanics & Modern Physics I (PHY 560)

www.as.miami.edu/physics
Political Science

WHETHER YOU ARE INTRIGUED BY GOVERNMENT POLICY aimed at achieving economic stability or the structure of American politics, consider a major in Political Science.

As a Political Science major, you will study government, public policies, and political behavior as well as comparative and international politics in different countries around the world.

From the study of modern and contemporary political ideologies, such as Liberalism, Conservatism, and Marxism, to international relations associated with the United States and the rest of the world, a major in Political Science can structure your mind and prepare you for participation in endeavors, such as community organization, electoral politics or administrative positions in government.

COULD THIS BE U?

DALTON FOUTS ’15
A.B., POLITICAL SCIENCE

Dalton Fouts, ’15, was awarded a Fulbright English Teaching Assistant Grant to Indonesia. He plans to use drama as an outreach program for community-based English instruction in the country.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Political Science.

Government and Society (POL 213)
The Politics of Growth Management (POL 300)
Political Ideologies (POL 307)

www.as.miami.edu/politicalscience
Psychology

PSYCHOLOGY IS THE STUDY OF HOW INDIVIDUALS THINK, BEHAVE, FEEL, AND RELATE TO OTHERS. It discovers the internal and environmental factors that determine thought and behavior, and its research is of fundamental importance to the principles underlying other categories of knowledge including Economics, Political Science, Art, and Medicine.

Majoring in Psychology is an opportunity for you to learn about a topic of broad relevance while also gaining specific and detailed knowledge of the human mind. You will learn scientific research methods and psychological theory across a comprehensive spectrum of areas including abnormal, developmental, personality, and social psychology. Advanced courses cover topics such as drugs, aging, cultural values, and sexual behavior. Additionally, you can choose to be involved in conducting faculty members’ ongoing research studies.

A Psychology major will prepare you for graduate study or a career in a wide range of people-oriented professions (e.g., medicine, law, business, communications). You will learn about human behavior and gain the analytical and critical thinking skills that are highly valued in the workforce and research communities.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Psychology:

- **Cognitive Psychology** (PSY 250)
- **Psychology of Language Development** (PSY 330)
- **Psychobiology** (PSY 425)

PSYCHOLOGY MAJORS GAIN TEN SKILLS DESIRABLE IN THE JOB MARKET

> Predict and understand the behavior of individuals and groups
> Understand how to use and interpret data
> Evaluate the legitimacy of claims about behavior
> Know how memory and learning function
> Have insight into problematic behaviors
> Demonstrate the capacity to adapt to change
> Understand and operate effectively throughout the channels of an organization
> Manage difficult situations and high stress environments
> Start and carry out projects with limited information or experience
> Show persistence in challenging circumstances

www.psy.miami.edu
DR. MICHAEL ALESSANDRI

Dr. Michael Alessandri is Clinical Professor of Psychology and Pediatrics, Assistant Chairman of the Department of Psychology, and the Executive Director of the Center for Autism and Related Disabilities (CARD). He was named the Autism Society of America’s Wendy F. Miller Autism Professional of the Year and is a Children’s Trust David Lawrence Jr. Champion for Children.
Religious Studies

RELIGION PLAYS A UNIQUE ROLE IN THE HUMAN EXPERIENCE. The diversity in religion across time and culture makes a major in Religious Studies a broad area of study focused on a matter of historical, cultural, social, and political importance.

With a Religious Studies major, you will learn what religion is; how religion both shapes and reflects culture, society, politics, and individual experience; and the multiple ways religion matters — and has mattered — locally and globally, from antiquity to the present. Through the examination of varied disciplinary approaches and exposure to concrete diverse cultural expressions of religion, you will foster a broad and deep appreciation of religion’s individual, cultural, and social contributions.

The Department of Religious Studies aims to strengthen your capacities to read carefully, question critically, communicate knowledge effectively, and apply your learning in civic engagement.

www.as.miami.edu/religion

Get a Glimpse

Here are some of the interesting courses you can take when you major in Religious Studies:

One Goal: Transforming the Self in Asian Religions (REL 105)
Religion in Modern Israel (REL 268)
The Bible and Modern Film (REL 324)

COULD THIS BE U?

ASMA T. UDDIN ’02
RELIGIOUS STUDIES AND ENGLISH
THE BECKET FUND FOR RELIGIOUS LIBERTY

Asma T. Uddin, ’02, graduated from the College of Arts & Sciences with a double major in Religious Studies and English. She attended The University of Chicago Law School where she was a member of The University of Chicago Law Review. After practicing commercial litigation at national law firms, she joined The Becket Fund for Religious Liberty in 2009 where she has defended religious liberty in the U.S. through several prominent cases, including the 2014 Supreme Court landmark case, Burwell v. Hobby Lobby, as well as Holt v. Hobbs and amici support in EEOC v. Abercrombie & Fitch Stores, Inc.
Religion + Healthcare

IF YOU ARE INTERESTED IN ANY ASPECT OF HEALTHCARE, or wish to supplement a pre-med education with coursework in the field of Religious Studies, then a major in Religion and Healthcare is for you.

This major combines traditional Religious Studies coursework with classes that focus on the intersection of Religion and Healthcare, including topics such as sexuality, medical ethics, and death.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Religion and Healthcare:

- **Religion and Moral Choices** (REL 151)
- **Religion and Human Sexuality** (REL 252)
- **Ethics and Genetics** (REL 451)

COULD THIS BE YOU?

WITH A MAJOR IN RELIGION AND HEALTHCARE, YOU CAN SEEK PROFESSIONAL TRAINING IN LAW, BUSINESS, MEDICINE, JOURNALISM, OR CONTINUE GRADUATE STUDY IN ANTHROPOLOGY, CLASSICS, HISTORY, OR PHILOSOPHY.

www.as.miami.edu/religion/undergraduate

COULD THIS BE YOU?

WITH A MAJOR IN RELIGION AND HEALTHCARE, YOU CAN SEEK PROFESSIONAL TRAINING IN LAW, BUSINESS, MEDICINE, JOURNALISM, OR CONTINUE GRADUATE STUDY IN ANTHROPOLOGY, CLASSICS, HISTORY, OR PHILOSOPHY.
Secondary Education

NOT EVERYONE HAS THE TALENT FOR DEALING WITH TEENAGERS, but if you feel a career as a high school educator appeals to you, consider a major in Secondary Education.

If you decide to declare a major in Secondary Education, you must choose a teachable subject and enroll through the College of Arts & Sciences. The program in Secondary Education enables you to teach in a secondary school in the areas of English, Mathematics, Biology, Economics, Geography, History, International Studies, or Political Science.

COULD THIS BE U?

“I TEACH BIOLOGY, PHYSICAL SCIENCE & ENVIRONMENTAL SCIENCE. I GRADUATED WITH A DOUBLE MAJOR IN BIOLOGY & SECONDARY SCIENCE EDUCATION; I WOULD NOT HAVE BEEN ABLE TO BE SO COMPETITIVE AS A JOB APPLICANT WITHOUT BOTH MAJORS.”

NICOLE SWANSON ’15
BIOLOGY AND SECONDARY SCIENCE EDUCATION
Miami-Dade County Public High School science teacher and coordinator for Science & Technology Competitions (SECME) at Robert Morgan Educational Center

Get a Glimpse

Here are some of the interesting courses you can take when you major in Secondary Education:

Building Positive Relationships in Diverse Inclusive Secondary Schools (TAL 204)
Classroom and Behavior Management (TAL 305)
Content Area Literacy in the Secondary Classroom (TAL 404)

www.education.miami.edu
One of our most notable features as people is that we create groups: We establish friendships, begin families, start businesses, create committees, establish neighborhoods, join religious organizations, and build cities and nations. The kinds of groups that people create and belong to, and how these groups shape and influence our lives, are issues at the core of sociological study.

The social world is as dynamic and diverse as the people who create it. A major in Sociology will give you an education that reflects this diversity, and provide you with the critical thinking and communications skills valued in today’s workforce. By majoring in Sociology, you can not only be a part of the social world, you can master it.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Sociology.

- Deviant Behavior (SOC 270)
- Dynamics of Poverty in the United States (SOC 304)
- Sports and Society (SOC 352)

Could This Be U?

Sociology Majors Are Well Positioned For an Economy That Is Increasingly Data and Demographics Driven, And the Job Market for Sociologists Is Projected to Grow Faster Than the Average for All Careers.

Sociology in Action

Businesses, non-profits, and governments all have a need for understanding social dynamics. Their emphasis on social issues means that sociology majors also enter into careers in law, education, urban planning, social services, counseling, and many more.

www.as.miami.edu/sociology
Spanish

THE DEPARTMENT OF MODERN LANGUAGES AND LITERATURES OFFERS A MAJOR IN SPANISH – a language frequently used in Miami by not only University of Miami faculty and staff, but also the local community.

When you major in Spanish, you will be absorbed in studying the language through literature and its cultural connections. In addition, the department offers you an exciting opportunity to engage in a learning experience that will help you succeed in your chosen field and acquire a deeper understanding of your own and others’ linguistic and cultural heritages.

You may even qualify for a wide range of departmental awards for excellence in linguistic and literary achievement – The Modern Languages and Literatures Awards Reception takes place annually during graduation week; some awards are conferred through nomination by professors and others require an application.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Spanish:

- Colonial Spanish American Topics (SPA 353)
- 19th-century Spanish American Topics (SPA 354)
- Medieval and Early Modern Peninsular Topics (SPA 363)

COULD THIS BE U?

CAREERS AVAILABLE FOR SPANISH MAJORS

- Government – translator, civil service
- Travel – tour guide, travel agent
- Education – private tutor, college professor
- Journalism – broadcast & print, photographer

www.as.miami.edu/mll
The Theatre Arts Department will provide you with the faculty, the tools, and the supportive community of fellow artists you will need to realize your theatrical dreams through rigorous training and study. Here, you will learn by doing.

Every year, students work alongside professors to produce a full season of plays and musicals at the Jerry Herman Ring Theatre, gaining a thrilling array of hands-on theatrical experience in a pre-professional theatrical setting.

In addition to the liberal arts B.A. degree in Theatre Arts, you may choose to pursue B.F.A. degrees in acting, musical theatre, theatre management, stage management, and design/production. Regardless of the path you choose, your training as a theatre major will focus on you as a person and as an artist, preparing you for lifelong success both inside and outside of the theatre.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Theatre Arts:

- **Introduction to Acting** (THA 105)
- **Survey of Design for Theatre and Live Entertainment** (THA 246)
- **The Theatre Industry** (THA 364)

**COULD THIS BE U?**

**MANY UM THEATRE ARTS ALUMNI HAVE ATTAINED SUCCESSFUL CAREERS IN BOTH THE PROFESSIONAL AND ACADEMIC THEATRE AND FILM WORLDS, AS WELL AS OTHER PROFESSIONS SUCH AS LAW, EDUCATION, BUSINESS, AND PUBLIC RELATIONS.**


**UM THEATRE ALUMNI ON STAGE AND ON THE BIG SCREEN**

Some of the many notable alumni include, Jerry Herman (Hello Dolly!), Ray Liotta (Something Wild, Goodfellas), Steven Bauer (Scarface, Traffic), Janet Aldrich (Three Musketeers, Annie), and Saundra Santiago (Nine, Carlito’s Way).
Women’s and Gender Studies

GENDER AND SEXUALITY ARE CRUCIAL COMPONENTS OF EVERY ASPECT OF THE HUMAN EXPERIENCE. They influence and are influenced by social, legal, racial, cultural, political, and economic contexts, demanding a rigorous and interdisciplinary approach to their study. The Women’s and Gender Studies program offers an interdisciplinary major that explores the important and pervasive sexual dimension of the individual and society.

The undergraduate curriculum in Women’s and Gender Studies explores the ways in which ideas about gender and sexuality shape social roles and identities, as well as the ways in which race, ethnicity, class, and nationhood influence the perception and experience of gender and sexuality within particular cultures.

You will be introduced to feminist theory and scholarship, and examine ethical and political issues of equality and justice. Courses in Women’s and Gender Studies strengthen your critical and analytical skills, which you can then apply in other aspects of your educational experience at UM and beyond the university in your career and personal development.

If you want to question common assumptions about the meanings of masculinity and femininity by examining how different societies and historical periods have viewed manhood, womanhood, and relations between men and women, then the Women’s and Gender Studies major is for you.

www.as.miami.edu/wgs

COULD THIS BE U?

“GENDER AND SEXUALITY AFFECT OUR LIVES IN WAYS WE MIGHT NEVER IMAGINE; DISCOVERING THEM IN ACTION IS AN EYE-OPENING EXPERIENCE.”

JOSH MARZANO ’16
WOMEN’S AND GENDER STUDIES

Josh Marzano traveled to Madrid, where he researched LGBTQ fiction at the Biblioteca Nacional. He is now creating an LGBTQ English curriculum that will engage high school students in discussions of LGBT experiences as they relate to topics such as spirituality, coming out, gender, and sexual norms.

Get a Glimpse

Here are some of the interesting courses you can take when you major in Women’s and Gender Studies:

European Sexualities (WGS 220)
Feminist Inquiries (WGS 301)
Interpreting Bodies (WGS 420)
MINORS IN ARTS & SCIENCES

Aerospace Studies
Africana Studies
American Studies
Anthropology
Arabic Studies
Architecture
Art
Biochemistry
Biology
Chemistry
Classics

Computer Science
Criminology
Economics
Ecosystem Science & Policy
English
French
Geography and Regional Studies
Geological Sciences
German
History
Italian

International Studies
Judaic Studies
Latin American Studies
LGBTQ Studies
Mathematics
Marine Science
Medical Humanities
Meteorology
Microbiology
Military Science
Philosophy

Physics
Political Science
Portuguese
Psychology
Religious Studies
Religion & Healthcare
Sociology
Social Science & Medicine
Spanish
Theatre Arts
Urban Studies
Women's and Gender Studies