

ENGINEERING ENTREPRENEURSHIP MINOR

College of Engineering

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

Program Description

This minor is no longer being offered in 2024-2025 and interested students are encouraged to explore the Dyson Business Minor.

Offered collaboratively by: Department of Biological and Environmental Engineering, Robert Frederick Smith School of Chemical and Biomolecular Engineering, School of Civil and Environmental Engineering, School of Electrical and Computer Engineering, Department of Materials Science and Engineering, Sibley School of Mechanical and Aerospace Engineering, School of Operations Research and Information Engineering

Eligibility

All Engineering undergraduates. Students pursuing the Independent Major should obtain approval for the proposed minor courses to avoid significant overlap with approved primary and secondary area programs.

Academic Standards

- At least C- in each course in the minor.

Minor Requirements

At least six (6) courses (minimum of 18 credits), chosen as follows:

Code	Title	Hours
Required Courses		
ENGRG 2270	Introduction to Entrepreneurship for Engineers	3
Additional Courses		
<i>Engineering Ethics</i>		
ENGRG 3600 or INFO 4301	Ethical Issues in Engineering Practice Ethics in New Media, Technology, and Communication	3
<i>History of Capitalism and Technology</i>		
HIST 2920 or HIST 3022	Inventing an Information Society	3
<i>Accounting and Finance</i>		
HADM 4211 or ORIE 3150	Financial and Managerial Accounting	3
<i>Ideation and Design Thinking</i>		
Select one of the following:		3
CHEME 4630 MAE 4340		
MSE 5070 SYSEN 5740	Interdisciplinary Design Concepts Design Thinking for Complex Systems	
<i>Capstone Entrepreneurship</i>		
BEE 4890 or ORIE 4152	Entrepreneurship for Engineers	0-3

Notes

1. Experiential Learning: Students are encouraged to consider completing a summer internship or co-op placement with an

entrepreneurial or venture capital company. Please contact the Cornell Engineering Career Center office, the Red Bear Angel Group, and the Entrepreneurship@Cornell office for assistance in finding such positions.

2. Other courses may be approved by petition in advance.

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.

Learning Outcomes

This minor focuses on giving engineering students the skills necessary to identify and evaluate opportunities and begin new business ventures. The coursework leads to an understanding and ability in intellectual property, competition, technology assessment, product development, finance, and accounting—the tools necessary to start a high technology business.