

Department of Earth and Environment
Bachelor of Arts in Sustainability and the Environment
(Students entering Fall 2022 or later)

Lower Division Requirements (14 credits)

All courses must be completed with a grade of C or better.

Complete the following courses

Course	Description	Pre-requisites	Term offered	Units
IDS1273	First Year Seminar in Sustainability	N/A	f,s	1
ECO2023	Principles of Microeconomics	N/A	f, s,ss	3
EVR1001 and Lab	Introduction to Environmental Science & Lab	N/A	f, s,ss	3,1
MAC1105	College Algebra	N/A	f,s,ss	3

Choose one of the following*

Course	Description	Pre-requisites	Term offered	Units
STA2023	Statistical Methods	N/A	f, s, ss	3
STA3111	Statistics I	N/A	f,s, ss	3

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

Upper Division Core Courses (13 credits)

Complete the following courses

Course	Description	Pre-requisites	Term offered	Units
EVR3326	Sustainability: Principles and Practice	N/A	f	4
EVR3740	Critical thinking for Sustainability	N/A	s	3

Choose one of the following

Course	Description	Pre-requisites	Term offered	Units
EVR 4352	U.S. Environmental Policy	N/A	f, s,ss	3
POS 4035	Environmental Politics	N/A	s	3
EVR 4356	Coastal & Marine Environmental Policy	N/A	s	3
EVR 4112	Climate Change Policy	EVR4352 or permission from instructor	s	3

Choose one of the following

Course	Description	Pre-requisites	Term offered	Units
EVR 3723	Natural Resource Valuations and Economics	N/A	f,s,	3
AEB 4131	Farm Economics and Management	N/A	s	3

Upper Division Area Studies (21 – 22 credits)

Choose one course from each of the 3 areas: Sustainable Communities, Ecosystems and Resource systems

A: Sustainable Communities

Choose one of the following required courses. A course cannot be used to satisfy more than one requirement.

Course	Description	Pre-requisites	Term offered	Units
EVR 4411	Human Organization & Ecosystems Management	An intro EVR course such as EVR1001, EVR1017, EVR3013	f	3
EVR 4415	Population & Environment Issues	N/A	s	3
EVR 4112	Climate Change Policy	EVR 4352 or permission of the instructor.	s	3
EVR 4434	Sustainable Cities	N/A	s	3

B: Sustainable Ecosystems

Choose one of the following required courses. A course cannot be used to satisfy more than one requirement.

Course	Description	Pre-requisites	Term offered	Units
EVR 3011	Environ Resources & Pollution	MAC1105 and an introductory science course	f, s, ss	3
EVR 3013 & L	Ecology of South Florida & Lab	N/A	f, s, ss	3,1
EVR 4594	Anal So FL Ecosystems	BSC1011, BSC1011L or permission of instructor.	s	3
OCE 3014	Oceanography - GL	N/A	f,s	3

C: Sustainable Resource Systems

Choose one of the following required courses. A course cannot be used to satisfy more than one requirement.

Course	Description	Pre-requisites	Term offered	Units
EVR 3010	Energy Flow in Natural and Man-made Systems	MAC1105	f, s	3
EVR 4272	Agroecology – GL	N/A	f	3
EVR 4274	Sustainable Agriculture – GL	N/A	s	3
GEO 3510	Earth Resources – GL	N/A	f,s	3
AEB 4131	Farm Economics and Management	ECO 2023 or equivalent	s	3

**Choose 12 credits from electives courses in one of the 3 areas below. Credits are encouraged to be taken in the same area to form a concentration. Alternatively, courses from different areas may be combined. A course cannot be used to satisfy more than one requirement.*

Area A: Sustainable Communities

Course	Description	Pre-requisites	Term offered	Units
GIS 3043C	Introduction to Geographical Information Systems	N/A	f,s	4
GLY 3034	Natural Disasters	Physical science at high school level	f,s	3
GLY 4881	Coastal Hazards – GL	N/A	f	3
GLY 4734	Changing Coastlines – GL	N/A	f	3
MET 3103	Planetary Climate Change	N/A	s	3
EVR 4434	Sustainable Cities	N/A	f	3
EVR 4411	Human Organization & Ecosystems Management	An intro EVR course such as EVR1001, EVR1017, EVR3013	f	3
EVR 4415	Population & Environment Issues	N/A	s	3
EVR 4112	Climate Change Policy	EVR 4352 or permission of the instructor.	s	3
EVR 4356	Coastal & Marine Environmental Policy	N/A	s	3
EVR 4440	Beaches and Tourism	N/A	f	3
REL 3492	Earth Ethics – GL	N/A	f,s	3
EVR 3003	Latin America Environmental Issues	N/A	Currently not offered.	3

Area B: Sustainable Ecosystems

Course	Description	Pre-requisites	Term offered	Units
EVR 3011	Environ Resources & Pollution	MAC1105 and an introductory science course	f,s, ss	3
EVR 3013 & L	Ecology of South Florida & Lab	N/A	f, s, ss	3.1
EVR 4594	Anal So FL Ecosystems	BSC1011, BSC1011L or permission of instructor.	s	3
GLY 3039 & L	Environmental Geology & Lab	N/A	f, s	3,1
OCE 3014	Oceanography - GL	N/A	f, s	3
MET 3103	Planetary Climate Change	Upper Division standing	s	3
GIS 3043C	Introduction to Geographical Information Systems	N/A	f, s	4
GLY 4881	Coastal Hazards – GL	N/A	f	3
EVR 4323 & L	Restoration Ecology & Lab	EVR3013 or EVR4594 or PCB3043 or permission of the instructor	s	3, 1
EVR 4910	Applied Ecology Field Excursion	BSC 2011, or BSC 2011L, or Permission of Instructor	s	3
EVR 4026	Ecology of Biotic Resources	BSC 2010 and BSC 2011	f	3

Area C: Sustainable Resource Systems

Course	Description	Pre-requisites	Term offered	Units
EVR 3010	Energy Flow in Natural and Man-made Systems	MAC1105	f,s	3
EVR 4310	Energy Resources	EVR 3010 or PHY 2023 or equivalent	Currently not offered.	3
GEO 3510	Earth Resources – GL	N/A	f,s	3
EVR 4272	Agroecology – GL	N/A	f	3
EVR 4274	Sustainable Agriculture – GL	N/A	s	3
HOS 3012 & L	Horticulture & Lab	N/A	f	3, 1
GEO 4354	Geography of the Global Food System – GL	N/A	f,s	3
AEB 4131	Farm Economics and Management	ECO2023 or equivalent	s	3
EVR 3163	Sustainable Forests	N/A	See advisor	3
GIS 3043C	Introduction to Geographical Information Systems	N/A	f,s	4

Capstone Sequence (6 credits)

Course	Description	Pre-requisites	Term offered	Units
EVR 4321	Sustainable Resource Development	N/A	f	3
IDS 4232	Sustainability in Action	Must be taken final term; EVR 3326	f, s	3

f: Fall term; s: Spring term; ss: Summer term; -e or -o: Taught in alternate even or odd years.

Note: scheduled semesters are subject to change.

Courses not selected as a required core course can be used to satisfy the 12 credits of electives in the appropriate area. Additional courses may be accepted as electives with approval from the undergraduate Program Director. Discuss this option further with your Assigned Advisor

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

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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