

QUANTITATIVE METHODS IN ENVIRONMENTAL SCIENCE MINOR

This 18 credit minor provides the quantitative and technical skills that are valued by both employers and graduate programs in environmental science. This minor includes a number of options geared towards a wide range of fields; students are able to tailor this minor to reflect their interests and equip them to pursue their professional aspirations in diverse environmental careers.

Regulations Governing Minor Course Work

1. There shall be a minimum of 18.0 credit hours with a minimum Millersville QPA of 2.0.
2. Only one course which counts toward your major may be counted toward your minor.
3. Courses that count toward a minor are also eligible to be used to satisfy the current University-wide General Education requirements subject to normal distribution requirements.
4. At least two courses should be at the upper-division level (300-400). Exceptions may be requested upon evidence of program depth.
5. No course needed for the minor may be taken Pass-Fail.
6. One-half or more of the work required for the minor must be completed at Millersville University.
7. No student may minor in his or her major.

Minor in Quantitative Methods Env Sci

Code	Title	Hours
ENVI 495	Environmental Clinic	3
Statistics Course - Choose 1 of the following:		3
BIOL 375	Biometry	
ENVI 330	Environmental Statistics & Risk Assessment	
GIS Course - Choose 1 of the following:		3
ESCI 281	GIS Applications for Earth Sci	
GEOG 295	GIS I: Vector Data Analysis	
GEOG 395	GIS for Web Development	
Elective Courses - Choose 3 of the following:		9-12
BIOL 241		
CHEM 265	Quantitative Analysis	
CHEM 375	Environmental Chemistry	
CHEM 476	Environmental Chemistry 2	
ESCI 267	Field Methods in Oceanography	
ESCI 322	Environmental Hydrology	
ESCI 349	Chemistry of the Atmosphere	
ESCI 426	Groundwater Resources and Contamination	
ESCI 447	Meteorological Instrumentation	
OSEH 321	Environmental & Industrial Hygiene I - Chemical and Biological Hazards	
Total Hours		18-21