



EXPEDITION SCIENCE

Expedition Science

Expedition Science integrates scientific research, field-based expeditions, and leadership development through experiential learning. This highly interdisciplinary program equips students with skills in a wide range of fields, including environmental science, geospatial information science and technology (GIST), wilderness travel, and outdoor leadership. Traveling in remote environments, exploring complex research questions, and assisting with environmental monitoring are key elements of Expedition Science.

Throughout their course of study, students participate in a wide variety of research projects, gaining skills required to reconstruct past human and physical environments and to answer contemporary questions in ecology. Field options include alpine glaciology, high-elevation archaeology, and the ecology of extreme environments. Data collected during these expeditions is shared with peers and colleagues at conferences and presented to state and federal land management agencies.

Expedition Science students complete at least one Central Wyoming College (CWC) or National Outdoor Leadership School (NOLS) expedition as part of their specialized field of study. This program provides excellent preparation for careers in natural resource management, environmental science, outdoor education, glaciology, archaeology, and geospatial information science.



To view our faculty,
visit www.cwc.edu/faculty



To learn more about the program,
visit www.cwc.edu/expeditionscience

Degree/Certificate

- Associate of Science
- Certificates

Learn Skills

- Cartography
- Environmental Science
- Foundations of Recreation and Tourism
- GNSS data collection
- Geoinformation Science & Technology
- Human Geography
- Mountaineering or Wilderness Backpacking
- Mountain Environments
- Wilderness First Responder
- Wilderness Navigation

Snapshot

- Field experience and research opportunities in the Greater Yellowstone Ecosystem and beyond
- Participate in the Interdisciplinary Climate Change Expedition (ICCE)
- Take courses at NOLS
- Live on campus at the Alpine Science Institute

Pathways to...

- Transfer to a four-year college or university
- Careers in:
 - Natural Resource Management
 - Environmental Science
 - Outdoor Leadership
 - Glaciology
 - Archaeology
 - Geospatial Information Science

Non-Discrimination Statement

Consistent with its mission to value diversity and to treat all individuals with dignity and respect, Central Wyoming College does not discriminate on the basis of race, color, religion, sex (including pregnancy, sexual orientations, marital status, or gender identity), national origin, age, disability (mental and/or physical), veteran status, or genetic information in admission, or access to, or treatment, or employment in its educational program services or any other activities. The college makes reasonable accommodations to serve students with special needs and offers services to students who have the ability to benefit. Inquiries concerning:

- Title VII and Title IX may be referred to Jennifer Appleby, Director of Human Resources, Central Wyoming College, 2660 Peck Avenue, Riverton, WY 82501 (307) 855-2112

- Section 504 of the Rehabilitation Act may be referred to: Nicole Schoening, CWC Counselor and Disability Services Coordinator, Central Wyoming College, 2660 Peck Avenue, Riverton, WY 82501 (307) 855-2011. Inquiries may also be sent to the Office of Civil Rights for Wyoming at Denver Office, Office of Civil Rights, U.S. Department of Education, Federal Building, 1244 Speer Blvd, Suite 310, Denver, CO 80204-3582, 303-844-5695, Fax 303-844-4303, TDD 303-844-3417, email OCR_Denver@ed.gov.



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