

**B. A. Geography (GGY)***College: Arts & Sciences***DEGREE REQUIREMENTS**

Course requirements for all UNCW degrees include: (1) Basic Studies, (2) specific major requirements, and (3) sufficient elective hours for a combined total of a minimum of 124 hours.

**(1) BASIC STUDIES** (45 semester hours)

See Basic Studies sheet and/or information on the WEB at <http://www.uncw.edu/uc/basicstudies.htm>

**(2) MAJOR REQUIREMENTS - GGY** (Minimum 47 hours)

Check when complete:

**Core:** 18 hours

___ *+GGY 130	Introduction to Physical Geography (4)
___ +GGY 140	Introduction to Human Geography (3)
___ +GGY 180	World Geography I (3)
___ +GGY 181	World Geography II (3)
___ *GGY 320	Introduction to Cartography (4) Prerequisite: GGY 130 or 140 (With GGY 205 meets <b>Computer Competency Requirement</b> )
___ GGY 495	Senior Seminar (1-3) Prerequisite: Senior standing in GGY (Meets <b>Oral Communication Competency Requirement</b> )

**Additional:** Minimum of 17 hours within a chosen option, 9 hours outside the option, at least one laboratory class (\*), and at least one regional class (\*\*). At least 14 hours must be above the 299 level.

**Option 1. Applied Geography.**

___ GGY 222	Quantitative Methods in Earth Sciences (3)
___ GGY 270	Principles of Land Use Planning (3) Prerequisite: GGY 130 and 140 or consent of instructor
___ GGY 328	Introduction to Geographic Information Systems (3)
___ GGY _____	Choose a minimum of 8 hours from GGY *422, *424, *426, 473, 478
___ GGY _____	<i>(This option is designed for students who are interested in careers as planners, remote sensing and GIS specialists, and historic preservationists.)</i>

**Option 2. Human Geography.**

___ GGY 210	Economic Geography (3)
___ GGY 382	Regional Geography of the United States (3) Prerequisite: GGY 140 or consent of instructor
___ GGY _____	Choose a minimum of 11 hours from GGY 245, **255, **282, 312, 317, 340, 350, **383, **384, **385, **386, **388, 452 and **485 <i>(This option is designed for students who are interested in careers as regional specialists, international business officials, and social scientists.)</i>

**Option 3. Physical Geography.**

___ GGY 222	Quantitative Methods In Earth Sciences (3)
___ +GGY 230	Introduction to Weather and Climate (3)
___ GGY *335(GLY 335)	Introduction to Geomorphology (4) Prerequisite: GGY 130 or GLY 101 or GLY 120 w/ lab
___ GGY _____	Choose a minimum of 7 hours from GGY *333, 336, 433, 435 and 437
___ GGY _____	<i>(This option is designed for students who are interested in careers as climatologists/meteorologists, geomorphologists, and hydrologists.)</i>

A "C" (2.00) or better average is required on all courses taken within the department and a "C" (2.00) on all required courses above the 199 level in the department.

\*These courses require a lab

+May also be used to satisfy Basic Studies requirements

**(3) ELECTIVES**

\_\_\_ Elective hours to equal a minimum of 124 hours

**Requirements for a Certificate in Geographic Information Science:** 20 hours. Students in any major can achieve certification in Geographic Information Science (GISci). GISci certification can provide valuable career potential for those seeking careers as Geographic Information Systems, cartography, and image processing specialists. Required courses include: GGY 205, 222, 320, and 422, and 4 additional hours selected from 424 or 426. An overall average of "C" (2.00) or better is required among courses taken for the certification.

**Requirements to declare GGY:** Completion of 24 hours

For further information see the GGY WEB sites: <http://www.uncw.edu/ears/ci/>

## GEOGRAPHY COURSES

- GGY 130. Introduction to Physical Geography (4)**  
**GGY 140. Introduction to Human Geography (3)**  
**GGY 180. World Geography I (3)**  
**GGY 181. World Geography II (3)**  
**GGY 205. Practical Methods in Geography (3)**  
**GGY 210. Economic Geography (3)**  
**GGY 222. Quantitative Methods In Earth Sciences (3)**  
**GGY 224. Introduction to Geographic Information Systems (3)**  
**GGY 230. Introduction to Weather and Climate (3)**  
**GGY 235. (GLY 226) Environmental Hydrology (3)** Prerequisite: GGY 130 or GLY 101 or GLY 120 (EVS 120)  
**GGY 245. Tourism Geography (3)**  
**GGY 255. Geography of the Middle East (3)**  
**GGY 270. Principles of Land Use Planning (3)** Prerequisite: GGY 130 and 140 or consent of instructor  
**GGY 280. Special Topics in Geography (1-3)** Prerequisite: GGY 130 or 140 or 180 or 181  
**GGY 282. Geography of North Carolina (3)** Prerequisite: GGY 140 or consent of instructor  
**GGY 312. Geography of Transportation (3)** Prerequisite: GGY 140 or consent of instructor  
**GGY 317. Urban Geography (3)** Prerequisite: GGY 140 or consent of instructor  
**GGY 320. Introduction to Cartography (4)** Prerequisite: GGY 130 or 140  
**GGY 328. Introduction to Geographic Information Systems (3)** Prerequisite: GGY 320 or consent of instructor  
**GGY 333. Applied Climatology (4)** Prerequisite: GGY 130 or 230 or consent of instructor  
**GGY 335. (GLY 335) Geomorphology (4)** Prerequisite: GGY 130 or GLY 101 or GLY 120 (EVS 120) w/ GLYL 120 (EVSL 120)  
**GGY 336. Rivers and Floods (3)** Prerequisite: GGY 130 or GLY 101 or GLY 120 w/ lab  
**GGY 337. Soils in the Environment (3)** Prerequisite: GGY 130 or GLY 101 or GLY 120 (EVS 120) and GLYL 120 (EVSL 120)  
**GGY 340. Resources, Population, and Environment (3)** Prerequisite: GGY 130 or consent of instructor  
**GGY 350. Political Geography (3)** Prerequisite: GGY 140 or consent of instructor  
**GGY 382. Regional Geography of the United States (3)** Prerequisite: GGY 140 or consent of instructor  
**GGY 383. Geography of the Caribbean (2)** Prerequisite: GGY 180 or GGY 181 or consent of instructor  
**GGY 384. Caribbean Field Experience (2)** Prerequisite: GGY 383 or consent of instructor  
**GGY 385. Regional Geography of Europe (3)** Prerequisite: GGY 140 or consent of instructor  
**GGY 388. Russia (3)** Prerequisite: GGY 180 or 181, or consent of instructor  
**GGY 422. (GGY 522) Remote Sensing in Environmental Analysis (3)** Prerequisite: GGY 130 or 205 or GLY 101 or consent of instructor  
**GGY 424. (GGY 524) Advanced Geographic Information Systems (4)** Prerequisite: GGY 224  
**GGY 426. Environmental Geographic Information Systems (4)** Prerequisite: GGY 224 or consent of instructor  
**GGY 433. Weather Analysis and Forecasting (3)** Prerequisites: GGY 230, GGY 333  
**GGY 435. Environmental Geography (3)** Prerequisite: GGY 130 or GLY 101 or GLY 120 w/ lab  
**GGY 452. Historical Geography of the United States (3)** Prerequisite: HST 201, or GGY 140 or consent of instructor  
**GGY 473. Regional and Environmental Land Use Planning (3)** Prerequisite: GGY 270  
**GGY 478. (GGY 578) Historical Preservation Planning (3)** Prerequisite: GGY 270, 452, or consent of instructor  
**GGY 480. Advanced Topics in Geography (1-3)** Prerequisite: Junior standing and consent of instructor  
**GGY 485. Geography of the British Isles (3)** Prerequisite: GGY 180 or consent of instructor  
**GGY 491. Directed Individual Study (1-3)** Prerequisite: Overall GPA or at least 2.00, junior or senior standing, and consent of instructor, department chair and dean  
**GGY 495. Senior Seminar (1-3)** Prerequisite: Senior standing in GGY  
**GGY 498. Internship in Applied Geography (3)** Prerequisite: GGY 224 or 270 or GGY 320, junior or senior standing, a 2.50 GPA, and consent of instructor  
**GGY 499. Honors Work in Geography (2-3)** Prerequisite: Eligibility for honors program and recommendation of department chairperson