

Bachelor of Science in Geo-Environmental Studies
Geography Track
 2020-21 and beyond

Freshman Seminar	1 hr	
General Education (see Gen Ed checklist)	44 hrs	

Geo-Environmental Studies Major Core		36 hrs	
BIO1000	Principles of Biology	3*	_____
BIO3040	Principles of Ecology	4	_____
CHM1100	General Chemistry Lab I	1	_____
CHM1300	General Chemistry I	3*	_____
GGY1010 or 1020	Principles/World Regional Geography	3*	_____
GGY2500	Cartography	3	_____
GGY4100	Land Use Planning	3	_____
GLY1000 or 1150	Physical Geology/Earth Science	3*	_____
GLYL1150	Earth Science Lab	1	_____
GLY2620	Environmental Geology	3	_____
MAT2100	Statistics	3	_____
PLS1000	Intro to Political Science	3*	_____
GLY or GGY 4010	Internship	3-4	_____
* can also be used as Gen Ed			

Geography Track Core		13 hrs	
GGY2000	Cultural Geography	3	_____
GGY2460	Weather and Climate	3	_____
GGY2700	GIScience	4	_____
GGY3550 or 4050	Geog Traditions or Quantitative Methods	3	_____

Upper level Geo - 9 hours 3000 or higher GGY or GLY		9 hrs	
Course Number	Name	Hours	Semester
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Correlate classes - 12 hours 2000 or higher in AIS, ENV, SOC, CRJ, HST, PHI, PLS, REL, WLS, GLY or GGY		12 hrs	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Electives (19-20 Hours)			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Per to the University catalog, students must have a minimum overall GPA of 2.0 AND a minimum GPA of 2.0 in their major to graduate.
 This publication is available in alternative formats upon request. Please contact Accessibility Resource Center, D. F. Lowry Building, Room 107, or call 910.521.6695.

GEOGRAPHY (GGY)

- GGY 1010. Principles of Geography**, 3 credit hours.
- GGY 1020. World Regional Geography**, 3 credit hours.
- GGY 2000. Cultural Geography**, 3 credit hours.
- GGY 2040. World Geography Bowl**, 1 credit hour.
- GGY 2060. Economic Geography** (ECN 2060), 3 credit hours.
- GGY 2460. Weather and Climate** (GLY 2460, PHS 2460), 3 credit hours.
- GGY 2500. Introduction to Cartography**, 3 credit hours.
- GGY 2620. Environmental Geology** (GLY 2620), 3 credit hours.
- GGY 2700. Introduction to Geographic Information Science**, 4 credit hours.
- GGY 3290. Society and the Environment**, 3 credit hours.
- GGY 3312. Political Geography** (PLS 3312), 3 credit hours.
- GGY 3550. Geographic Traditions and Methods**, 3 credit hours.
- GGY 3700. Geography of Africa**, 3 credit hours.
- GGY 3720. North America**, 3 credit hours.
- GGY 3770. Geography of American Indians**, 3 credit hours.
- GGY 3780. Geography of Latin America**, 3 credit hours.
- GGY 3790. Geography of Asia**, 3 credit hours.
- GGY 3800. World Prehistory**, 3 credit hours.
- GGY 4010. Internship in Geography**, 3-4 credit hours. PREREQ: Permission of instructor.
- GGY 4020. Coding for the Geosciences and Geospatial Technologies**, 1 credit hour.
- GGY 4030. Ground Penetrating Radar** (GLY 4020), 1 credit hour.
- GGY 4040. Remote Sensing** (GLY 4040), 3 credit hours.
- GGYL 4040. Remote Sensing Lab**, 1 credit hour.
- GGY 4050. Quantitative Methods**, 3 credit hours.
- GGY 4100. Land Use Planning**, 3 credit hours. PREREQ: GGY 1010 and GGY 2500.
- GGY 4610. GTC Capstone**, 1 credit hour. PREREQ: Permission of Instructor.
- GGY 4700. Writing in the Geosciences**. 3 credit hours. PREREQ: Junior or Senior, C or better in English 1060
- GGYS 2xxx. General Topics in Geography**, 1-4 credit hours.
- GGYS 4xxx. Special Topics in Geography**, 1-4 credit hours.

GEOLOGY (GLY)

- GLY 1000. Physical Geology**, 3 credit hours.
- GLYL 1000. Physical Geology Laboratory**, 1 credit hour. PREREQ: Current enrollment in or completion of GLY 1000.
- GLY 1150. Earth Science** (GGY 1150), 3 credit hours.
- GLYL 1150. Earth Science Laboratory** (GGYL 1150), 1 credit hr. PREREQ: Enrollment in or completion of GLY 1150.
- GLY 1250. Earth History**, 3 credit hours.
- GLYL 1250. Earth History Laboratory**, 1 credit hour. PREREQ: Current enrollment in or completion of GLY 1250.
- GLY 2260. Oceanography**, 3 credit hours. PREREQ: GLY 1000 or GLY 1150.
- GLY 2460. Weather and Climate** (GGY 2460, PHS 2460), 3 credit hours.
- GLY 2620. Environmental Geology** (GGY 2620), 3 credit hours. PREREQ: GLY 1000 or GLY 1150.
- GLY 3100. Minerals and Rocks**, 3 credit hrs. PREREQ: GLY 1000 or GLY 1150 and concurrent enrollment in GLY 3110.
- GLY 3110. Minerals and Rocks Laboratory**, 1 credit hour. Concurrent enrollment in GLY 3100.
- GLY 3250. Paleontology**, 3 credit hours. PREREQ: GLY 1000 or GLY 1150 & BIO 1000.
- GLY 3660. Geomorphology**, 3 credit hours. PREREQ: GLY 1000 or GLY 1150.
- GLY 4010. Geology Internship**, 3 credit hours. PREREQ: Departmental approval.
- GLY 4020. Ground Penetrating Radar** (GGY 4020), 1 credit hour.
- GLY 4040. Remote Sensing** (GGY 4040), 3 credit hours.
- GLY 4150. Geology Field Trip**, 1 - 3 credit hours. PREREQ: GLY 1150.
- GLY 4250. Stratigraphy and Sedimentology**, 3 credit hours. PREREQ: GLY 1250.
- GLY 4700. Writing in the Geosciences**. 3 credit hours. PREREQ: Junior or Senior, C or better in English 1060
- GLYS 2xxx. General Topics in Geology**, 1-4 credit hours.
- GLYS 4xxx. Special Topics in Geology**, 1-4 credit hours.