

Department of Earth and Environment Bachelor of Arts in Sustainability and the Environment

Lower Division Requirements (14 credits)

IDS 1273: First Yr Sem in Sustainability (1)	f, s
ECO 2023 Princ. Microeconomics (3)	f,s,ss
EVR 1001 Intro to Environ. Sci. GL (3)	f,s,ss
EVR 1001L Intro to Environ Sci. Lab (1)	f,s,ss
MAC 1105 College Algebra (3)	f,s,ss

And one of the following:

STA 2023 Statistical Methods (3)	f, s, ss
STA 3111 Statistics I (3)	f,s,ss

**Consult with an academic advisor to discuss the possibility of substituting this course with another approved Statistics course.*

Upper Division Program

I. Upper Division Core Courses (13 credits)

EVR 3326 Sustainability: Principles and Practice (4)	f
EVR 3740 Critical Thinking in Sustainability (3)	s

And one of the following policy courses:

EVR 4112 Climate Change Policy (3)	s
Prerequisites: EVR 4352 or permission of the instructor.	
EVR 4352 US Environmental Policy (3)	f, s, ss
EVR 4356 Coastal & Marine Envir Policy (3)	s
POS 4035 Environmental Politics (3)	s

And one of the following economics courses:

AEB 4131 Farm Economics and Management (3)	s
EVR 3723 Natural Res Val and Economics (3)	f,s,ss

II. Upper Division Area Studies (21-22 credits)

- Select **one** course from each of the lists of required courses offered in each of the 3 areas of concentration: **Sustainable Communities**, **Sustainable Ecosystems** or **Sustainable Resource Systems**.
- Select 12 credits of elective courses from any of the 3 areas of concentration below. You are encouraged to take all credits from a particular area to form a concentration. Alternatively, elective courses from any of the three areas may be combined.
- Courses not selected as a required core course can be used to satisfy the 12 credits of electives in the appropriate area. A course cannot be used to satisfy more than one requirement.
- Additional courses including internships may be accepted as electives with permission of the Undergraduate Program Director.

Areas of Concentration

A. Sustainable Communities

Required Courses: Choose one of the following

EVR 4112 Climate Change Policy (3)	s
Prerequisites: EVR 4352 or permission of the instructor.	
EVR 4411 Human Org & Ecosys Mgmt (3)	f
Prerequisite: An intro EVR course such as EVR1001, EVR1017, EVR3013	
EVR 4415 Population & Environ Issues (3)	s
EVR 4434 Sustainable Cities (3)	s

Elective Courses: Choose up to 12 credits from the following

EVR 3003 Latin America Environmental Issues (3)	
EVR 4112 Climate Change Policy (3)	s
Prerequisites: EVR 4352 or permission of the instructor.	
EVR 4356 Coastal & Marine Envir Policy (3)	s
EVR 4411 Human Org & Ecosys Mgmt (3)	f
Prerequisite: An intro EVR course such as EVR1001, EVR1017, EVR3013	
EVR 4415 Population & Environ Issues (3)	s

EVR 4434 Sustainable Cities (3)	f
EVR 4440 Beaches and Tourism (3)	f
GIS 3043C Intro to GIS (4)	f,s,ss
GLY 3034 Natural Disasters (3)	f,s
GLY 4734 Changing Coastlines GL (3)	f
GLY 4881 Coastal Hazards GL (3)	f
MET 3103 Planetary Climate Change (3)	s
REL 3492 Earth Ethics GL (3)	f,s

B. Sustainable Ecosystems

Required Courses: Choose one of the following

EVR 3011 Env Resource & Pollution (3)	f,s, ss
Prerequisites: MAC1105 and an introductory science course	
EVR 3013 Ecology of South Florida & Lab (4)	f,s,ss
EVR 4594 Anal So FI Ecosystems (3)	s
OCE 3014 Oceanography GL (3)	f,s

Elective Courses: Choose up to 12 credits from the following

EVR 3011 Env Resource & Pollution (3)	f,s
Prerequisites: MAC1105 and an introductory science course	
EVR 3013 Ecology of South Florida & Lab (4)	f,s,ss
EVR 4026 Ecology of Biotic Resources (3)	f
EVR 4323 Restoration Ecology & Lab (4)	s
EVR 4594 Anal So FI Ecosystems (3)	s
EVR 4910 Applied Ecology Field Excursion (3)	s
GIS 3043 Intro to GIS (4)	f,s,ss
GLY 3039 Environmental Geology & Lab (4)	f,s
GLY 4881 Coastal Hazards GL (3)	f
MET 3103 Planetary Climate Change (3)	s
OCE 3014 Oceanography GL (3)	f,s

C. Sustainable Resource Systems

Required Courses: Choose one of the following

AEB 4131 Farm Economics and Management (3)	s
EVR 3010 Energy Flow in Natural & Human Systems (3)	f,s
Prerequisites: MAC1105	
EVR 4272 Agroecology – GL (3)	f
EVR 4274 Sustainable Agriculture – GL (3)	s
GEO 3510 Earth Resources GL (3)	f, s

Elective Courses: Choose up to 12 credits from the following

AEB 4131 Farm Economics and Management (3)	s
EVR 3010 Energy Flow in Natural & Human Systems (3)	f,s
Prerequisites: MAC1105	
EVR 3163 Sustainable Forests (3)	
EVR 4272 Agroecology – GL (3)	f
EVR 4274 Sustainable Agriculture – GL (3)	s
EVR 4310 Energy Resources (3)	
GEO 3510 Earth Resources GL (3)	f, s,
GEO 4354 Geography of the Global Food System GL (3)	s
GIS 3043 Intro to GIS (4)	f,s,ss
HOS 3012&L Intro to Horticulture (4)	f

III. Capstone Sequence (6 credits)

EVR 4321 Sustainable Resource Development 3	f
IDS 4232 Sustainability in Action 3	f,s,ss

F: Fall term; s: Spring term; ss: Summer term.

Note: scheduled semesters are subject to change.

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Other Requirements for graduation:

- Minimum 120 credits, FIU GPA 2.0 or higher
- Maximum of 60 lower division credits may be transferred from another institution. 30 Maximum number of upper-division credits applied toward the bachelor's degree.
- UCC requirements (See PDA and Academic Advisor)
- Civics Literacy Requirement: The Civic Literacy requirement is a statewide mandate that applies to undergraduate students initially entering a Florida State University System (SUS) and/or Florida College System (FCS) institution in the 2018-19 academic year and thereafter.
- University Foreign Language Requirement (FLENT/FLEX): State-mandated foreign language requirement
- Summer Enrollment: Students transferring to FIU with less than 60 credits are required to earn at least 9 credits during one or more summer terms at FIU or any other university in the State University System of Florida. Courses may be completed in person or online.
- College of Arts, Sciences & Education minimum 45 upper division credits requirement

Academic Advising You should meet with your advisor at least once a semester. To make an appointment with your advisor, log into MyFIU and navigate to the "Academic Advising" tile, then select "Success Network."

Success Markers: The Earth & Environment Department has identified important courses in the major that indicate you are on track for successful degree completion. In cases where students are not making good progress, a change of major may be required.

- **30 credits**-Complete IDS 1273 and EVR 1001 and EVR 1001L with a C or better
- **45 credits**-Complete 1 course from this list with a C or better: MAC 1105, MAC 1140, MAC 1114, MAC 1147, MAC 2311, MAC 2281
- **60 credits**-Complete EVR 1017 and ECO 2023 with a C or better