HAUB SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES

Students interested in the concurrent major in Environment and Natural Resources (ENR) or the ENR minor should contact haub.school@uwyo.edu for more information about the program and to schedule an appointment with an academic advisor.

Environment and Natural Resources — Graduate Major - 15 credit hours

CORE (6 credit hours)

- ○ Approaches to Environmental Problem Solving ENR 5000
- ○ Environmental Assessment ENR 5900
  - Domestic focus
  - International focus

PROGRAM OF STUDY

- ○ Narrative Justification

ELECTIVES (9 credit hours)

Choose 3 elective courses from the following categories (see reverse):

- ○ Analytical Techniques
- ○ Cultural Studies
- ○ Economics of the Environment
- ○ Environmental Education & Leadership
- ○ Human Dimensions of ENR Management
- ○ Natural & Physical Sciences
- ○ Policy & Law

Environment and Natural Resources — Graduate Minor - 12 credit hours

CORE (6 credit hours)

- ○ See above

PROGRAM OF STUDY

- ○ Narrative Justification

ELECTIVES (6 credit hours)

- ○ Choose 2 courses from the above categories

Program Overview

The Haub School's advising structure is responsive to the evolving themes, concerns, and sub-fields within the rapidly changing field of environmental and natural resource studies. Furthermore, each ENR graduate student pursues a primary graduate degree from any department at the University of Wyoming, bringing expertise from that field of study to the ENR classroom and making this a truly interdisciplinary program.

As an ENR graduate student, you will take classes and conduct research in wide ranging areas of environmental significance, such as cultural studies, ecology, economics, law and politics, and management. Before beginning the graduate-level ENR curriculum, you will select a suite of approved ENR elective courses (see following page) that span disciplinary perspectives outside your primary area of study. You will also compose a narrative justification that briefly outlines (~1 page) how your selected courses meet your professional/academic interests and embody the goals of the ENR program.

The ENR core courses will complement those studies by providing interdisciplinary perspective and problem-solving approaches. You will collaborate and learn with students of diverse disciplinary training, backgrounds, and aspirations to critically evaluate the multiple dimensions of complex environmental challenges.

Please visit the Graduate Student Regulations & Policies page on the Office of the Registrar website, www.uwyo.edu/registrar/University_Catalog/grad_students.html, for more information.

Learning Outcomes

Upon graduation from the ENR program, you should:

- be conversant across a range of fields of environmental significance, spanning science and technology to human dimensions of natural resources;
- understand and evaluate the relationship of your primary discipline to other relevant ENR fields; and
- produce discourse, scholarship, and practical solutions that address the complexity of ENR challenges.

Example Courses

*course offerings vary by semester

ENR ELECTIVE CATEGORIES - 9 credits (choose 3 elective courses from the following categories)

Analytical Techniques	Risk Analysis ENR 5500 Environmental Data Analysis ENR/GEOG 5525 Negotiation Analysis ENR/AGEC 5550 Applied GIS ENR 5890 Quantitative Modeling Landscape Ecology REWM 5610 Remote Sensing for Agricultural Management RNEW 5130 Statistical Methods for Agriculture & Nature STAT 5080
Cultural Studies	Ecology of Knowledge AMST 5030 Environmental Anthropology ENR/ANTH 5310 Foundations of Sustainable Planning GEOG 5310 Contested Landscapes GEOG 5574 Food, Health & Justice HLED 5020 Issues in Environmental Ethics PHIL 5340 Ecofeminism WMST 5450
Economics of the Environment	Water Resource Economics AGEC 4720 Natural Resource Economics ECON 4410 Economics of Natural Resource Scarcity ENR 5890
Environmental Education & Leadership	Leadership in Natural Resource Management ENR 5950 Place-based Learning NASC 5650
Human Dimensions of Environmental & Natural Resource Management	Natural Resource Management on Reservations AIST/GEOG 4340 Historic Preservation AMST/HIST 5800 Writing for Non-Profits ENGL 4075 Negotiation ENR 5450 Textile Industry & Environment FCSC 4182 Rural & Small Town Planning GEOG 5390 Food Systems & Health HLED 5586 Sustainable Agriculture PLNT 5020
Natural & Physical Sciences	Conservation Biology BOT/ZOO 4420 Forest Ecology BOT/RNEW 5775 Biogeochemistry BOT 5780 Winter Ecology ENR 4010, 4011 & 4012 Remote Sensing of Rivers GEOG 5450 Wildland Hydrology REWM 5285 Rangeland Restoration Ecology REWM 5580 Wildlife Ecology & Management ZOO 5300
Policy & Law	Environmental Politics ENR/POLS 5051 Environmental Law & Policy ENR 5750 Energy Economics & Policy MBAM 5501 Advanced Water Law ENR/LAW 5890 Environmental Law LAW 6660 Natural Resources Law LAW 6865