Bachelor of Science Degree Program
Students earn an accredited Bachelor of Science (B.S.) degree in a program that encompasses digital and computer systems, embedded processors, digital signaling processing, R.F. (wireless) systems, optical communications, atmospheric and space plasmas, solid-state electronics, integrated circuit design and fabrication, and biomedical applications such as image processing, sensors, and signal analysis. From the nanoscale level of integrated electronics to terrestrial-scale power grids, electrical and computer engineers will be at the forefront of solving issues facing society in the next generations.

Master of Engineering Degree
The program offers thorough coverage of the topics important to the field of electrical and computer engineering. The program is intended for students seeking advanced training in current technology and engineering design. The program is course intensive and requires a design project with a written report rather than a formal research thesis. Through careful and individualized curriculum planning, the program accommodates students from a wide variety of backgrounds who seek advanced training in a multiplicity of different subjects. Research areas include:

- Biological Devices & Signaling Analysis
- Space Science and Plasma Physics
- Information, Systems, and Networks
- Computer Engineering
- Devices and Electronics
- Electrical Engineering
- Biological Systems

Most Frequently Selected Fields, with average salaries

<table>
<thead>
<tr>
<th>Field</th>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology</td>
<td>$66,468</td>
<td>$80,432</td>
</tr>
<tr>
<td>Financial Services</td>
<td>$57,400</td>
<td></td>
</tr>
<tr>
<td>Education</td>
<td>$65,975</td>
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<tr>
<td>Government</td>
<td>$77,000</td>
<td>$58,000</td>
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<tr>
<td>Consulting/Professional Practice</td>
<td>$58,400</td>
<td>$64,333</td>
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<tr>
<td>Communication/Media</td>
<td>$75,000</td>
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<tr>
<td>Manufacturing</td>
<td>$55,000</td>
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</tr>
</tbody>
</table>

Sample Job Titles
- Component Design Engineer
- Hardware Engineer
- Design Engineer
- Program Manager
- Rotations Engineer
- Banking Analyst
- Communications Engineer
- Clinical Research Coordinator
- Software Engineer
- Operations Engineer
- Associate Systems Engineer

Response Rates

<table>
<thead>
<tr>
<th>Type</th>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surveyed</td>
<td>194</td>
<td></td>
</tr>
<tr>
<td>Responded</td>
<td>142</td>
<td></td>
</tr>
<tr>
<td>Bachelors</td>
<td>74</td>
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<tr>
<td>Masters</td>
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<tr>
<td>Doctoral</td>
<td>11</td>
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</tr>
</tbody>
</table>

www.engineering.cornell.edu/postgradreport
**Employers**

- Intel 6
- Lockheed Martin 5
- Cisco System 4
- Northrop Grumman 4
- Cornell University 2
- Deloitte Consulting 2
- Deutsche Bank 2
- Garmin 2
- General Electric 2
- Johns Hopkins University 2
- Lutron Electronics 2
- Oracle 2
- Raytheon 2
- Sandia National Labs 2
- Agency for Science, Technology, and Research
- Alcatel-Lucent
- American Megatrends Inc.
- Analog Devices
- ASSETT, Inc.
- BAE Systems
- Bloomberg
- Booz Allen Hamilton
- Campus Crusade for Christ
- Capital One
- Cataphora
- Cavium Networks
- Chadbourne & Parke LLP
- Charles Stark Draper Laboratory, Inc.
- Con Edison
- Eidgenossische Technische Hochschule
- EMC
- Emory University School of Medicine
- ESPN
- Jaros, Baum, and Bolles
- Jet Propulsion Laboratory
- LG Electronics
- Marconi Institute of Technology
- Microsoft
- MITRE Corporation
- NVIDIA
- QED Systems LLC
- Qualcomm, Inc.
- Ropes and Gray LLP
- Siemens AG
- Soft Servo Systems
- Southwest Power Pool
- SRC
- Stratus Technologies
- The Lucas Group
- Toyota
- TransMarket Group
- T-Rex Global, Inc.
- UBS
- United States Navy

*Bolded Employers recruited on campus; unless specified, employer hired one*

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**Salary Statistics**

(mean annual salaries, shown in US Dollars)

- **Bachelors**
  - Average: $62,934
  - Range: $67,335

- **Masters**
  - Average: $74,773
  - Range: $74,289

- **Doctoral**
  - Average: $91,278
  - Range: $99,250

**Signing Bonus**

- 39% of students reported receiving a median of $6,000

**Co-op Students 2009-2010**

- **Average**
  - Engineering: $21.39
  - Non-Engineering: $23.34

- **Range**
  - Engineering: $18.00-26.42
  - Non-Engineering: $16.99-28.00

- **Participants**
  - Engineering: 6
  - Non-Engineering: 14

**Engineering Co-op & Career Services**

201 Carpenter Hall
Ithaca, NY 14853
eng-career@cornell.edu
Phone: 607-255-5006