

# ENVIRONMENTAL CHEMISTRY MINOR

PLAN 430	ENVIRONMENTAL PLANNING
PLAN 431	ENVIRONMENTAL IMPACT STATEMENTS

**Total Credits** **34**

## Required Courses

CHEM 171 & 171L & CHEM 172 & CHEM 172L & CHEM 173 & CHEM 173L	GENERAL CHEMISTRY I and GENERAL CHEMISTRY LABORATORY I and GENERAL CHEMISTRY II and GENERAL CHEMISTRY LABORATORY II and GENERAL CHEMISTRY III and GENERAL CHEMISTRY LABORATORY III	15
CHEM 304 & 304L	QUANTITATIVE ANALYSIS and QUANTITATIVE ANALYSIS LAB	6
CHEM 316	ENVIRONMENTAL CHEMISTRY	4

## Electives—choose from the following 9

Note: only one of these courses can be a CHEM course regardless of credit hours.

BIOL 301	MICROBIOLOGY
BIOL/GEOS 312	FUNDAMENTALS OF SOIL SCIENCE
BIOL 440	ECOLOGY
BIOL 441	ECOLOGY LAB
BIOL 442	CONSERVATION BIOLOGY
CHEM 319	MODERN INORGANIC CHEMISTRY
CHEM 351	ORGANIC CHEMISTRY
CHEM 352	ORGANIC CHEMISTRY
CHEM 372	ORGANIC CHEMISTRY LABORATORY I
CHEM 373	ORGANIC CHEM LABORATORY II
CHEM 418	MODERN ANALYTICAL CHEMISTRY
CHEM 419	ADVANCED INORGANIC CHEMISTRY OR SENIOR CAPSTONE
CHEM 420	INSTRUMENTAL ANALYSIS
CHEM 421	PHYSICAL CHEMISTRY
CHEM 422	PHYSICAL CHEMISTRY
CHEM 423	PHYSICAL CHEMISTRY
CHEM 431	PHYSICAL CHEMISTRY LABORATORY
CHEM 432	PHYSICAL CHEMISTRY LABORATORY
CHEM 433	PHYSICAL CHEMISTRY LABORATORY
CHEM 440	ADVANCED PHYSICAL CHEMISTRY
CHEM 465	ADVANCED ORGANIC CHEMISTRY
CHEM 480	BIOCHEMISTRY
ECON 457	ENVIRONMENTAL ECONOMICS AND POLICY
GEOS 314	WEATHER FORECASTING
GEOS 315	WATER RESOURCES
GEOS 317	RESOURCES AND CONSERVATION
GEOS 320	ENVIRONMENTAL GEOLOGY
GEOS 325	WETLAND SCIENCE I
GEOS 329	REMOTE SENSING WITH SATELLITE IMAGERY
GEOS 426	CRITICAL GIS
GEOS 470	GROUNDWATER HYDROLOGY
GEOS 490B	CAPSTONE: ENVIRONMENTAL GEOCHEMISTRY
MATH 380	ELEMENTARY PROBABILITY AND STATISTICS
PLAN 406	PLANNING LAW AND LEGISLATION