

**Environmental Studies Minor Requirements and Course Checklist
For Catalog Years: 2003-2004 through 2006-2007**

Some courses have prerequisites. Please see reverse for a list of possible prerequisite courses.

Course Number and Title	Credits	Sem/Yr	Grade
BIOL 191 General Biology I	4		
BIOL 192 General Biology II	4		
CHEM 101 Essentials of Chemistry I OR CHEM 105 Accelerated Essentials of Chemistry OR CHEM 111 General Chemistry I	4 / 5		
CHEM 102 Essentials of Chemistry II OR CHEM 112 General Chemistry II	4 / 5		
GEOG 100 Introduction to Geography	3		
GEOG 321 Conservation of Natural Resources	3		
GEOL 101 Environmental Geology	4		
POLS 340 Environmental Politics	3		

8-11 credits from one of the following four groups:

Environmental Biology Group

BIOL 323 Ecology	4		
BIOL 422 Conservation Biology	3		

Environmental Geosciences Group

GEOG 331 Climatology	3		
GEOL 201 Introduction to Oceanography	3		
GEOL 313 Surficial Processes	3		
GEOL 412 Hydrogeology	3		
GEOPH 300 Physics of the Earth	3		

Environmental Chemistry Group

CHEM 307 and 308 Organic Chemistry I and Lab	5		
CHEM 211 and 212 Analytical Chemistry I and Lab OR CHEM 431 Intro to Biochemistry	4 / 3		

General Group: Three courses from the following four lists, but no two courses from the same list.

BIOL 323 Ecology OR BIOL 415 Applied and Environmental Microbiology OR ZOOLOGY 305 Entomology OR ZOOLOGY 341 Ornithology OR ZOOLOGY 355 Vertebrate Natural History OR ZOOLOGY 421 Mammalogy	3 / 4		
CHEM 422 Advanced Topics in Chemistry OR ENVHLTH 310 Water Supply and Water Quality Management OR ENVHLTH 380 (480) Air Quality Management OR ENVHLTH 442 Hazardous Waste Management	2 / 3		
GEOG 331 Climatology OR GEOL 201 Introduction to Oceanography OR GEOL 313 Surficial Processes OR GEOL 412 Hydrogeology OR GEOPH 300 Physics of the Earth	3		
POLS 303 Introduction to Public Administration OR POLS 320 American Policy Process OR ECON 333 Natural Resource Economics	3		

Total Credits: 34-41

Prerequisites – Many upper division courses in the Environmental Studies minor have prerequisites. The following list shows what courses serve as prerequisites for one or more courses and should therefore be taken as early as possible in your course of study.

✓	Pre- or Co-requisite	Course(s) Requiring the Pre- or Co-requisite
—	BIOL 191/192	BIOL 323, ENVHLTH 310, ZOOLOGY 305, ZOOLOGY 341, ZOOLOGY 355
—	BIOL 205 OR 303	BIOL 415
—	BIOL 323	BIOL 422, ZOOLOGY 421
—	CHEM 111/112	CHEM 211/212, CHEM 301, CHEM 307/308, ENVHLTH 310, ENVHLTH 380/480
—	CHEM 301/302	BIOL 415, CHEM 431
—	CHEM 322	CHEM 422
—	ECON 202	ECON 333
—	ENGL 102	GEOL 313
—	GEOG 100	GEOG 321, GEOL 201
—	GEOG 213	GEOG 331
—	GEOL 100	GEOL 313, GEOPH 300
—	MATH 025*	CHEM 101/102 CHEM 105
—	MATH 108 *	BIOL 191, MATH 143, MATH 147, MATH 254
—	MATH 143	CHEM 111/112
—	MATH 147	GEOL 212
—	MATH 175	GEOL 412
—	POLS 101	POLS 303, POLS 320, POLS 340

* Each student is required to take a math placement test, which will determine whether or not he or she will need to take this course.