



Graduate School

Earth Sciences

Master of Arts



Flexible, Focused and Multidisciplinary

UNC enables you to customize the Master of Arts in Earth Sciences to fit your academic and professional goals. You'll gain high-level skills and expertise across multiple disciplines, enabling you to advance your career in education, earth and atmospheric sciences, energy, resource management and many other fields. Situated at the intersection of mountains and plains, UNC provides

extraordinary opportunities to conduct field research. As a student you will work with outstanding faculty who can help customize a master's program that builds on your strengths and fits your objectives. With our broad selection of graduate courses, diverse faculty and wide variety of research specializations, UNC offers you the flexibility to find the perfect niche in the earth sciences.

Career Pathway

UNC's Earth Sciences M.A. program strongly supports career advancement in STEM education, energy development, natural resource management, environmental regulation, hydrology and many other fields. The program offers particularly good preparation for K-12 teachers and community college instructors.

Graduates can also pursue opportunities in Colorado's energy sector, which has strong activity both in fossil-based and renewable energy sources.

Degree Options

- **Thesis Option** - For students who want to focus on a specific discipline or subject area within the earth sciences. Students will present an original thesis to complete the program.
- **Non-thesis Option** - For students who want to deepen their knowledge across multiple earth science disciplines. Students will develop and complete graduate research in collaboration with their research advisor.

Program Details

- Greeley Campus Delivery
- Credits Required: 30
- Time to completion: Two to two and a half years
- Classes Start: Spring and Fall semesters

Related Programs

- Environmental Geoscience, Professional Science Master's, PSM
- Geography Education, Graduate Certificate
- Geographic Information Science, Graduate Certificate

Cost and Value

Tuition rates are based on the 2021-22 Academic Year:

Colorado Resident Tuition: \$649 per credit hour plus fees.

Nonresident Tuition: \$1,217 per credit hour plus fees. You may qualify for CO resident tuition — see WRGP information at right.

UNC is regularly called out as a top value for both resident and nonresident students, and the university offers financial aid packages for qualified students. For more information, visit [UNCO.EDU/COSTS](https://unco.edu/costs).

What Students Say

"I enjoyed my experience in the Earth Science master's program. I had fantastic opportunities to learn from knowledgeable professors and the atmosphere in the program was both welcoming and challenging."

Rebecca Kipf, current Earth Science, M.A. student

Financing your Education

UNC offers a variety of financial support options, including:

- Colorado resident tuition for students from 15 western states is offered through the Western Regional Graduate Program. To see if you qualify visit [UNCO.EDU/GRADUATE-SCHOOL/FUNDING/WESTERN-REGIONAL-GRADUATE-PROGRAM.ASPX](https://unco.edu/graduate-school/funding/western-regional-graduate-program.aspx)
- Several competitive assistantships are available
- Grant funding may be available for students in this program through the (Critical Career) Colorado Graduate Grant, funded by the Colorado General Assembly. To find out if you qualify, fill out the FAFSA. Students must be a Colorado resident and show high financial need.

For more information contact Financial Aid at [UNCO.EDU/FINANCIAL-AID/](https://unco.edu/financial-aid/).

Faculty Spotlight

Steve Anderson, Ph.D.

One of Steve Anderson's greatest passions is teaching in field and international settings, and he has taught field courses for various universities. His research focuses on the surfaces of active and older lava flows and how they are influenced by the behavior of a volcano. He has published more than 30 peer-reviewed articles, including two in *Nature*, and has received several NSF grants to support his research. He has studied active volcanoes in more than a dozen countries, and has been supported by the NSF and NASA to study lava flows on Earth, Mars and Venus.

Program Contact

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About UNC Graduate School

The University of Northern Colorado, founded in 1889, is Colorado's right-sized doctoral research university, serving a diverse student body around the world. Given its size, program mix, and mission, UNC offers students the access and opportunities of a small college along with the nationally recognized programs, research funding and facilities that come with being a leading U.S. university. Students seeking preparation for a world (and workplace) full of opportunities and options, complexities and cultures, diversity and demands, will find faculty mentors and excited fellow students to engage with here at UNC.



UNC

UNIVERSITY OF NORTHERN COLORADO

Graduate School

[UNCO.EDU/GRADUATE-SCHOOL](https://unco.edu/graduate-school)