

EARTH AND ATMOSPHERIC SCIENCES MINOR

College of Agriculture and Life Sciences, College of Engineering

Program Website (<https://www.engineering.cornell.edu/eas/degree/earth-atmospheric-sciences-minor-requirements/>)

Program Description

A minor in Earth and atmospheric sciences is available to all undergraduates except those majoring in earth and atmospheric sciences.

Department of Earth and Atmospheric Sciences Minors

The department offers three undergraduate minor programs. For more information about the major program or any of the minor programs please contact Annmarie Card, ac2666@cornell.edu, or visit www.eas.cornell.edu (<http://www.eas.cornell.edu/>).

A minor is a secondary area of interest that often complements a major and allows grouping of related electives in a meaningful way. Students typically need four to six courses to fulfill the requirements for a minor. EAS offers three undergraduate minor programs.

Academic Standards

- Must have a C- in each course taken towards the minor and must have a cumulative GPA > 2.3 in all courses taken towards the minor.

Minor Requirements

The minor requirements are as follows:

| Code | Title | Hours |
|---|---|-------|
| Required Introductory Course | | |
| EAS 2250 | The Earth System | 4 |
| Core Courses | | |
| At least three selections from the following core course options: | | 9 |
| EAS 3050 | Climate Dynamics | |
| EAS 3410 | Atmospheric Thermodynamics and Hydrostatics | |
| EAS 3420 | Atmospheric Dynamics | |
| EAS 3090 | Earth Materials | |
| EAS 3880 | Global Geophysics | |
| EAS 3010 | Evolution of the Earth System | |
| EAS 3030 | Introduction to Biogeochemistry (crosslisted) | |
| EAS 3450 | Environmental Geophysics | |
| EAS 3530 | Physical Oceanography | |
| Additional EAS Course | | |

One EAS course at the 3000-level or higher. These courses may include, but are not limited to, additional courses from the above list, or undergraduate research courses for three credits, or field courses.

Graduation Requirements for Engineering Minor Degree Programs

Requirements

Students may pursue minors in any department in any college that offers them, subject to limitations placed by the department offering the minor

or by the students' major. Completed minors will appear on the student's transcript. Not all departments offer minors. Additional information on specific minors can be found above, in the *Engineering Undergraduate Handbook*, in the undergraduate major office of the department or school offering the minor, and in Engineering Advising.

An engineering minor recognizes formal study of a particular subject area in engineering normally outside the major. Students undertaking a minor are expected to complete the requirements during the time of their continuous undergraduate enrollment at Cornell. Completing the requirements for an engineering minor (along with a major) may require more than the traditional eight semesters at Cornell. However, courses that fulfill minor requirements may also satisfy other degree requirements (e.g., distribution courses, advisor-approved, or major-approved electives), and completion within eight semesters is possible.

An engineering minor requires:

- successful completion of all requirements for an undergraduate degree.
- enrollment in a major that approves participation in the minor.
- satisfactory completion of six courses (at least 18 credits) in a college-approved minor.

Students may apply for certification of a minor at any time after the required course work has been completed in accordance with published standards. An official notation of certification of a minor appears on the Cornell transcript following graduation.