

Department of Earth and Environment
Bachelor of Science in Environmental Studies
Natural Resource Sciences Major
(Students Entering Fall 2020 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 Statistics for Business & Econ (3) _____
 STA 2122 Statistics for Behav & Soc. Sci. I (3) _____
 STA 3111 Statistics I (3) _____

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 _____
 Prerequisites: BSC2011&L
 GEO 3510 Earth Resources (3) f,s,ss **GL** _____
 GIS 3043 Intro to GIS (3) f,s,ss _____

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 Earth and Environmental Science 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
UCC requirements

See PDA for more information _____

University Global Learning Requirement

2 courses. See goglobal.fiu.edu for more information.
GL in list above denotes approved Global Learning Courses.

Foundations course _____
Discipline Specific course _____

University Foreign Language Requirement (FLENT/FLEX) _____

Arts & Sciences minimum 45 upper division credits requirement _____

Arts & Sciences Elective Requirement (9 credits)

In the last 60 hours of enrollment, 9 credits outside of major of which 6 must be outside the major department.