

BACHELOR OF SCIENCE IN EARTH AND ATMOSPHERIC SCIENCES

The EAS degree is comparable to traditional degrees in meteorology and environmental sciences, but the program has several unique attributes. EAS courses provide "hands-on" experiences in collection and interpretation of environmental data and in predictive modeling. The integrated approach of the program gives a broad environmental background while still allowing students to specialize in meteorology, earth science, education, or a business option. The program prepares students for graduate study or immediate employment in fields such as meteorology, air quality, environmental chemistry, exploration geophysics, geological engineering, geological hazards, impact assessment, and environmental policy. Electives (30 hours), both within the School and in other units of Georgia Tech, allow students considerable flexibility in tailoring their degree programs according to individual career goals. The School provides incentives and encouragement for undergraduate students to participate in ongoing research with the faculty.

EAS Undergraduate Information

- Bachelor of Science in Earth and Atmospheric Sciences - General
- Bachelor of Science in Earth and Atmospheric Sciences - Business Option

International Plan

The EAS with International Plan (EAS-IP) is designed to give a student a solid, global competence within the context of an Earth and Atmospheric Science degree.

The major course requirements are the same for both EAS and EAS-IP. Where they differ is that for the EAS-IP degree, a student:

1. Spends 26 weeks abroad engaged in any combination of study abroad, research, or internship.
2. Takes their Social Science/Humanities electives in targeted areas:
 - a. International relations
 - b. Global economics
 - c. A course about a particular country or region
3. Complete the equivalent to two years of college-level language study. See Georgia IP requirements for the different options: www.internationalplan.gatech.edu/
4. Complete a capstone course that combines their global experience with their EAS degree.

EAS Undergraduate Information

Research Option

The BS in Earth and Atmospheric Sciences with Research Option allows students to emphasize their interest in research. To complete the Research Option in the School of Earth and Atmospheric Sciences students must:

1. Complete at least nine units of undergraduate research
 - a. Courses should span at least two, preferably three terms (note there is also a two semester sequence of proposal and thesis writing courses - see below)

- b. Research may be for either pay (EAS 4698) or credit (EAS 4699)
 - c. At least six of the nine required credit hours should be on the same topic
2. Complete a research proposal outlining their research topic and project for the thesis while taking LMC 4701.
3. Write an undergraduate thesis/report of research on their findings while taking LMC 4702.

To submit your intent form to Undergraduate Research Opportunities Program (UROP), please go to the web form at <http://undergradresearch.gatech.edu/> This form must be completed and can also be reached from the main UROP webpage.

For further information, consult the EAS Undergraduate Coordinator.

General Research Option Information

BS/MS Earth and Atmospheric Sciences

EAS offers a BS/MS Program. EAS majors may apply to the BS/MS program after completing at least thirty semester credit hours at Georgia Tech with a GPA of at least 3.5.

Students admitted to the program must maintain a cumulative GPA of at least 3.0.

As part of the program, students may use up to 6 credit hours of graduate-level coursework in the major discipline for both degrees.

To apply, complete the BS/MS application form, a biographical statement, and two letters of recommendation.

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