



# Agri-Science Major

Department of Earth and Environment

FLORIDA INTERNATIONAL UNIVERSITY

*Are you looking for a fulfilling major that applies:*



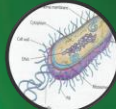
Horticulture



Chemistry



Environmental Science



Biology



Economics



Agriculture

*To Sustainable Food Systems?*

## Bachelor of Science in Environmental Studies

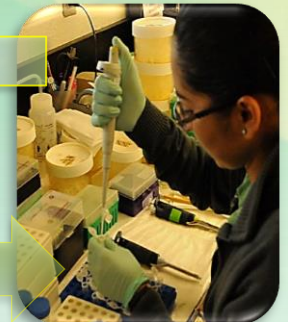
### Agri-Science Major

The Department of Earth and Environment at Florida International University (FIU) offers a Bachelor of Sciences degree program in Environmental Studies with a choice of majors in Agricultural Sciences or Natural Resource Sciences.

These majors have been designed to provide students with broad academic knowledge and experience to pursue careers in environmental professions or in advanced agricultural sciences fields.

For those interested in social science aspects of the environment or sustainable agriculture, the Department also offers the interdisciplinary Bachelor of Arts degree in Sustainability and Environment. Students in this program will engage in elective and capstone courses involving practical aspects of sustainable resource management, policy, society and business.

The Department also offers a Minor in Environmental Studies and various certificates. A grade of "C" or better is required for all required courses in the major and minor as well as for the Undergraduate Certificate in Environmental Studies, Agroecology, or Conservation Biology Management.



**From  
Field  
to Lab**

*As an Environmental Studies major, you can gain invaluable skills through education, research, and internship training*

#### Get more out of your major!

- Undergraduate Research Experience
- Undergraduate Scholarship Opportunity
- Assistance with Internship and Job Placement
- Travel to Gain Professional Experience
- Preparation for Graduate School

*See reverse side for tentative courses being offered*

#### Department of Earth and Environment

Modesto A. Maidique Campus

11200 SW 8<sup>th</sup> St., ECS 157, Miami, FL 33199

305-348-1930 | <http://earthenvironment.fiu.edu/> | [agroecology.fiu.edu](http://agroecology.fiu.edu)



**Arts &  
Sciences**

*School of Environment, Arts and Society*

# Environmental Studies BS- Agri-Science Major

**Degree Program Hours: 120**

Although students have some flexibility in taking classes, we **STRONGLY** recommend that every student consult with an advisor prior to setting up their class schedule. Student learning and grades can be negatively impacted by taking courses out of sequence. This schedule is intended to guide students in taking their EVR-AGR Lower and Upper Level Required Courses.

The tentative Working Schedule below assumes that most UCC have been fulfilled. Make sure that you have completed most of your Common Prerequisites prior to taking EVR Upper Level Required Courses.

## Lower Division-Required Courses

## Upper Division Required Courses

### Common Prerequisites

BSC 1010	General Biology I	3
BSC 1010L	General Biology I Lab	1
BSC 1011	General Biology II	3
BSC 1011L	General Biology II Lab	1
CHM 1045	General Chemistry I	3
CHM 1045L	General Chemistry I Lab	1
CHM 1046	General Chemistry II	3
CHM 1046L	General Chemistry II Lab	1
GLY 1010	Physical Geology	3
GLY 1010L	Physical Geology Lab	1
<b>or</b>		
GLY 3039	Environmental Geology	3
GLY 3039L	Environmental Geology Lab	1
EVR 3010	Energy Flow in Natural and Man-made Systems	3
<b>or a choice of</b>		
PHY 2023	Survey of General Physics <b>or</b>	3
PHY 2048	Physics w/ Calculus I <b>or</b>	4
PHY 2053	Physics w/o Calculus I	4
MAC 1147	Pre-Calculus Algebra and Trig	4
<b>or</b>		
MAC 1105	College Algebra	3
<b>and</b>		
MAC 1114	Trigonometry	3

### Lower or Upper Division Requirements

ECO 2023	Microeconomics	3
STA 3111	Statistics	3
STA 3112	Statistics II	3
<b>or</b>		
MAC 2311	Calculus I	4

### Recommended Courses for Electives:

GEO 3510	Earth Resources <b>GL</b>	3
GEO 4354	Geography/Global Food System <b>GL</b>	3
EVR 4401	Conservation Biology	3
IDS 3189	International Nutrition, Public Health, and Economic Development <b>GL</b>	3

### Required Courses for Both EVR Majors

EVR 3011	Environmental Resources and Pollution	3
ECP 3302	Introduction to Environmental Economics	3
EVR 4352	U.S. Environmental Policy	3
<b>or</b>		
POS 4035	Environmental Politics	3
EVR 4211	Water Resources	3
EVR 4211L	Water Resources Lab	1
EVR 4920	Environmental Studies Senior Seminar	1

### Required Courses for Agricultural Sciences Major

GIS 3043	Introduction to GIS	3
BOT 3810	Economic Botany	3
AGR 3930	Agricultural Colloquium	1
AGR 3xxx	Introduction to Horticulture	3
AGR 3xxxL	Introduction to Horticulture Lab	1
ENY 4060	Entomology	3
ENY 4060L	Entomology Lab	1
EVR 4592	Soils and Ecosystems	3
EVR 4592L	Soils and Ecosystems Lab	1
SWS 4303	Soil Microbiology	3
SWS 4303L	Soil Microbiology Lab	1
AGR 4xxx	Agriculture Internship	2

Two of the following three courses:

AGR 4xxx	Integrated Pest Management	3
EVR 4272	Agroecology	3
EVR 4274	Sustainable Agriculture	3

*ALL students are required to:*

- Take 120 total credits w/ 48 at the upper level (3000 or above)
- Take 9 elective credits outside of EVR
- Finish a foreign language requirement (up to a 2<sup>nd</sup> semester proficiency in a foreign language)