



# Cornell University



## College of Engineering Information for Incoming Non-Degree Students

### ABOUT THE COLLEGE OF ENGINEERING

*"Scientists study the world as it is; engineers create the world that never has been."* Theodore von Karman

Cornell engineers challenge the status quo by breaking the rules to engineer a better world. Steeped in an environment of questioning, and with a focus on innovation, Cornell Engineering pursues excellence in all areas. Its faculty, students, and alumni design, build, and test products, improve the world of medicine, inform and shape our laws, create and drive businesses, become research luminaries, and overcome real and perceived barriers to achieve scientific breakthroughs that advance the quality of life on our planet.

Cornell has the largest and highest ranked engineering program in the Ivy League. It is the first engineering college of its size and stature to have reached gender parity among students. All faculty in the college teach and advise undergraduate students.

Of the [14 majors and 20 minors](#), all are open to exchange students except for Computer Science. Explore the options!

### ABOUT CORNELL UNIVERSITY

[Cornell](#) is the federal land-grant institution of New York State, a private endowed university, a member of the Ivy League, and a partner of the State University of New York. It has been described as the first truly American university because of its founders' revolutionarily egalitarian and practical vision of higher education, and is dedicated to its land-grant mission of outreach and public service. Founded in 1865 by Ezra Cornell and Andrew Dickson White, Cornell was intended to teach and make contributions in all fields of knowledge. These ideals are captured in Cornell's motto, a popular 1865 Ezra Cornell quotation: "I would found an institution where any person can find instruction in any study." The main campus is in [Ithaca, NY](#) in the lovely [Fingerlakes](#) region, approximately four hours "upstate" from New York City.

### IMPORTANT WEBSITES

Cornell University	<a href="http://cornell.edu">cornell.edu</a>
Office of Global Learning	<a href="http://globallearning.cornell.edu">globallearning.cornell.edu</a>
College of Engineering	<a href="http://engineering.cornell.edu">engineering.cornell.edu</a>
Undergraduate Majors <i>(not including Computer Science or Independent Major)</i>	
<a href="#">Biological Engineering</a>	<a href="#">Biochemical Engineering</a>
<a href="#">Chemical Engineering</a>	<a href="#">Civil Engineering</a>
<a href="#">Earth &amp; Atmospheric Sciences</a>	<a href="#">Electrical &amp; Computer Engineering</a>
<a href="#">Engineering Physics</a>	<a href="#">Environmental Engineering</a>
<a href="#">Information Science, Systems &amp; Technology</a>	<a href="#">Material Science &amp; Engineering</a>
<a href="#">Mechanical Engineering</a>	<a href="#">Operations Research and Engineering</a>

IMPORTANT DATES AND GENERAL DEADLINES		
Nomination Period	Fall Semester & Academic Year	February 1 – March 1
	Spring Semester	August 11 – September 1
Application Deadlines	Fall Semester & Academic Year	March 15
	Spring Semester	September 15
Visa Materials Available	Fall Semester & Academic Year	Late May
	Spring Semester	Late November
Academic Calendar	Please refer to the Cornell academic calendar for specific dates and events: <a href="http://cornell.edu/academics/calendar/">cornell.edu/academics/calendar/</a>	

COLLEGE-SPECIFIC INFORMATION	
College-specific Eligibility Requirements	Students who are nominated by their home institution must meet Cornell's requirements for academic preparation (refer to the Fact Sheet) and <a href="#">English proficiency</a> . In addition, Engineering applicants should have completed comparable coursework to the first years of a Cornell Engineering major with a minimum of 3.0 GPA on a 4.0 scale in their Engineering classes. <i>Note: Exchange students tend to be among top of the class of their respective institutions.</i>
Undergraduate Majors	Of the <a href="#">14 majors and 20 minors</a> , all are open to exchange students <u>except</u> for Computer Science. Explore the options!
Home Department/Major	Each exchange student must be accepted by an academic department within the College in Ithaca, NY. Students should have <i>significant</i> academic preparation in the discipline of their chosen major at Cornell and should take at least two courses per semester in that department. Other courses may come from across the college or university.  <b>IMPORTANT: Unfortunately, exchange students are unable to take courses in Computer Science (CS), so it is unavailable as a home department/major due to space constraints.</b> Related courses may be found in other departments (Electrical and Computer Engineering; Information Science, Systems, and Technology; or Operations Research and Information Engineering).
Course Restrictions	<b>Computer Science (CS) courses, Cornell Tech courses, and courses that are open only to MEng students will <u>not</u> be available.</b>  Pay close attention to pre-requisite courses and course restrictions listed in the course details of the Class Roster. <i>For example, students should have taken Linear Algebra and Probability/Statistics for ORIE courses.</i> Only propose courses for which you have the appropriate background.
Course Information	For semester-specific information on classes, check the <a href="#">Class Roster</a> . Course descriptions are pulled from the <a href="#">Courses of Study</a> which includes courses offered in other semesters as well.  Note: The roster for the appropriate semester may not be available at the time you are completing your application, so consult the most recent roster for the semester you plan to study at Cornell.

<p>Courses outside the College &amp; Course Load</p>	<p>Exchange students are expected to take half or more of their courses within the College of Engineering.</p> <p>Most exchange students enroll in 14-16 credits per semester. Exceeding 16 credits is not recommended for first-semester exchange students. Students must enroll in a minimum of twelve credits per semester to maintain their visa status as a full-time student.</p>
<p>Graduate Courses</p>	<p>Exchange students who have sufficient background for courses at the 5000-level and above may take graduate courses as long as they are not restricted to MEng or Cornell Tech students. Students may need to request permission from the instructor to be allowed to register for the class. <i>Students should consider carefully whether they have the relevant background before contacting faculty and proposing graduate-level work.</i></p>
<p>Independent Study/Research</p>	<p>Exchange students may request to take an independent study course with a Cornell faculty member. This is most easily arranged by full-year students in their second semester at Cornell. It cannot be assumed that a student will be able to engage in research /independent study, particularly not for a single-semester student.</p>
<p>Engineering Project Teams and Clubs</p>	<p>Engineering has many <a href="#">student clubs and organizations</a> along with the largest participation in project teams in the country. Project teams are not always open to exchange students, but full-year students may have more options. With <a href="#">1,000 student clubs</a> across the university, there is something for everyone.</p>
<p>General Advising <i>(admissions, arrival information, and non-academic questions before and after arrival)</i></p>	<p>The primary contact for exchange students is the Office of Global Learning</p>
	<p>Kristen Grace Incoming Mobility Office of Global Learning B50 Caldwell Hall Ithaca, NY 14853 Phone: (607) 255-5243 Email: <a href="mailto:incoming-mobility@globallearning.cornell.edu">incoming-mobility@globallearning.cornell.edu</a></p>
<p>Academic Advising <i>(after arrival)</i></p>	<p>For academic matters, exchange students will be assigned an advisor in the Engineering Advising Office and a faculty advisor in the primary field of study or home department/major.</p>
	<p>Engineering Advising College of Engineering Cornell University 180 Rhodes Hall Ithaca, NY 14853-7601 Phone: (607) 255-7414 Email: <a href="mailto:adv_engineering@cornell.edu">adv_engineering@cornell.edu</a></p>

FOR INFORMATION on Cost/Billing, Health Insurance, Post-Acceptance Steps and Campus Resources, see the Cornell University Exchange Fact Sheet, available from [incoming-mobility@globallearning.cornell.edu](mailto:incoming-mobility@globallearning.cornell.edu).