

Watershed Science

Warner College

Watershed Science is the interdisciplinary study of the natural processes and human activities that affect fresh water resources. Management of fresh water resources is an increasingly important and complex challenge in Colorado and worldwide.

Graduates will demonstrate an understanding of the key concepts and skills in watershed science including: surface and subsurface hydrology, water quality, watershed measurements, geographic information systems, and watershed modeling.

First-Destination Employers

- U.S. Fish and Wildlife Service
- USDA Forest Service
- Bureau of Land Management
- Colorado Division of Water Resources
- Coalition for the Poudre River Watershed
- Northern Colorado Water Conservancy District
- Colorado State University
- Watershed Science & Engineering, Inc.
- Tetra Tech
- Environmental Science Associates
- ELEMENT Water Consulting
- U.S. Army Corps of Engineers
- Hach
- Pike Engineering

First-Destination Job Titles

- Hydrologic Technician
- Hydrologist
- Water Conservation Technician
- Watershed Biologist
- Water Resource Specialist
- Aquatic Ecologist
- Watershed Restoration Specialist
- Lab Assistant
- Power Engineering Technologist

Mid Level Positions

**may require more experience or education*

- Project Manager
- Hydrologist
- Sustainability Analyst
- Watershed Analyst
- Water Supply Forecaster
- Fluvial Geomorphologist
- Research Hydrologist
- Water Commissioner

FACTORS *of* SUCCESS

1

Engagement
with CSU
Career
Center

2

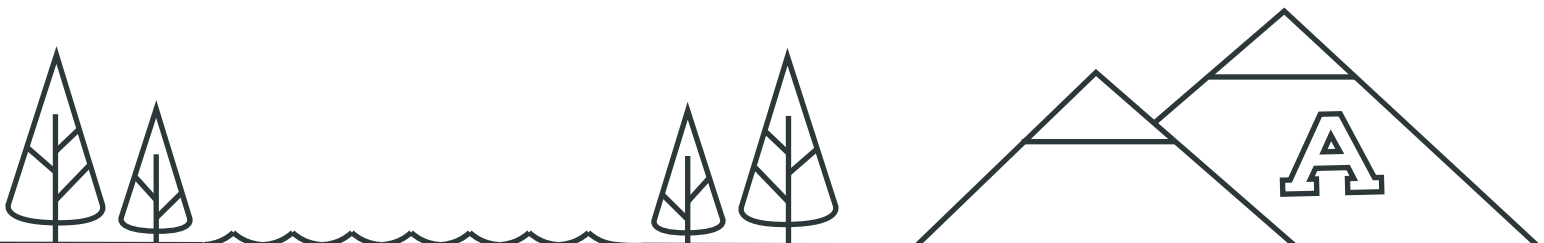
Internship
Involvement

3

On Campus
Employment

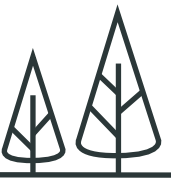
4

GPA





Career Checklist



First Year Students

- ☐ Explore career options for your major by navigating the WCNR Career Services website and ESS Alumni Profiles via the department website
- ☐ Create a resume and learn how to write a cover letter. Ram Career Ready is our training module that helps guide you in this process.
- ☐ Log into Handshake, the CSU Career Center's job and internship board
- ☐ Join a student organization:
 - Watershed Club
 - Ecosystem Science & Sustainability Club
 - EcoLeaders, in association with CSU Residence Life
 - Society for Ecological Restoration (SER), CSU Student Guild Chapter
 - Strategies for Ecology Education, Diversity, and Sustainability (SEEDS)
 - WCNR College Council

Third Year or Transfer Students

- ☐ Update your resume
- ☐ Take a leadership role in a student organization
- ☐ Learn how to apply for government jobs/internships via USAJOBS
- ☐ Work or volunteer in career-relevant positions during the academic year
- ☐ Schedule two informational interviews with alumni or employers in your field
- ☐ Learn how to research employers and alumni on LinkedIn
- ☐ Begin to explore graduate school options utilizing the WCNR Career Services website
- ☐ Look for summer field work or internships and use all your resources (listed above)
- ☐ Take relevant certification courses i.e., CPR, Avalanche Training (AMGA), etc.
- ☐ Engage in summer undergraduate research, internships, or field-based study abroad programs
- ☐ Attend the WCNR Networking Dinner in spring

Second Year Students

- ☐ Update your resume through WCNR Career Services and Ram Career Ready
- ☐ Discuss career goals with your Career Education Manager
- ☐ Sign up to receive the NRCC Newsletter, our WCNR jobs listserv
- ☐ Research relevant job boards: Ecolog-L, Conservation Job Board, CoolWorks.com, etc.
- ☐ Volunteer in service or research projects during the academic year
- ☐ Look for summer field work or internships. Use all your resources: Handshake, the All-Campus Career Fair, faculty, staff, and advisors.
- ☐ Attend the WCNR Networking Dinner in spring

Fourth Year Students

- ☐ Begin your job search nine months before graduation
- ☐ Work or volunteer in career-relevant positions during the academic year
- ☐ Polish your resume and cover letter; have them reviewed by your Career Education Manager
- ☐ Update Handshake job search options
- ☐ Connect to alumni and peers on LinkedIn and follow potential employers
- ☐ Review interviewing skills and schedule a mock interview at the Career Center
- ☐ Finalize graduate school applications
- ☐ Develop and secure professional references
- ☐ Join a professional association that aligns with your industry of interest, i.e., the American Water Resources Association, American Geophysical Union, etc.

Alumni

- ☐ Please note: Your degree qualifies you for the OPM Hydrologist Series (1315) and the opportunity to apply to be a Professional Hydrologist through the American Institute of Hydrology.
- ☐ Continue to use the Career Center for guidance up to one-year post-graduation. All services are still available to you!



Colorado State University

WARNER COLLEGE | CAREER CENTER