

# ATMOSPHERIC SCIENCES MINOR

College of Agriculture and Life Sciences, College of Arts and Sciences, College of Engineering

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

## Minor Requirements

A minor in atmospheric sciences is available to all undergraduates except those majoring in Atmospheric Sciences.

The minor requirements are as follows:

Code	Title	Hours
<b>Core Courses</b>		
Select two of the following: <sup>1</sup>		
EAS 3410	Atmospheric Thermodynamics and Hydrostatics	
EAS 3420	Atmospheric Dynamics	
EAS 4470	Physical Meteorology	
<b>EAS Courses</b>		
Select two of the following: <sup>1</sup>		
EAS 1310	Basic Principles of Meteorology	
EAS 2500	Meteorological Observations and Instruments	
EAS 2680	Climate and Global Warming	
EAS 3050	Climate Dynamics	
EAS 3340	Microclimatology	
EAS 3520	Synoptic Meteorology I	
EAS 4350	Statistical Methods in Meteorology and Climatology	
EAS 4510	Synoptic Meteorology II	
EAS 4700	Advanced Weather Forecasting and Analysis	
EAS 4860/6860	Tropical Meteorology and Climate	

<sup>1</sup> All courses must be taken at Cornell and for a letter grade.

## Academic Standards

Must have a C- in each courses taken towards the minor and must have an accumulative GPA of 2.3 or higher.

## Graduation Requirements for Engineering Minor Degree Programs

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.