

ENVIRONMENTAL GEOLOGY (B.S.)

Program Progression and Additional Graduation Requirements

- Attend an orientation session.
- Sign an Advising Agreement document.

In addition to the program requirements, students must:

- Complete a minimum of 120 credits.
- Complete a minimum of 48 of the 120 credits at the upper division (3000 - 4999 level).
- Earn a cumulative GPA of 2.0 for all coursework attempted at FGCU.
- Satisfy the College-Level Skills and foreign language entrance requirements.
- Satisfy the Service-Learning requirement.
- Satisfy the Civic Literacy requirement.
- Satisfy the residency requirement: 30 of the last 60 credits must be completed at FGCU.
- Complete the summer course enrollment requirement.
- Submit an Application for Graduation by the deadline listed in the FGCU Academic Calendar.

Program Requirements

Code	Title	Credits
FGCU General Education Program (https://www.fgcu.edu/academics/undergraduatestudies/generaleducation/)		
To prevent or minimize excess hours, select general education courses that satisfy common prerequisite requirements for your intended major.		
Common Prerequisites		
For this major, common prerequisite courses with an asterisk (*) require prior knowledge and skills demonstrated through degree acceleration programs (e.g., the College Board's Advanced Placement Program [AP], International Baccalaureate Program [IB], College-Level Examination Program [CLEP], Advanced International Certificate of Education Program [AICE]); dual enrollment; placement exam; or college coursework.		
A minimum grade of C is required in each course		
CHM 1045 & 1045L	General Chemistry I and General Chemistry I Laboratory (Acceptable Substitute: CHMX045C or (CHMX045 and CHMX045L)) ^{*,1}	4
CHM 1046 & 1046L	General Chemistry II and General Chemistry II Lab (Acceptable Substitute: CHMX046C or (CHMX046 and CHMX046L))	4
GLY 1010C	Physical Geology (Acceptable Course: GLYX010C or (GLYX010 and GLYX010L))	4
GLY 2100C	Historical Geology (Acceptable Course: GLYX100C)	3
MAC 2311	Calculus I (Acceptable Substitute: MACX311) ^{*,2}	4

PHY 2053 & 2053L	College Physics I and College Physics I Laboratory (Acceptable Substitute: PHYX053C or PHYX048C or (PHYX048 and PHYX048L)) ^{*,3}	4
PHY 2054 & 2054L	College Physics II and College Physics II Laboratory (Acceptable Substitute: PHYX054C or PHYX049C or (PHYX049 and PHYX049L))	4
STA 2023	Statistical Methods (Acceptable Substitute: STAX023)	3

Required Courses in the Major (28 credits)

A minimum grade of C is required in each course

GLY 2030C	Environmental Geology	3
GLY 3091	Overview of Env Geology	1
GLY 3202C	Mineralogy & Petrology	3
GLY 3603C	Paleontology	3
GLY 3820C	Introduction to Hydrology	3
GLY 4071C	Paleoclimatology	3
GLY 4400C	Structural Geology	3
GLY 4822C	Hydrogeology	3
GLY 4892	Senior Capstone: Env Geology (capstone)	3
ISC 3154C	Environmental Research Design	3

Restricted Electives in the Major (15 credits)

A minimum grade of C is required in each course

Select one of the following:

ISC 4910	Sr. Proj Rsch Intrdisc Nat Sci	3
ISC 4940	Internship in Interdis Nat Sci	3

Select one of the following:

GLY 4544C	Sedimentology and Stratigraphy	3
GLY 4700C	Coastal & Watershed Geology	3

Select 9 credits from the following courses:

EVR 4028	Simulation and Modeling	3
EVR 4043C	Environmental GIS	3
GLY 3420C	Tectonics	4
GLY 4074C	Meteorology & Climatology	3
GLY 4244C	Biogeochemistry	3
GLY 4520C	Organic Geochemistry	3
GLY 4730C	Marine Geology	3
GLY 4732C	Coastal Dynamics	3
GLY 4930	Special Topics in Geology	3
GLY 4952	Carbonate Deposition Environments	3

Sustainability Course Graduation Requirement (3 credits)

Select at least 3 credits in sustainability coursework (SCGR Attribute)

Additional Electives

As needed to reach total credits required for the degree

¹ Prerequisites of MAT 1033 Intermediate Algebra minimum grade of C then MAC 1105 College Algebra minimum grade of C; or relevant accelerated credit; or placement exam

² For MAC 2311 Calculus I Prerequisites of MAT 1033 Intermediate Algebra minimum grade of C then MAC 1105 College Algebra minimum

grade of C then MAC 1147 Precalculus minimum grade of C; or relevant accelerated credit; or placement exam

³ Prerequisites of MAT 1033 Intermediate Algebra minimum grade of C then MAC 1105 College Algebra minimum grade of C then MAC 1147 Precalculus minimum grade of C; or relevant accelerated credit; or placement exam

Total Credits Required: 120