



DEPARTMENT OF EARTH AND ATMOSPHERIC SCIENCES



ABOUT US The Department of Earth and Atmospheric Sciences is dedicated to delivering the best education in Applied Geology, Environmental Science, Geography, and Meteorology. You'll use the Earth as your laboratory to build your scientific knowledge and skills. Our expert faculty, small class sizes, field experiences, and state-of-the-art lab facilities offer a space for students to thrive. Through our programs, you will increase your understanding of the planet and make the world a better place.



STUDENT OPPORTUNITIES With Colorado's diverse landscapes as a backdrop, students can participate in field courses like The Colorado Plateau and Observations of Severe Weather. Students can also visit the National Ice Core Lab and the National Weather Service or travel to national meetings like the Geological Society of America, American Meteorological Society and the American Association of Geographers.



MAJOR/MINOR We offer majors in Applied Geology, Geography, Environmental Science, and Meteorology. Round out your education with our minor or certificate offerings which include Geology, Geography, Geographic Information Systems (minor or certificate), Sustainability Studies, Climate Change, Environmental Science, and Meteorology.



ALUMNI QUOTE "Studying meteorology at MSU honed my curiosity for the atmosphere. The comprehensive knowledge given to me created an opportunity for me to explore ANY career in meteorology. I chose to pursue broadcasting and really enjoy sharing my weather passion with the general public."

- Alex O'Brien, 2016
Broadcast Meteorologist in Colorado Springs

INDUSTRY CAREERS

- Meteorologist
- Environmental Scientist
- Geographic Information Systems Specialist
- Geologist
- Geographer



CONTACT US

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GEOGRAPHY | Bachelor of Arts

Experiential Major Map



MSU
DENVER
COLLEGE OF LETTERS,
ARTS AND SCIENCES

First Year

- Attend orientation and register for classes
- Complete financial aid and scholarship applications

Middle Years

- Declare your major in Geography
- Review your Degree Progress Report with a geography academic advisor
- Consider adding a minor or certificate

Last Year

- Meet with a geography academic advisor to ensure you are on track for graduation
- Complete your Senior Experience course
- Apply for Graduation

Cultivate Learning & Academic Excellence

- Meet with a geography academic advisor
- Join a student organization
- Perfect your academic technology skills (e.g., Canvas, email)

Engage Globally and Locally

- Attend the EAS Undergraduate Research Showcase
- Attend the MSU Denver Undergraduate Research Conference

- Take a leadership role in a student organization
- Present your research at the department showcase or MSU Denver research conference
- Serve as a TA or LA in a GEG/GIS class

Prepare

for Postgraduation
Success

- Focus on building skills in foundational courses
- Begin to develop a resume to track experiences and skills

- Attend a career fair
- Attend career workshops & events offered by the C2 Hub
- Continue to build your resume

- Discuss employment and/or graduate school options with faculty
- Review your resume with geography and/or GIS faculty members

Academic Success Checklist

- Discover library resources
- Book an appointment with your academic advisor
- Visit the writing and tutoring center
- Complete FASFA and academic scholarship applications

Employment in
Geography is projected
to grow by 5.3 percent
from 2024 to 2026.

Career Development Checklist

- Update your resume early & often
- Drop into the C2 Hub's Career Lab
- Secure an internship or career aligned part time job to develop essential skills for graduation

Career Information

What skills do employers want?

- Communication
- Critical Thinking
- Professionalism
- Teamwork
- Technology

This major gives me the skills to:

- Understand environmental problems
- Contribute to sustainable solutions
- Critically analyze geospatial data

What careers can I pursue?

- Cartographers
- GIS Professionals
- Emergency Management Directors
- Environmental Science Technicians
- Data Scientists
- Urban and Regional Planners

