

RESPONSIBLE MINING, CERTIFICATE

(Code 160-602)

Advisor: K. Syverson (Geology).

The Department of Geology administers a **Responsible Mining certificate**. This certificate is intended for STEM majors who wish to add valuable skills to their already marketable liberal arts degree from UW-Eau Claire. Students with this certificate will be well prepared for a career in responsible resource development through proper selection and permitting of economic deposits, managing environmental compliance, conducting environmental remediation, and working for environmental and hydrogeologic consulting firms. Students would also be prepared to join state regulatory agencies such as the DNR and protect the environment through enforcing regulations, restoring brownfields, and managing water resources.

18 credits required	18
Environmental Policy and Geology core (7 crs):	
ENV/GEOG 377 U.S. Environmental and Sustainability Policy	3
GEOL 365 Economic Mineral Deposits	3
GEOL 491 Advanced Special Topics (Seminar: Current Topics in Responsible Mining)	1
Quantitative Core (choose one):	
MATH 246 Elementary Statistics	4
MATH 345 Introduction to Probability and Mathematical Statistics	
Environmental Courses (choose one):	
BIOL 338 Vegetation Ecology	4
GEOL 416 Hydrogeology II	
Communication Skills (3 crs):	
CJ 203 Fundamentals of Human Communication	3
An internship in mining, environmental consulting, or a regulatory agency is strongly recommended, but not required.	

Note: Students cannot pursue the Geology major and the Responsible Mining certificate to meet graduation requirements for completing a first and second degree program.