

# Environmental Sciences, Minor

## Requirements

The undergraduate minor in environmental sciences requires a minimum of 15 s.h. in University of Iowa environmental sciences coursework. Students must maintain a grade-point average of at least 2.00 in all courses for the minor and in all UI courses for the minor. Coursework in the minor may not be taken pass/nonpass.

The minor in environmental sciences requires the following coursework.

## Foundation Courses

Course #	Title	Hours
One of these:		
ENVS:1080/ EES:1080	Introduction to Environmental Science	4
ENVS:1085/ EES:1085	Fundamentals of Environmental Science	4
One of these:		
ENVS:2673/ BIOL:2673	Ecology	3
ENVS:3020/ EES:3020/ GEOG:3020	Earth Surface Processes	3

## Electives

Students complete at least 8 s.h. from the following courses, including at least one course from each category.

Course #	Title	Hours
At least one of these:		
ENVS:3110/ EES:3110	Chemical Evolution of the Oceans	3
BIOL:1261	Introduction to Botany	4
BIOL:1411	Foundations of Biology	4
BIOL:1412	Diversity of Form and Function	4
BIOL:2246	Entomology Lab	4
CEE:4150/CBE:4420	Environmental Chemistry	3
CHEM:3120	Spectroscopy and Separations	3
CHEM:4760	Radiochemistry: Energy, Medicine, and the Environment	3
EES:1050	Introduction to Geology	4
EES:3070	Marine Ecosystems and Conservation	3
EES:3220	Evolution of the Vertebrates	4
EES:3300	Sedimentary Geology	4
EES:3360/ GEOG:3360	Soil Genesis and Geomorphology	3
EES:4490	Elements of Geochemistry	3
EES:4630	Hydrogeology	4
EES:4640	Contaminant Hydrogeology	3

EES:4790	Applied Environmental Geology	3
GEOG:2374/ BIOL:2374	Biogeography	3
GEOG:2950	Environmental Conservation	4
GEOG:3315	Ecosystem Ecology	3
GEOG:3350	Urban Ecology	3
At least one of these:		
ENVS:2001/ EES:2001	Second-Year Field Trip for Earth and Environmental Sciences	1
ENVS:3001/ EES:3001	Third-Year Field Trip for Earth and Environmental Sciences	1
ENVS:3095	Field Ecology	4
ENVS:3096	Winter Ecology	2
ENVS:3097	Introduction to Bird Study	2
ENVS:3230	Special Topics (when topic is Prairie Restoration, or with advisor approval)	0-4
ENVS:4001/ EES:4001	Fourth-Year Field Trip for Earth and Environmental Sciences	2
CHEM:3430	Analytical Measurements	3
EES:1180	Geology of National Parks: Field Trip	2
EES:2831	Geologic Field Methods	3
EES:4680	Field Methods in Hydrologic Science	3
GEOG:4010	Field Methods in Physical Geography	3

Approved Iowa Lakeside Laboratory courses (prefix IALL)