

MECHANICAL ENGINEERING MINOR

College of Engineering

Program Website (<https://www.engineering.cornell.edu/mae/minors/>)

Program Description

Open to all undergraduates except those majoring in Mechanical Engineering.

Students intending to earn this minor should seek advice and pre-approval from the Associate Director of Undergraduate Programs in Mechanical Engineering. Applications for the minor may be obtained in 125 Upson Hall.

Academic Standards

- Students must earn at least a C- in each course in the minor.

Minor Requirements

At least six courses (≥ 18 credits) from among the following:

Code	Title	Hours
Required Courses		
ENGRD 2020	Statics and Mechanics of Solids (or)	4
ENGRD 2210	Thermodynamics	3

Rules for Selecting Courses

The selection of courses must satisfy the following requirements.

- MAE courses at the 2000 level or above.
- At least two courses must be numbered above 3000.
- At least one course must be either (i) numbered above 5000 or (ii) numbered above 3260 and have as a prerequisite ENGRD 2020, MAE 2030, ENGRD 2210 or a MAE course.
- Each course must be worth at least 3 credits.

All courses used to satisfy the MAE minor must be MAE courses, ENGRD 2020, ENGRD 2210, or MAE 2030. No substitutions will be accepted from other departments at Cornell or elsewhere. Transfer credit may not be used to satisfy the MAE minor. MAE 4980 may not be used toward satisfying the M.E. minor. MAE 4900 or MAE 4291 may be used for at most one course in the minor.

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.