

ELEMENTARY EDUCATION

Area of Concentration

Option 3: Environmental Studies

To fulfill the requirements for the area of concentration in Environmental Studies, an elementary education major must complete 18 credit hours of coursework selected from the list of classes below. If a student has been continuously enrolled at UW or a Wyoming Community College prior to fall 2000, 21 credit hours of coursework are required in the area of concentration. All courses must be passed with grade C or better.

The coursework must include a minimum of one course in each of the four areas: (1) Ecology and Environmental Science, (2) Natural Resources, (3) Historical/Cultural Environmental Issues, and (4) Contemporary Environmental Issues. Courses must be passed with grade "C" or better.

***LIFE [BIOL] 3400: General Ecology and EDCI 4000: Environmental Education for Teachers are required.**

Students are responsible for satisfying the prerequisites for all courses BEFORE registering for them. Prerequisites are listed in the course descriptions in the General Bulletin.

ECOLOGY AND ENVIRONMENTAL SCIENCES

AECL1000 (4)	Agroecology
ANTH 1100 (3)	Introduction to Physical Anthropology
*LIFE [BIOL] 3400 (3)	General Ecology
LIFE [BIOL] 2410 (2)	Introduction to Field Ecology
BOT 4640 (3)	Flora of the Rocky Mountains
BOT 4700 (4)	Vegetation Ecology
BOT 4730 (3)	Plant Physiological Ecology
CHEM 2020 (3)	Environmental Chemistry
ENTO 4678 (3)	Aquatic Entomology
ENTO 5601 (1)	Insects for Teachers
GEOL 3500 (4)	Global Change: A Geological Perspective
GEOL 4111 (2)	Remote Sensing of the Environment
GEOL 4112 (2)	Remote Sensing Laboratory: Apps. in Geology
GEOL 4380 (3)	Interpreting the Environment
GEOL 4460 (3)	Biogeography
NASC courses	Applicable to environmental science
PETE 4000 (3)	Environment, Technology and Society
PHYS 4050 (2)	Physical Principles of Pollution
REWM 4200 (3)	Reclamation of Drastically Disturbed Lands
ZOO 3760 (3)	Conservation Biology: Wildlife for the Future
ZOO 4190 (4)	Comparative Environmental Physiology
ZOO 4250 (4)	Human Heredity, Evolution and Society
ZOO 4400 (3)	Population Ecology
ZOO 4430 (2)	Limnology Laboratory
ZOO 4440 (3)	Limnology

NATURAL RESOURCES

ECON 2400 (3)	Economics of the Environment
ECON 4410 (3)	Natural Resource Economics
EE 4540 (2)	Energy Policies and Impacts
GEOG 1010 (4)	Introduction to Physical Geography
GEOG 1050 (3)	Introduction to Natural Resources
GEOG2550 (3)	Recreation and Natural Resources
GEOG 4040 (3)	Conservation of Natural Resources
GEOG 4080 (3)	Management of Major River Basins
GEOL 4080 (3)	Natural Resource Policy
REWM 2000 (3)	Principles of Range Management
ZOO 2450 (3)	Principles of Wildlife Management

HISTORICAL/CULTURAL ENVIRONMENTAL ISSUES

ANTH 1200 (3)	Introduction to Cultural Anthropology
ANTH 4310 (3)	Cultural Ecology
ENGL 4460 (3)	American Indian Literature
HIST 4475 (3)	American Environmental History
SOC 4580 (3)	Women and Third World Development

CONTEMPORARY ENVIRONMENTAL ISSUES

ATSC 2100 (3)	Atmospheric Change: Composition and Climate
ECON 4400 (3)	Environmental Economics
ENTO 1100 (3)	The Biodiversity Crisis
GEOL 3300 (4)	Earth Resources: The Necessities and Limitations of Modern Industrial Society
GEOL 3450 (3)	Fission, Fusion and Psychosis
PHIL 2300 (3)	Ethics in Practice: Environmental Ethics
PHYS 4160 (2)	Energy Issues for Educators
POLS 4050 (3)	Environmental Politics and Administration
POLS 4350 (3)	Sustainable Development and Global Policy
SOC 4600 (3)	Global and Population Issues

CAPSTONE EXPERIENCE

*EDCI 4000 (2)	Environmental Education for Teachers or a team-taught capstone seminar
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