



## HAUB SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES

Students interested in the Sustainability minor should contact [haub.school@uwyo.edu](mailto:haub.school@uwyo.edu) for more information about the program and to schedule an appointment with an academic advisor.



### Sustainability

### Minor - 18 credit hours

#### FOUNDATIONS (3 credit hours)

- Foundations of Sustainability ENR 1300

#### ETHICS (3 credit hours)

Choose 1 of the following:

- Environmental Ethics ENR/PHIL 2330
- Natural Resource Ethics ENR/PHIL 2345
- Global Justice PHIL 3250
- Environmental Justice ENR/POLS 3620

#### TRACK/ELECTIVES (9 credit hours)

Choose 1 track in which you will take 3 elective courses (see reverse):

- General Sustainability
- Food Systems
- Energy

#### CAPSTONE (3 credit hours)

- Campus Sustainability ENR 4600

### Track Descriptions

**GENERAL TRACK** Students seeking a general exposure to sustainability can select from a wide range of courses to complement their major and career interests. The key to this track is exposure to three different aspects of sustainability: design, environment, and culture/society.

**FOOD SYSTEMS TRACK** The demands of meeting future food needs in a sustainable manner require a critical and holistic approach to food systems. The diverse courses in the food systems track include ecological, economic, policy, cultural, and social justice aspects of our food system, to broaden students' understanding beyond any one specialization.

**ENERGY TRACK** Students in this track will explore the interdisciplinary energy-related issues of water, climate, and community health and development, in order to meet the needs of a sustainable energy future.

### Learning Outcomes

A student completing any track will be expected to

- demonstrate a theoretical and historical understanding of sustainability,
- explore and evaluate the implications of personal sustainability values,
  - develop a model of sustainability informed by personal values and integrate it into his/her worldview,
  - think holistically about consequences of actions,
  - intellectually respond to perspectives of sustainability outside their own,
- develop and implement sustainability solutions,
  - feel empowered to find solutions to sustainability challenges in his/her own life and community, and
  - apply sustainability principles to his/her home discipline and professional career.

## Tracks & Example Courses

choose 1 track in which you will take 3 elective courses - course offerings vary by semester

### GENERAL TRACK - 3 courses (1 from each category)

#### Design

Introduction to Historic Preservation AMST 2400  
 Historic Preservation & Sustainability AMST/ARE 4040  
 Historic Preservation AMST 4800  
 Fundamentals of Building Performance ARE 2410  
 History of Architecture ARE 3030  
 Textile Industry & the Environment FSCS 4182

#### Environment

Agroecology AECL 1000  
 Weather & Climate GEOG 3450  
 Global Sustainability GEOL 1600  
 Energy: A Geological Perspective GEOL 3650  
 Climate Change, Water & Energy HP 4152

#### Culture & Society

International Food & Farm Cultures AGECE 4280  
 Cultures of Nature in the United States AMST 3000  
 Food in American Culture AMST 3100  
 The Anthropology of Global Issues ANTH 3420  
 Anthropology of Food, Culture & Nutrition ANTH 4020  
 Environmental Anthropology ANTH 4310  
 Foundations of Sustainable Planning GEOG 4310  
 Food, Health & Justice HLED 4020

### FOOD SYSTEMS TRACK - 3 courses (1 course from 3 categories)

#### Ecology

Agroecology AECL 1000  
 Organic Food Production AECL/PLNT 4120

#### Economics & Policy

Economics of World Food & Agriculture AGECE 3860  
 International Food & Farm Cultures AGECE 4280  
 Community Nutrition FCSC 3147

#### Social Justice

Food, Health & Justice HLED 4020

#### Culture

Food in American Culture AMST 3100  
 Anthropology of Food, Culture, Nutrition ANTH 4020

### ENERGY TRACK - 3 courses (1 course from 3 categories)

#### Fundamentals of Energy & Environment

Global Change: A Geological Perspective GEOL 3500  
 Earth & Mineral Resources GEOL 3600  
 Energy: A Geological Perspective GEOL 3650  
 Principles of Wildland Water Quality REWM 3100  
 Reclamation of Drastically Disturbed Lands REWM 4200

#### Renewable Energy Systems

Fundamentals of Building Performance ARE 2410  
 Alternative Energy Sources & Applications ARE 4470  
 Solar Energy Conversion CHEM 4050  
 Solar & Geothermal Engineering ME 4460  
 Wind Ocean Energy Engineering ME 4470

#### Energy, Society & Culture

Energy & Society ERS/ENR 1000  
 Environmental Change GEOG 3480  
 Federal Land Politics GEOG/POLS 4052  
 Natural Resource Management on Western Reservations GEOG 4340  
 Climate Change, Water, Energy & Culture HP 4152