Bachelor of Science Degree Program
Students earn an accredited Bachelor of Science (B.S.) degree in a program that encompass digital and computer systems, embedded processors, digital signal 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 generation.

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

Most Frequently Selected Fields, with average salaries

<table>
<thead>
<tr>
<th>Field</th>
<th>Bachelors</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology</td>
<td>$72,605</td>
<td>$77,761</td>
</tr>
<tr>
<td>Financial Services</td>
<td>$62,857</td>
<td></td>
</tr>
<tr>
<td>Consulting/Professional Practice</td>
<td>$66,000</td>
<td>$84,643</td>
</tr>
<tr>
<td>Government</td>
<td>$88,750</td>
<td></td>
</tr>
<tr>
<td>Education</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Manufacturing</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

Sample Job Titles
- Core Technology Engineer
- Hardware Engineer
- Design Engineer
- Device Engineer
- Software Development Engineer
- Performance Engineer
- Financial Analyst
- Software Test Engineer
- Validation Engineer
- Implementation Engineer
- QA Engineer

Response Rates
Undergraduate 68%
Graduate 50%
Surveyed 241
Responded 142
Bachelors 80
Masters 53
Doctoral 9

www.engineering.cornell.edu/postgradreport
### Co-op Students, 2008-2009

- **Signing Bonus**: 46% of students reported receiving a median of $5,000.

### How Employment was found

- Career Services: 43%
- Internet Job Listing: 9%
- Personal Contact: 12%
- *Previous Internship*: 23%
- Other: 13%

*of these, 64% were found through career services

### Salary Statistics

*(mean annual salaries, shown in US Dollars)*

<table>
<thead>
<tr>
<th>Level</th>
<th>Average</th>
<th>Range</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelors</td>
<td>$67,335</td>
<td>$61,000 - 28.00</td>
<td>14</td>
</tr>
<tr>
<td>Masters</td>
<td>$74,289</td>
<td>$71,500 - 27.00</td>
<td>19</td>
</tr>
<tr>
<td>Doctoral</td>
<td>$99,250</td>
<td>$95,500 - 2007</td>
<td></td>
</tr>
</tbody>
</table>

### Signing Bonus

- 46% of students reported receiving a median of $5,000.

### Co-op Students, 2008-2009

- **Average**: $23.34
- **Range**: $16.99 - 28.00
- **Participants**: 14

- **Average**: $20.13
- **Range**: $14.00 - 27.00
- **Participants**: 19

### Engineering Co-op & Career Services

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