



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, Environmental Sustainability, Geography, and Meteorology. You'll use the Earth as your laboratory to build knowledge and skills. Our expert faculty, small class sizes, field experiences, and state-of-the-art labs 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 and dynamic weather, there is no better place to study Earth and atmospheric sciences. You'll benefit from small classes, hands-on labs, and fieldwork. Through our majors, minors, and certificates, you'll develop the knowledge and practical skills to understand Earth's systems, address environmental challenges, and make a positive impact.



MAJOR/MINOR We offer majors in Applied Geology, Geography, Environmental Science, Environmental Sustainability (online), 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 "My degree has given me the foundational knowledge to be successful in a meaningful career which helps preserve the quality of our State's waters."

- Michael Prado, 2022
EAS graduate

INDUSTRY CAREERS

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

CONTACT US

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ENVIRONMENTAL | Bachelor of Science SUSTAINABILITY (ONLINE)

Experiential Major Map



COLLEGE OF LETTERS,
ARTS AND SCIENCES

	First Year	Middle Years	Last Year
Cultivate Learning & Academic Excellence	- Attend orientation - Meet with academic advisor and register for classes - Complete financial aid and scholarship applications - Meet with faculty advisor to discuss career interests - Solidify academic technology skills (e.g., Canvas, email)	- Complete financial aid and scholarship applications - Apply for EAS-specific scholarships - Review Degree Progress Report with academic advisor - Consider adding minor or certificate	- Meet with academic advisor to ensure you are on track for graduation - Apply for Graduation - Complete your Senior Experience course
Engage Globally and Locally	Join a student organization	- Explore research, internship or volunteer opportunities - Attend the MSU Denver Undergraduate Research Conference	- Take a leadership role in a student organization - Serve as a Teaching Assistant
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 and events offered by the C2Hub - Continue to build your resume	- Create LinkedIn profile - Practice interview skills - Perfect resume with help from faculty and C2Hub - Apply for jobs and/or graduate

Academic Success Checklist

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

Environmental scientists and specialists earn a median salary of more than \$80,000 a year, with about 8,500 job openings projected annually.

Career Development Checklist

- ☐ Update your resume early and often
- ☐ Drop into the C2Hub'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?

- Technical skills (e.g., GIS, data analysis, AI)
- Critical thinking, problem solving skills
- Writing, oral communication and collaborative skills

This major gives me the skills to:

- Use geospatial tools and quantitative methods to collect, analyze, and interpret environmental data
- Analyze environmental problems
- Contribute to sustainable solutions

What careers can I pursue?

- Environmental Specialist
- Urban and Regional Planner
- GIS Analyst
- Land Use Planner
- Sustainability Coordinator

