

# UNDERGRADUATE STUDIES IN SOLID EARTH AND PLANETARY SCIENCES

Georgia Tech's [B.S. in Solid Earth and Planetary Sciences \(SEP\)](#) merges a dynamic understanding of planetary processes with the Institute's rigorous strengths in mathematics and computation. Students in this program explore the structure, evolution, hazards, and future of Earth and planetary bodies.

Through the SEP program, students will:

- **Develop a deep understanding** of the evolution and dynamics of the Solid Earth and other planetary systems, spanning the planet's geologic history, its co-evolution with life, and the dynamic climatic interactions among the oceans and atmosphere.
- **Become adept at understanding** ground-based and remote sensing geophysical data and apply this information to computational tools for understanding planetary systems.
- **Experience opportunities** to advance scientific communication, engage in cutting-edge research, and synthesize knowledge, effectively preparing students to launch impactful careers in the field.



Students interested in research opportunities can work with our world-class SEP faculty and gain the experience needed to be successful within graduate programs around the world.

## Opportunities

Whether the goal is top-tier graduate research or a thriving career in industry and government, the degree delivers the rigorous, computationally focused training students need to succeed.

Students will be well qualified for graduate programs and careers that include geophysical and geological analysts, environmental and exploration geophysics, geologic hazards monitoring and assessment, land surface studies, geophysics, and planetary science. Students that complete this degree will also be suited for outside opportunities in statistical and 'big data' analysis as well as general science education and outreach.



## FOR MORE INFORMATION

For more information, please see [eas.gatech.edu](https://eas.gatech.edu) or contact the School of Earth and Atmospheric Sciences' undergraduate advisors, **Zachary Handlos** ([zachary.handlos@eas.gatech.edu](mailto:zachary.handlos@eas.gatech.edu)) or **Samantha Wilson** ([samantha.wilson@eas.gatech.edu](mailto:samantha.wilson@eas.gatech.edu)).

