

Department of Earth and Environment

Bachelor of Science in Environmental Studies

Natural Resource Sciences Major

(Students Entering Fall 2021 or later-)

Lower Division Requirements (30 credits minimum)

ISC 1056: First Yr Sem in Earth and Env. (1) f, s _____
 ECO 2023 Microeconomics (3) _____
 BSC 2010&L General Biology I and Lab (4) _____
 BSC 2011&L General Biology II and Lab (4) _____
 CHM 1045&L General Chem I and Lab (4) _____
 Prerequisites: MAC1105 or MAC1114 or MAC1140 or MAC1147 or CHM1025 or an appropriate Math placement
 CHM 1046&L General Chem II and Lab (4) _____
 Prerequisite: CHM1045+L _____

Choose one of the following

ESC 1000&L Intro to Earth Science & Lab (4) _____
 GLY 1010&L Physical Geology & Lab (4) _____
 GLY 3039&L Environmental Geol & Lab (4) _____

Choose one of the following

EVR 3010 Energy Flow (3) f, s _____
 Prerequisite: MAC1105
 PHY 2023 Survey of General Physics (3) _____
 PHY 2048 Physics with Calc I (4) _____
 Pre/co-requisites: MAC2311
 PHY 2053 Physics without Calc I (4) _____
 Pre/co-requisites: MAC1114

MAC 1114 Trigonometry (3) _____
 Prerequisite: MAC1105 or an appropriate Math placement
 or
 MAC 1147 Precalculus Alg/Trig (4) _____
 Prerequisite: MAC1105 or an appropriate Math placement

Additional Upper or Lower Division Requirements (6-7 credits)

One of the following three courses
 STA 2023 Statistical Methods (3) _____
 STA 3111 Statistics I (3) _____
 * Consult with academic advisor to discuss the possibility of substituting this course with other approved Statistics courses.

One of the following three courses
 STA 3112 Statistics II (3) _____
 Prerequisite: STA3111
 STA 3123 Statistics for Behav & Soc. Sci. II (3) _____
 Prerequisites: STA2122 or STA2023 or equivalent
 MAC 2311 Calculus I (4) _____
 Prerequisites: MAC1147 or MAC1140 and MAC1114 or appropriate Math placement

Upper Division Program (33 credits)

EVR 3011 Environ Resource & Pollution (3) f,s _____
 Prerequisites: MAC1105 and an introductory science course
 EVR 4211&L Water Resources and Lab (4) f _____
 Prerequisites: BSC2010 and CHM1045+CHM1046

****EVR 3723 Natural Resource Val & Economics (3)s, ss _____**
 Prerequisites: ECO2023

or
 ECP 3302 Intro to Environmental Economics (3)f, ss _____

Prerequisites: ECO2023
 or
 AEB 4131 Farm Economics and Man. (3) s _____

Prerequisites: ECO2023
****EVR3723 is strongly recommended for the Natural Resource Sciences Major.**

EVR 4594 Analysis of So. FL Ecosystems (3) s _____
 Prerequisites: BSC2011, BSC2011L

EVR 4352 U.S. Environ Policy (3) s, ss _____
 or
 POS 4035 Environmental Politics (3) f, s _____

EVR 4323&L Restoration Ecology and Lab (4) s _____
 Prerequisites: EVR3013 or EVR4594 or PCB3043

Two of the Following Courses (6 credits):

EVR 4026 Ecology of Biotic Resources (3) f _____
 Prerequisites: BSC2010, BSC2011
 EVR 4401 Conservation Biology (3) f _____
 Prerequisites: BSC2010, BSC2011
 EVR 4592&L Soils and Ecosystems & Lab (4) s _____
 Prerequisites: BSC2010 and CHM1045
 EVR 4910 Applied Ecology Field Excursion (3) _____
 s-odd years; Prerequisites: BSC2011&L
 GEO 3510 Earth Resources (3) f,s **GL** _____
 GIS 3043C Intro to GIS (4) f,s _____

And 6 credits of elective courses

Students may choose any two environmentally related courses offered by the Department of Earth and Environment. Other courses from outside the Department may be used if approved by the Program Director

1. _____

2. _____

Capstone Course

ISC4935 Senior Seminar in E&E Science (1) f, s _____
 Prerequisite: Must be in final year of study. Permission of the instructor required

f: Fall term; s: Spring term; ss: Summer term. Note: scheduled semesters are subject to change.

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 for more information on how to complete requirements)
- **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. Please see your academic advisor to learn about your options to complete this requirement.
- **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 ISC 1056 with a C or better
- Complete 1 course from this list with a C or better by 30 credits: MAC 1105, MAC 1140, MAC 1114, MAC 1147, MAC 2311, MAC 2281
- Complete 2 courses from this list with a C or better: BSC 2010, BSC 2010L, BSC 2011, BSC 2011

45 credits-

- Complete 1 course from this list with a C or better: MAC 1114, MAC 1140, MAC 1147, MAC 2311, MAC 2281
- Complete CHM 1045 and CHM 1045L with a C or better

60 credits-

- Complete CHM 1046 and CHM 1046L with a C or better
- Complete ECO 2023 with a C or better