“any person . . . any study”
WELCOME TO Cornell Engineering

“I would found an institution where any person can find instruction in any study.”
—Ezra Cornell
7 Undergraduate Schools & Colleges (14,225)
7 Graduate Schools (7,500)

A True University Experience

- Unparalleled depth & breadth
- 1600 Faculty
- 100 Departments
- 80 Majors
- 6000+ Courses annually
- 40 Languages taught
- 95 Research Centers & Institutes

Undergraduate Colleges & Schools

- College of Arts & Sciences (4,110)
- College of Agriculture & Life Sciences (CALS) (3,465)
- College of Engineering (3,000)
- College of Human Ecology (1,220)
- School of Industrial & Labor Relations (ILR) (980)
- School of Hotel Administration (950)
- College of Architecture, Art, & Planning (AAP) (500)
ANY PERSON... (2015 first-year class)

- 746 students
- 38 states and 18 nations
- 48% women
- 48% multicultural students
- 9% international students
- 789 Bachelor degrees awarded in 2015
14 Undergraduate Majors

- Biological Engineering
- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Science
- Electrical & Computer Engineering
- Engineering Physics
- Environmental Engineering
- Information Science, Systems, & Technology
- Materials Science & Engineering
- Mechanical Engineering
- Operations Research & Information Engineering
- Science of Earth Systems
- Independent Major
Academic Programs

19 Undergraduate Minors

- Aerospace Engineering
- Applied Mathematics
- Biological Engineering
- Biomedical Engineering
- Business for Engineering Students
- Civil Infrastructure
- Computer Science
- Electrical & Computer Engineering
- Engineering Management
- Engineering Statistics
- Environmental Engineering
- Game Design
- Industrial Systems & Information Technology
- Information Science
- Materials Science & Engineering
- Mechanical Engineering
- Operations Research & Engineering Science
- Science of Earth Systems
- Sustainable Energy Systems
# Engineering Core Curriculum

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Sophomore</th>
<th>Junior</th>
<th>Senior</th>
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<tbody>
<tr>
<td>Math</td>
<td>Physics/Chem/Bio</td>
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<tr>
<td>Intro to Engineering</td>
<td>Intro to CS</td>
<td>Engineering Distribution</td>
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<tr>
<td>Writing Seminars</td>
<td></td>
<td></td>
<td>Approved Electives</td>
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<tr>
<td>Optional</td>
<td></td>
<td>Liberal Studies Distribution</td>
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</tbody>
</table>

**Major Requirements:**

- 48 Credit Minimum
- Tech Writing
- Core Courses + Electives

[www.engineering.cornell.edu/handbook](http://www.engineering.cornell.edu/handbook)
# Engineering Core Curriculum with Co-op

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</tbody>
</table>

Source: [www.engineering.cornell.edu/handbook](http://www.engineering.cornell.edu/handbook)
World Class Faculty

**Student & Faculty Interactions**

- Academic advisors
- Advisors to engineering student organizations
- Supervise independent studies & research projects
- Faculty accessibility

**Dedicated to Teaching Undergraduates**

- 99% of classes taught by faculty
- Student to faculty ratio is 12:1
- 75% of classes < 25 students
- National Academy of Engineering Members, MacArthur Genius Award, Faculty of the Year, Academy Award, & Turing Award winners

www.engineering.cornell.edu/research/faculty/
Hands-On Opportunities

- Interactions with faculty and alumni
- Industry connections
- Applied learning
- Function as a team
- Cutting edge innovation

- 20+ Student-led Project Teams
- Undergraduate Research Opportunities
- Kessler Fellows Program (entrepreneurship program)
- Internships & Co-ops
Engineering Student Services

- Academic advisors
- Learning Initiatives research & support programs
- Diversity Programs in Engineering (DPE)
  - Society of Women Engineers (SWE) • American Indian Science & Engineering Society (AISES)
  - National Society of Black Engineers (NSBE) • Society of Asian Scientists & Engineers (SASE)
    • Society of Hispanic Professional Engineers (SHPE) • Women in Computing (WIC)
- Co-op & Career services
- Peer tutoring
- Academic Excellence Workshops
- Engineering Leadership Program

Student Success & Wellness
Enhancing the student experience

www.engineering.cornell.edu/alumni/family/support/services.cfm
Where are They Now?
Class of 2015 Statistics

- 86% graduated with a BS in Engineering
- 10% internal transfer rate

Example Alumni Jobs: Investment Banking Analyst • Catastrophe Risk Modeler • Game Developer
• Wind Energy Analyst • Energy Engineer • Satellite Systems Engineer • Imagineer • Physician

Enter the workforce: 34%
Graduate or professional school: 60%
Other endeavors: 3%
Seeking Employment: 3%
Active Student Body

1,000+ Clubs & Student Organizations

- Fine & Performing Arts
- 37 Division I Athletic Teams
- 250+ Intramural/Club Athletic Teams
- Academic Teams
- 30+ Religious Organizations
- Cornell Daily Sun Newspaper
- Outdoor Education
- Greek System
- Community Service
- Leadership
Admissions
Common/Universal Applications & Cornell Supplement available at: www.admissions.cornell.edu

Entering class 745 (goal)

- Application submission deadline: Nov. 1
- Decision notification: around Dec. 15
- Deposit deadline: early January

- Application submission deadline: January 2
- Decision notification: around April 1
- Deposit deadline: May 1
The Right Fit
What Engineering Looks For

Review of Academics

- High school record – rigor of curriculum (AP, IB, college courses) & grade success
- High school profile & guidance counselor report
- SAT or ACT
- SAT Subject Tests (1 Math, 1 Science) - Math 1 or 2 & Biology E/M, Chemistry, or Physics

Personal Component

- 2 Teacher Evaluations
- Activities & Work
- Common/Universal Application Essay
- Cornell Engineering Essay:

  Cornell Engineering celebrates innovative problem solving that helps people, communities…the world. Consider your ideas and aspirations and describe how a Cornell Engineering education would allow you to leverage technological problem-solving to improve the world we live in.
Financing Cornell

Goal: Remove financial barriers & allow students the opportunity to invest in a Cornell education

- Need blind admissions
- Committed to meeting 100% of need
- New financial aid initiative
- [http://finaid.cornell.edu/](http://finaid.cornell.edu/) for forms (CSS Profile, FAFSA, & estimator) & information

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Deadlines

- Early Decision Applications due November 1
- Regular Decision applications due January 2

For more info see: www.finaid.cornell.edu
Contact Us
We’re Here to Help!

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www.engineering.cornell.edu
engr_admissions@cornell.edu
607.255.5008