

Geography: Environmental Geography Concentration

Table 1: Student information

Name:	Semester Admitted to WCU: Major Declared Date:	FOR STUDENTS ADMITTED STARTING AY 2025-2026			
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Requirement	Credits	Course	Semester	Grade	Rep/W*
Academic Foundations					
First-Year Experience (FYE 100)	4				
WRT 120 or WRT 123	3				
WRT 200, or 204, or 205, or 206, or 208, or 220	3				
MAT > 103	3				
Diverse Communities (DIV) ¹	3				
Interdisciplinary (INT) ¹	3				
Science Distributives (2 different prefixes) ²	3				
	3				
Behavioral & Social Science (2 different prefixes) ³	3				
	3				
Humanities (2 different prefixes)	3				
	3				
The Arts	3				
Writing Emphasis ⁴	3				
	3				
	GEO 400 - fulfilled in major				
Speaking Emphasis ⁵	3				
	GEO 332 - fulfilled in major				
	GEO 400 - fulfilled in major				
Ethics ⁶	3				
Geography Core (24 credits)					
GEO 102 Physical Geography	3				
GEO 103 Human Geography	3				
GEO 225 Maps & Remote Sensing	3				
GEO 230 Environmental Conservation and Sustainability	3				
GEO 324 Introduction to GIS	3				
GEO 326 Geographic Analysis	3				
GEO 385 Field Methods	3				
GEO 400 Senior Seminar in Geography	3				
Environmental Concentration Requirements (12					

credits)						
GEO 332 Environmental Crises	3					
GEO 338 Environmental Application of GIS	3					
GEO 341 Landscape Ecology	3					
PLN 336 Environmental Planning	3					
Environmental Elective Courses (24 credits)						
Elective 1	3					
Elective 2	3					
Elective 3	3					
Elective 4	3					
Elective 5	3					
Elective 6	3					
Elective 7	3					
Elective 8	3					
Capstone (3 credits)						
GEO 404 Senior Project	3					
Other Electives to reach 120 credits (required for all baccalaureate degrees)⁷	8					

Table 2: Course requirements

- 1 GEO 204 Recommended
- 2 BIO110, ESS125 or SCI100 Recommended
- 3 PLN 214 Recommended
- 4 GEO 310 Recommended (also PLN 301, ENG 368/ENG 371)
- 5 GEO 332 or GEO 333 Recommended
- 6 GEO 213 Recommended

7 Note: The number of available, general electives will depend on the use of "Recommended" General Education GEO/PLN courses. Strategic use of GenEd courses allows for the addition of Minors and/or Sub-Baccalaureate Certificates.

Environmental Elective Course Options (Electives should be selected from the list below; others may be approved by your advisor):

- GEO 200 Global Cities
- GEO 204 Introduction to Urban Studies
- GEO 213 GIS for Social Justice
- GEO 235 Geography of Agriculture, Food, and Sustainability
- GEO 307 Fundamentals of UAS and Image Analysis
- GEO 310 Population Geography
- GEO 312 Urban Geography
- GEO 316 GIS for Climate Monitoring, Hazards, and Emergency Management
- GEO 318 Economic Geography
- GEO 325 Introduction to Business GIS
- GEO 328 Computer Cartography
- GEO 332 Environmental Crises
- GEO 333 Sustainable Cities
- GEO 334 Sustainable Living

GEO 338 Environmental Application of GIS

GEO 341 Landscape Ecology

GEO 352 Environmental Geopolitics

GEO 401 Internet Mapping

GEO 403 GeoDesign for Smart Cities

GEO 415 Internship in Geography

GEO 424 GIS Applications

GEO 425 Business GIS Applications

GEO 427 Geodatabases

PLN 214 Introduction to Planning

PLN 316 Planning for Resilient Communities and Natural Disasters

PLN 320 Land Use Planning

PLN 322 Land Development Controls

PLN 331 Transportation Planning

PLN 336 Environmental Planning

PLN 337: Land Conservation

PLN 354 Geography & Planning of Housing