What can I do with a degree in… Rangeland Ecology & Watershed Management?

UW Ecosystem Science & Mgt.

The rangeland ecology and watershed management curriculum is designed for students wishing to study ecology, utilization and management of rangelands and wild land watersheds and related resources of forestry, recreation, wildlife management, soil science, botany and zoology. The undergraduate course of study helps students become well prepared for careers in natural resource management (e.g., range management, watershed management, restoration ecology/reclamation of degraded land, wildlife habitat management, ranch management, various types of environmental consulting), or other natural science careers. The curriculum fully meets the Office of Personnel Management (OPM) requirements for Rangeland Management Specialist. By appropriate course selection within the elective hours, students will also meet OPM requirements for additional professional work, such as soil conservationist or hydrologist.

Employers of Recent Graduates

- Bureau of Land Management
- Conservation District
- National Park Service
- U.S. Forest Service

Students may choose one of nine concentrations:

- **Rangeland Livestock Management**
- **Rangeland Habitat Management**
- **Rangeland Ecology**
- **Natural Resources**
- **Rangeland Improvements**
- **Rangeland Reclamation**
- **Wildland Watershed Management and Range Hydrology**
- **Rangeland Business Management**

For More Information
Center for Advising and Career Services
Phone: 307-766-2398
Email: uwcacs@uwyo.edu ***Website: www.uwyo.edu/cacs***

Job Websites

American Water Resources Association
http://careers.awra.org/

Brown and Caldwell
http://www.brwncald.com/

Desert Research Institute
http://www.dri.edu/employment

Society of Wetland Scientists
http://www.sws.org/jobs/

Wyoming Job Openings
http://www.wyoming.jobopenings.net/

USAJOBS
http://www.usajobs.opm.gov/

Career Options

- Environmental Consultant
- Fishery Biologist
- Forestry
- Mine Rehabilitation Specialist
- Natural Resources Recreation and Tourism
- Ranch or Range Livestock Manager
- Real Estate/Land Manager
- Restoration Ecologist
- Range or Soil Conservationist
- Soil Scientist
- Watershed Ecologist
- Wildlife Biologist
- Wildland Fire Manager

Internship Websites

College of Agriculture and Natural Resources
http://www.uwyo.edu/agprograms/internships/index.html

Graduate Study

Interested in a doctoral degree in Range Management? Programs are primarily designed to prepare students for teaching or researching careers in academia or private industry. Students can specialize in such areas as plant ecology, range economics, rangeland restoration, range nutrition, watershed management, wetland ecology and wildlife habitat management. In addition to completing the required coursework, students are required to complete a dissertation project under the supervision of a research advisor, with some programs also requiring a supervised teaching practicum.

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