

# Earth and Space Science

Main Content	Just the Facts	Additional Resources
<p>About the Program Shape a Sustainable World You'll learn how the geosphere, hydrosphere, atmosphere, and biosphere interact, and how people shape these systems. Build skills through labs, fieldwork, and mentored research while choosing a track in Astrophysics and Planetary Geology, Environmental Science, Geology, or Secondary Education.</p> <p><a href="#">Apply Now</a></p> <p><a href="#">Request Info</a></p> <p><b>Customize Your Degree</b></p> <p><b>Astrophysics and Planetary Geology (Track)</b> Focus on the origin, evolution, and composition of planets and moons, with hands-on experience in astronomical observation and planetary surface analysis.</p> <p><a href="#">View Program of Study</a></p> <p><b>Environmental Science (Track)</b> Explore human impacts on the environment and develop skills in environmental assessment, conservation, and sustainability practices.</p> <p><a href="#">View Program of Study</a></p> <p><b>Geology (Track)</b> Study Earth's materials, processes, and history through field mapping, mineral analysis, and geologic interpretation.</p> <p><a href="#">View Program of Study</a></p> <p><b>Secondary Education (Track)</b> Combine Earth and space science knowledge with teacher preparation courses to qualify for secondary</p>	<p><b>Total Credit Hours:</b> 120 Hours</p> <p><b>Delivery Format:</b> On Campus</p> <p><b>Completion Time:</b> 4 years (full-time)</p> <p><b>Academic Unit:</b> <a href="#">Department of Earth and Space Sciences</a></p>	<p><a href="#">View Admission Requirements</a></p>

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science teaching certification in our UTeach program.  <a href="#">View Program of Study</a>		

#### Program Highlights Your Academic Experience

- Learn in the field, the lab, and the classroom with real data and real problems.
- Work one-on-one with faculty on research and present your findings.
- Practice job-ready skills like GIS, data analysis, sampling, and reporting.
- Intern with the Coca-Cola Space Science Center for real-world experience.
- Apply learning locally with Georgia field sites and community-focused projects.

The UTeach program and the Earth and Space Science department at Columbus State University gave me early, meaningful opportunities in both education and geosciences that heavily influenced my teaching philosophy. Hands-on fieldwork and innovative classroom experiences taught me to center instruction on real-world phenomena and inquiry, allowing students to experience the same sense of discovery as scientists do. Because of these programs, I am able to share personal connections to my content with students and inspire them to get excited about science!

Chloe Chambers '17BS in Earth and Space Science – Secondary Education

#### What Can You Do With This Degree?

Explore job trends, average salaries, and growing opportunities so you can see how your degree connects to meaningful career pathways and the future of your field.

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Admission Requirements Your Pathway to CSU

### Program-Specific Admission Requirements

Tracks have specific admission requirements linked under each track above.

[View Program-Specific Admission Requirements](#)

## Institutional Admission Requirements

All applicants must meet our institutional admissions requirements to be accepted into Columbus State University.

[View Institutional Admission Requirements](#)

Related Programs You May Also Be Interested In

### **B.S.**

Chemistry

[Learn More](#)

### **B.S.**

Biology

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### **Minor**

Physics

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