ANY PERSON… ANY STUDY

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

- College of Arts & Sciences (4,110)
- College of Agriculture & Life Sciences (CALS) (3,465)
- **College of Engineering** (3,000)
- Cornell SC Johnson College of Business (1,685)
- Charles H. Dyson School of Applied Economics and Management (735)
- School of Hotel Administration (950)
- College of Human Ecology (1,220)
- School of Industrial & Labor Relations (ILR) (980)
- College of Architecture, Art, & Planning (AAP) (500)

### Undergraduate Colleges & Schools

- **A True University Experience**
  - Unparalleled depth & breadth
  - 1600 Faculty
  - 100 Departments
  - 80 Majors
  - 6000+ Courses annually
  - 40 Languages taught
  - 95 Research Centers & Institutes
ANY PERSON… (2016 first-year class)

- 792 students
- 37 states and 22 nations
- 48% women
- 44% multicultural students
- 12% international students
- 846 Bachelor degrees awarded in 2016
ANY STUDY...
Departments & Schools

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

www.engineering.cornell.edu/academics/departments.cfm
Academic Programs

20 Undergraduate Minors

- Aerospace Engineering
- Applied Mathematics
- Biological Engineering
- Biomedical Engineering
- Business for Engineering Students
- Civil Infrastructure
- Computer Science
- Electrical & Computer Engineering
- Engineering Entrepreneurship
- 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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</thead>
<tbody>
<tr>
<td>Math</td>
<td>Physics/Chem/Bio</td>
<td>Major Requirements: 48 Credit Minimum</td>
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<tr>
<td>Intro to Engineering</td>
<td>Intro to CS</td>
<td>Tech Writing</td>
<td>Approved Electives</td>
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<tr>
<td>Writing Seminars</td>
<td>Engineering Distribution</td>
<td>Core Courses + Electives</td>
<td>Liberal Studies Distribution</td>
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<tr>
<td>Optional</td>
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### Engineering Core Curriculum

- **Math**
- **Physics/Chem/Bio**
- **Intro to Engineering**
- **Intro to CS**
- **Writing Seminars**
- **Optional**
- **Liberal Studies Distribution**

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

<table>
<thead>
<tr>
<th>Class</th>
<th>Math</th>
<th>Science</th>
<th>Writing Seminars</th>
<th>CS/Intro Engr</th>
<th>Major Requirements</th>
<th>Liberal Studies Distribution</th>
<th>CO-OP (Sum)</th>
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</tbody>
</table>

www.engineering.cornell.edu/handbook
### 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
### 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

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[www.cornell.engineering.edu/academics/undergraduates](http://www.cornell.engineering.edu/academics/undergraduates)
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

www.engineering.cornell.edu/alumni/family/support/services.cfm
Where are They Now?
Class of 2016 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

[Chart indicating distribution of alumni:
- 63% Entering Workforce
- 31% Entering Graduate or Professional School
- 4% Seeking Graduate School Admission
- 2% Seeking Employment]
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

http://orgsync.rso.cornell.edu/
Engineering By the Numbers

Admissions
Common/Universal Applications & Cornell Supplement available at: www.admissions.cornell.edu

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

Regular Decision Application Period
- Application submission deadline: January 2
- Decision notification: around April 1
- Deposit deadline: May 1

Entering class 780 (goal)
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 for domestic students (including DACA status)
- Committed to meeting 100% of financial need
- http://finaid.cornell.edu/ for forms (CSS Profile, FAFSA, & estimator) & information

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!

Cornell Engineering
www.engineering.cornell.edu
engr_admissions@cornell.edu
607.255.5008
Thank You