

ENVIRONMENTAL GEOSCIENCES, MINOR

The minor in Environmental Geosciences emphasizes:

- Scientific understanding of the natural laws that govern the functioning of the Earth as a system;
- Human connections to the physical and natural world;
- Environmental ethics, values and behavior and how they are expressed in individuals, communities, societies, and institutional structures
- Technological and economic applications of environmental geosciences; and
- Practical applications of environmental geosciences to the real world, and to the student's major and career plans

Program Requirements

The minor in Environmental Geosciences requires a minimum of 18 credit hours.

Code	Title	Hours
Required Courses		
<i>Core Courses</i>		
GEO 353	Geographic Information Systems	3
Choose from a minimum of three hours from five of the six following 5-16 content areas:		
Human Connections to the Physical and Natural World:		
Choose from one of the following:		
GEO 110	Environmental Geography (Element 4) ^G	
GLY 303	Environmental Geoscience	
BIO 500	Environmental Issues	
ANT 370	Primate Conservation	
EHS 425	One Health: Planning to Practical Application	
SOC 383	Environment and Society	
Environmental Behaviors, Values, and Ethics:		
Choose from one of the following:		
GEO 302W		
ENG 208W	(Element 3B) ^G	
REC 290	Adventure Programming	
AGR 345	Sustainable Agroecosystems	
PHI 385	Environmental Ethics	
Natural Systems Function:		
Choose a minimum of three hours of the following:		
GEO 315	Meteorology	
GLY 315	Hydrology	
GLY 415	Sedimentary Geology	
WLD 317	Conservation of Wildlife Resources	
BIO 590	Ecology for Teachers	
BIO 112	Ecology and Evolution (Element 4) ^G	
Technological and Economic Applications:		
Choose from one of the following:		
AGR 319	Renewable and Sustainable Energy Systems	
ECO 340	Environmental Economics	

	or APP 340	Environmental Economics
AGR 340		Conservation of Agricultural Resources
GEO 325		Environment Land Use Planning
	or GEO 325S	Environmental Land Use Planning
GEO 430		
	or APP 430	Sustainability in Appalachia
GLY 535		Hydrogeology
Applied Studies:		
Choose from one of the following:		
GEO 349		
GEO 349	(A-N)	
GEO 435		
GLY 408		Process Geomorphology
EMS 561		Environmental Education Essentials
EMS 564S		Service Learning as Pedagogy
Geospatial Techniques:		
Choose from one of the following:		
GEO 453		Advanced GIS
GEO 455		GIS Cartography
GEO 456		Remote Sensing
Total Hours		18-19

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Course satisfies a General Education element.