

# Geosciences

## Warner College

Geology and geological resources, and their wise management, are critical to civilization. Geosciences professionals play essential roles in mineral, energy, and water resources, in understanding and managing the diverse surface processes that shape the planet, in evaluating and mitigating geological hazards, and across many other fields of Earth science.

The Geology major (with its four concentrations of Geology, Hydrogeology, Geophysics, and Environmental Geology) provides a rigorous foundation in geosciences, fundamental sciences, mathematics, and complex problem solving. The major prepares students for satisfying and high-paying career and graduate school directions in Earth and other sciences; resource exploration, production, and stewardship; public policy; management; education; and many other professions. Employers of our graduates span the private, government, and nonprofit sectors.

### First-Destination Employers

- Antea Group
- Colorado Water Conservation Board
- U.S. Geological Survey
- National Park Service
- Tasman Geosciences
- Vironex Environmental Services
- Freeport-McMoran
- GTN Associates
- Great Western Oil and Gas
- CACI
- Ward Petroleum Corporation
- U.S. National Laboratories
- Weatherford Laboratories
- Amec Foster Wheeler
- Bureau of Land Management
- Bubar and Hall Consulting
- GeoCorps of America
- Selman & Associates
- Graduate School

### First-Destination Job Titles

- Geologist
- Environmental Scientist
- Geologic Technician
- Technical Professional-Geology
- Geospatial Technician
- GIS Analyst
- Well Site Geologist
- Lab Technician
- Researcher
- Geology Interpreter
- Logging Geologist

### Mid Level Positions

*\*may require more experience or education*

- Senior Geologist
- Hydrogeologist
- Geophysicist
- Senior Project Manager
- Hydrologist
- Geomorphologist

### FACTORS of SUCCESS

1

Engagement with CSU Career Center

2

Internship Involvement

3

On Campus Employment

4

GPA





# Career Checklist



## First Year Students

- Explore geosciences and related career options by navigating the WCNR Career Services 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 department student organization, such as:
  - CSU Geosciences Club
  - American Association of Petroleum Geologists, CSU Chapter
  - Society of Economic Geologists
  - Society of Exploration Geophysicists

## Second Year Students

- Apply for a position in the Geosciences Department: <https://warnercnr.colostate.edu/geosciences/undergraduate-study/student-involvement/>
- Update your resume through WCNR Career Services and Ram Career Ready
- Discuss career goals with your Career Education Manager and Faculty Mentor
- Sign up to receive the NRCC Newsletter, our WCNR jobs listserv
- Participate in service or research projects
- Look for a summer field work or internships. Use all your resources: Handshake, the All-Campus Career Fair, faculty, staff, and advisors.
- Attend the WCNR Spring Networking Dinner

## Third Year or Transfer Students

- Update your resume
- Learn how to apply for government jobs/internships via USAJOBS
- Schedule at least two informational interviews with alumni or employers in your field
- Learn how to research employers and alumni on LinkedIn and with other web resources
- Begin to explore graduate school options utilizing the WCNR Career Services website and with your Faculty Mentor
- Apply for summer field work and/or internships and use all your resources listed above
- Take a leadership role in a student organization
- Attend the WCNR Spring Networking Dinner
- Participate in the Geosciences department graduate/undergraduate mentoring program

## Fourth Year Students

- Begin your job search at least nine months before graduation
- Polish your resume and cover letter; have them reviewed by your Career Education Manager and Faculty Mentor
- Update Handshake job search options
- Connect to alumni and peers on LinkedIn, through our club activities, and through the Geosciences Alumni Database
- Familiarize yourself with potential employers
- Review your interviewing skills and schedule a mock interview at the Career Center
- If appropriate, finalize your graduate school applications
- Develop and secure professional or graduate school references
- Attend the WCNR Spring Networking Dinner
- Join one or more professional associations that align with interests (e.g., Geological Society of America, American Geophysical Union, Society of Economic Geologists, American Association of Petroleum Geologists, Rocky Mountain Association of Geologists)

## Alumni

- You may continue to use the Career Center for guidance for up to one year post-graduation. All services will remain available to you!

