



**MYMAJOR.FIU.EDU**

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**STUDENT MANUAL**

**Be Worlds  
Ahead**

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# **INTRODUCTION**

## **What is MyMajor?**

MyMajor provides in-depth information on all FIU Undergraduate majors, their admissions criteria, career opportunities, and their departments' contact information. MyMajor includes MajorMaps, or programs of study, that shows students what they need to take in order to graduate in a timely manner.

## **GSI Suite Technological Tools**

- [mymajor.fiu.edu](http://mymajor.fiu.edu)
- [my.fiu.edu](http://my.fiu.edu)
- MyMajorMatch

## **Why MyMajor?**

The website's goal is to assist students in finding the right major. MyMajor showcases all the majors at FIU, making it easier to navigate and view the different possibilities available.

## **What are the benefits?**

- MyMajor places the FIU majors at the students' fingertips.
- MyMajor provides students with a one-stop shop to the different majors offered at FIU.
- MyMajor provides Major Maps (Plans of Study) which outline the student's academic career.
- MyMajor assists students to graduate in a timely manner.

This Training Manual will guide you on how to navigate and use the MyMajor website.

# HOW TO ACCESS AND USE MYMAJOR

1. Go to [mymajor.fiu.edu](http://mymajor.fiu.edu).

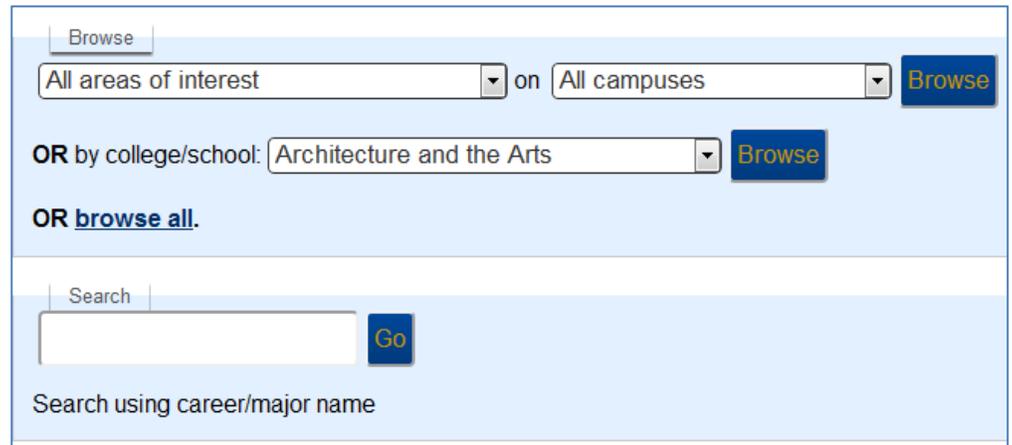
The screenshot shows the MyMajor website interface. At the top, there is a blue header with the FIU logo (Florida International University) and the text "MyMajor". Below the header, the main heading is "UNDERGRADUATE DEGREE SEARCH". A welcome message reads: "Welcome to MyMajor! MyMajor provides in-depth information on all FIU Undergraduate majors, their advisors, and their departments' contact information. MyMajor includes MajorMaps, or programs of study, that shows students in a timely manner." Below this, there are two search options. The first is a "Browse" section with two dropdown menus: "All areas of interest" and "All campuses", followed by a blue "Browse" button. The second is "OR by college/school:" with a dropdown menu showing "Architecture and the Arts" and a blue "Browse" button. Below these is the text "OR browse all." The third section is a "Search" section with a text input field and a blue "Go" button. Below the input field, it says "Search using career/major name".

# BROWSE MAJORS

2. There are four different browsing options:

- “All Areas of Interest” on “All Campuses.”
- “College/School” (i.e. Architecture and the Arts)
- “Browse All”
- “Search” Box

 includes a list of options available to browse.



Browse

All areas of interest on All campuses **Browse**

OR by college/school: Architecture and the Arts **Browse**

OR [browse all.](#)

Search **Go**

Search using career/major name

3. After entering your search criteria, the results will display.

Undergraduate Degree Search Biological and Environmental Sciences on All campuses **Go** or by college/school: Architecture and the Arts **Go**

[Apply Now](#) [Show all](#)

### BROWSE MAJORS

Majors	Degree	Major Maps	College/School	Campuses	Compare
Biological and Environmental Sciences	Exploratory	Exploratory Freshmen, Exploratory Transfer	Undergraduate Education	BBC, MMC	<input type="checkbox"/>
Biological Science	Bachelor of Science	2-year Transfer, 4-year Freshman	Arts and Sciences	BBC, MMC	<input type="checkbox"/>
Biological Science: Education	Bachelor of Science	2-year Transfer, 4-year Freshman	Arts and Sciences	BBC, MMC	<input type="checkbox"/>
Biological Science: Education (Program Description)	Bachelor of Science	N/A	Education	MMC	<input type="checkbox"/>
Environmental Studies	Bachelor of Science	2-year Transfer, 4-year Freshman	Arts and Sciences	MMC	<input type="checkbox"/>
Environmental Studies: Agricultural Sciences	Bachelor of Science	2-year Transfer, 4-year Freshman	Arts and Sciences	MMC	<input type="checkbox"/>
Environmental Studies: Natural Resources Sciences	Bachelor of Science	2-year Transfer, 4-year Freshman	Arts and Sciences	MMC	<input type="checkbox"/>
Marine Biology	Bachelor of Science	2-year Transfer	Arts and Sciences	BBC, MMC	<input type="checkbox"/>
Sustainability and the Environment	Bachelor of Arts	2-year Transfer, 4-year Freshman	Arts and Sciences	MMC	<input type="checkbox"/>
Sustainability and the Environment (Online)	Bachelor of Arts	2-year Transfer, 4-year Freshman	Arts and Sciences	ON	<input type="checkbox"/>

**Criteria**  
 Area: Biological and Environmental Sciences

4. The Search results are broken down by “Majors,” “Degree,” “Major Maps,” “College/School,” and “Campuses.”

Majors	Degree	Major Maps	College/School	Campuses
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5. By placing your cursor over a major, a pop-up will appear with a brief description of the major.

## BROWSE MAJORS

Majors	Degree	Major Maps
<a href="#">Biological and Environmental Sciences</a>	Exploratory	Exploratory Freshmen, Exploratory Transfer
<a href="#">Biological Science</a>	Bachelor of Science	2-year Transfer, 4-year Freshman
<a href="#">Biological Science: Education</a>	Bachelor of Science	2-year Transfer, 4-year Freshman
<a href="#">Biological Science: Education (Program Description)</a>	Bachelor of Science	N/A
<a href="#">Environmental Studies</a>	Bachelor of Science	2-year Transfer, 4-year Freshman
<a href="#">Environmental Studies</a>	Bachelor of Science	2-year Transfer, 4-year Freshman
<a href="#">Environmental Studies</a>	Bachelor of Science	2-year Transfer, 4-year Freshman
<a href="#">Marine Biology</a>	Bachelor of Science	2-year Transfer
<a href="#">Sustainable Development</a>	Bachelor of Arts	2-year Transfer, 4-year Freshman
<a href="#">Sustainable Development</a>	Bachelor of Arts	2-year Transfer, 4-year Freshman

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The Bachelor of Sciences in Environmental Studies degree emphasizes chemical and ecological aspects of environmental analysis. This degree provides students with a strong background in the natural sciences as preparation for technical work in the environmental field, with a particular emphasis on chemistry and biology. The degree has an interdisciplinary focus, and its majors are required to take courses in environmental economics and policy, as well as a course in environmental ethics. Both the BA and BS programs feature internships in the senior year, with students placed in the US Environmental Protection Agency (USEPA), the US Department of Agriculture (USDA), and other environmental agencies and non-governmental organizations.

# MAJOR OVERVIEW

<p><b>6. Click on a major and you will be directed to the major information page.</b></p>	<div style="border: 1px solid #ccc; padding: 10px;"> <p style="text-align: center;"><b>BIOLOGICAL SCIENCE, BACHELOR OF SCIENCE</b></p> <hr/> <p><b>Arts and Sciences</b>  Campus: <a href="#">Biscayne Bay Campus</a>, <a href="#">Modesto Maidique Campus</a></p> <p style="text-align: center;"><b>Program Description</b></p> <p>The Biological Sciences degree program provides a strong foundation in biology, from molecules to ecosystems, including structural and developmental biology, physiology, organismal diversity, and ecology, within an evolutionary framework. Faculty and students work with a diverse array of plant, animal, and microbial organisms and in a wide range of terrestrial, freshwater, and marine habitats. FIU is ideally situated for the study of tropical biology and many of our laboratories specialize in tropical systems. This field of study will prepare students for further graduate and professional studies, as well as for employment in areas that require university-level training in the life sciences. A Biology Education track prepares students for teaching at the secondary level.</p> <p style="text-align: center;"><b>Admission Requirements</b></p> <p>1. Students entering FIU as Freshmen or as a Transfer student with less than 60 transfer credits  Admissions criteria are the same as the general FIU criteria for students entering with fewer than 60 approved credits. <a href="#">Click here for the details.</a></p> <p>2. Transfer students entering FIU with 60 or more transfer credits  Admissions criteria are the same as the general FIU criteria for students entering with 60 or more approved credits. <a href="#">Click here for the details.</a></p> <p style="text-align: center;"><b>Career Opportunities</b></p> </div>
<p><b>7. You will be able to view the “Program Description,” “Admission Requirements,” “Career Opportunities,” and “Contact Information.”</b></p>	<div style="text-align: center; padding: 20px;"> <p><b>Program Description</b></p> <hr style="width: 50%; margin: 5px auto;"/> <p><b>Admission Requirements</b></p> <hr style="width: 50%; margin: 5px auto;"/> <p><b>Career Opportunities</b></p> <hr style="width: 50%; margin: 5px auto;"/> <p><b>Contact Information</b></p> </div>
<p><b>8. The “Program Description” provides you with background information on the specific major.</b></p>	<div style="border: 1px solid #ccc; padding: 10px;"> <p style="text-align: center;"><b>Program Description</b></p> <p>The Biological Sciences degree program provides a strong foundation in biology, from molecules to ecosystems, including structural and developmental biology, physiology, organismal diversity, and ecology, within an evolutionary framework. Faculty and students work with a diverse array of plant, animal, and microbial organisms and in a wide range of terrestrial, freshwater, and marine habitats. FIU is ideally situated for the study of tropical biology and many of our laboratories specialize in tropical systems. This field of study will prepare students for further graduate and professional studies, as well as for employment in areas that require university-level training in the life sciences. A Biology Education track prepares students for teaching at the secondary level.</p> </div>

9. “Admission Requirements” provides requirements needed to apply for the major.

**Admission Requirements**

1. Students entering FIU as Freshmen or as a Transfer student with less than 60 transfer credits  
Admissions criteria are the same as the general FIU criteria for students entering with fewer than 60 approved credits. [Click here for the details.](#)
2. Transfer students entering FIU with 60 or more transfer credits  
Admissions criteria are the same as the general FIU criteria for students entering with 60 or more approved credits. [Click here for the details.](#)

10. “Career Opportunities” allows you to view “Related Occupations” and “Wages & Employment Trend” for your specific major.

**Career Opportunities**

Related Occupations:

- Bioinformatics Scientists
- Molecular and Cellular Biologists
- Geneticists

Most of these occupations require graduate school. For example, they may require a master's degree, and some require a Ph.D., M.D., or J.D. (law degree).

Wages & Employment Trends for Biological Scientists:

Florida Median income	\$71,590
Florida rate of growth	+7%
National Median wages	\$74,720
National Projected growth	-1%

Source and more information: <http://www.onetonline.org/link/summary/19-1029.00>

These resources are provided by O\*NET. O\*NET is a database that correlates degrees to career opportunities. It is highly encouraged to visit O\*NET to browse the career opportunities which are available.

Visit O\*NET at [www.onetonline.org](http://www.onetonline.org) for more information.

**11. “Contact Information” allows you to contact the department and/or advisors for more information regarding the major.**

**Contact Information**

Dr. John Makemson  
Undergraduate Program Director  
tel: 305-348-3097  
e-mail: [makemson@fiu.edu](mailto:makemson@fiu.edu)

Ms. Christina Callahan  
Ms. Evonne Palomino  
Ms. Camille Perkins  
Biology Advisors  
Tel: 305-348-1907  
E-Mail: [biologyadvising@fiu.edu](mailto:biologyadvising@fiu.edu)

Department of Biological Sciences, OE 246  
Florida International University  
11200 SW 8th Street  
Miami, FL 33199  
<http://casgroup.fiu.edu/Biology>

# MAJOR MAPS

12. Each Major has a 2-Year Transfer and/or a 4-Year Freshman Major Map.

- A 2-Year Transfer Major Maps is for students who transfer to FIU with at least 60 credit hours.
- A 4-Year Freshman Major Map is for students who begin at FIU with less than 60 credits.

**Major Maps (Plans of Study) outline the academic career for students. The Major Map shows the courses needed and grade desired by each department.**

**Please Note:** Although there is no major map for part-time students, the existing major maps are excellent guides. Please consult your advisor to tailor the major maps to your needs.

The major maps begin with the Fall 2012 admission year. Current students may use the major maps as a guide toward graduation. Please consult your advisor regarding your catalog requirements to





### Undergraduate Major Map

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Catalog Year 2012  
College / School Arts and Sciences  
Major Biological Sciences - BS  
Track / Concentration

Career Path Four Year Freshman

	Course Required	Description	Credit Hours	Critical Progress
Fall 2012 Total Credits 16.00	BSC1010	General Biology I	3.00	B
	BSC1010L	Gen Biology Lab I	1.00	
	ENC1101	Writing and Rhetoric I	3.00	
	MAC2311	Calculus I	4.00	B
	SLS1501	First Year Exper	1.00	
	CHM1045	General Chemistry I	3.00	C
	CHM1045L	Gen Chem Lab I	1.00	

tailor the major maps to your needs.	
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If you have any questions after reviewing this tutorial, please contact [advtech@fiu.edu](mailto:advtech@fiu.edu).