

**Bachelor of Science in Geo-Environmental Studies**  
**Geography Track**  
 2015-16 and beyond

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

<b>Geo-Environmental Studies Major Core</b>		<b>36 hrs</b>	
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			

<b>Geography Track Core</b>		<b>10 hrs</b>	
GGY2000	Cultural Geography	3	_____
GGY2460	Weather and Climate	3	_____
GGY2700	GIScience	4	_____

<b>Regional requirement - Choose 2</b>		<b>6 hrs</b>	
GGY3700	Geography of Africa	3	_____
GGY3720	North America	3	_____
GGY3770	Geography of American Indians	3	_____
GGY3780	Geography of Latin America	3	_____
GGY3790	Geography of Asia	3	_____
GGY3800	World Prehistory	3	_____

<b>Upper level Geo - 6 hours 3000 or higher GGY or GLY</b>		<b>6 hrs</b>	
Course Number	Name	Hours	Semester
_____	_____	_____	_____
_____	_____	_____	_____

<b>Correlate classes - 12 hours 2000 or higher in AIS, ENV, SOC, CRJ, HST, PLS, WLS, GLY or GGY</b>		<b>12 hrs</b>	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

<b>Electives (19-20 Hours)</b>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

## **GEOGRAPHY (GGY)**

- GGY 1010. Principles of Geography**, 3 semester hours.
- GGY 1020. World Regional Geography**, 3 semester hours.
- GGY 1150. Earth Science** (GLY 1150), 3 semester hours.
- GGYL 1150. Earth Science Laboratory** (GLYL 1150), 1 semester hour.
- GGY 2000. Cultural Geography**, 3 semester hours.
- GGY 2040. World Geography Bowl**, 1 semester hour.
- GGY 2060. Economic Geography** (ECN 2060), 3 semester hours.
- GGY 2460. Weather and Climate** (GLY 2460, PHS 2460), 3 semester hours.
- GGY 2500. Introduction to Cartography**, 3 semester hours.
- GGY 2620. Environmental Geology** (GLY 2620), 3 semester hours.
- GGY 2700. Introduction to Geographic Information Science**, 4 semester hours.
- GGY 3290. Society and the Environment**, 3 semester hours.
- GGY 3312. Political Geography** (PLS 3312), 3 semester hours.
- GGY 3700. Geography of Africa**, 3 semester hours.
- GGY 3720. North America**, 3 semester hours.
- GGY 3770. Geography of American Indians**, 3 semester hours.
- GGY 3780. Geography of Latin America**, 3 semester hours.
- GGY 3790. Geography of Asia**, 3 semester hours.
- GGY 3800. World Prehistory**, 3 semester hours.
- GGY 4010. Internship in Geography**, 3-4 semester hours. PREREQ: Permission of instructor.
- GGY 4020. Ground Penetrating Radar** (GLY 4020), 1 semester hour.
- GGY 4040. Remote Sensing** (GLY 4040), 3 semester hours.
- GGY 4100. Land Use Planning**, 3 semester hours. PREREQ: GGY 1010 and GGY 2500.
- GGY 4700. Writing in the Geosciences**. 3 semester hours. PREREQ: Junior or Senior, C or better in English 1060
- GGYS 2xxx. General Topics in Geography**, 1-4 semester hours.
- GGYS 4xxx. Special Topics in Geography**, 1-4 semester hours.

## **GEOLOGY (GLY)**

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