Bachelor of Science Degree Program
Students earn an accredited Bachelor of Science (B.S.) degree and
are trained in both of the major streams of mechanical engineering:
Mechanical Systems, which is concerned with the design,
analysis, testing and manufacturing of machinery, vehicles, devices
and systems, and which also includes structural analysis, dynamics,
control and materials processing.

Engineering of Fluids, Energy, and Heat-Transfer Systems,
which relate to the analysis and design of fluids/thermal systems,
and to the underlying science of fluid dynamics, heat transfer,
thermodynamics, and combustion.

Master of Engineering Degree
The Master of Engineering Degree (M.Eng.) is a flexible nine-
month program of advanced coursework and a design project.
Focus areas for the program include:
Astronautics
Dynamics, Controls and Robotics
Micro and Nanoscale Engineering
Thermal-Fluid Sciences
Embedded Systems
Mechanics of Materials
Bio-Mechanics

The program also allows for participation in one of the following
minors: Bioengineering, Engineering Management, Manufacturing,
or Systems Engineering.

Most Frequently Selected Fields, with average salaries

<table>
<thead>
<tr>
<th>Field</th>
<th>Bachelors</th>
<th>Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturing</td>
<td>$60,653</td>
<td>$65,737</td>
</tr>
<tr>
<td>Technology</td>
<td>$63,959</td>
<td>$60,717</td>
</tr>
<tr>
<td>Consulting/Professional Practice</td>
<td>$64,000</td>
<td>$78,167</td>
</tr>
<tr>
<td>Education</td>
<td>$48,500</td>
<td></td>
</tr>
<tr>
<td>Government</td>
<td>$71,667</td>
<td></td>
</tr>
<tr>
<td>Biotech/Pharmaceuticals</td>
<td>$70,000</td>
<td></td>
</tr>
</tbody>
</table>

Sample Job Titles
- Renewable Energy Engineer
- Pump and Heat Transfer Engineer
- Communications Liaison
- Mechanical Engineer
- Energy Consultant
- Structures Engineer
- Measurement While Drilling
- Field Engineer
- Thermal Engineer
- Investment Analyst

Response Rates
- Undergraduate 83%
- Graduate 58%
- Surveyed 216
- Responded 159
- Bachelors 110
- Masters 44
- Doctoral 5

www.engineering.cornell.edu/postgradreport
**Salary Statistics**

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

<table>
<thead>
<tr>
<th></th>
<th>Bachelors</th>
<th>Masters</th>
<th>Doctoral</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$62,311</td>
<td>$64,802</td>
<td>$107,667</td>
</tr>
<tr>
<td></td>
<td>$60,578</td>
<td>$69,550</td>
<td>$79,000</td>
</tr>
</tbody>
</table>

**Signing Bonus**

38% of students reported receiving a median of $4,500

**Co-op Students 2009-2010**

<table>
<thead>
<tr>
<th>Average</th>
<th>Range</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>$18.35</td>
<td>$15-25.50</td>
<td>13</td>
</tr>
<tr>
<td>$19.227</td>
<td>$17-23.00</td>
<td>14</td>
</tr>
</tbody>
</table>

**Geographic Location of Employed Graduates**

![Geographic Location Map]

**How Employment was Found**

- Internet Job Listing 30%
- Career Services 35%
- Previous Internship 18%
- Personal Contact 16%
- Other 1%

**Employers**

- Schlumberger
- General Electric
- Stroud Consulting
- Lockheed Martin
- Pratt & Whitney
- Bechtel
- Boeing
- Booz Allen Hamilton
- Cornell University
- General Motors
- Raytheon
- Sensata Technologies
- Space Systems/Loral
- Antares Group Inc.
- BAE Systems
- Baker Hughes
- Ballard Power Systems
- Bloom Energy
- Cobalt Corporation
- Capital City Nurses
- Citi
- City of New York
- Constellation Energy
- Cool Earth Solar, Inc
- Demand Management Institute
- Dominion Engineering
- Energy for America
- Epic Systems
- EV3
- ExxonMobil
- Google
- Heller Industries
- IBM
- Johns Hopkins University/APL
- KDI Automation Solutions
- Kraft and Kennedy
- Mantech International Corp
- Marlo Manufacturing
- McKinsey & Company
- Mercury Solar Systems
- Missile Defense Agency
- Navigant Consulting
- Norfolk Naval Shipyard
- Northern Power Systems
- Northrop Grumman
- Oilmax Energy PVT
- Omniprobe, Inc.
- Orbital Sciences Corporation
- Plainfield First Church of God
- Procter & Gamble
- Prudential Financial
- Quest Global Services
- Servo Tech
- TASC
- Taclair Fluid Controls
- Telacoustics
- United States Air Force
- United States Navy
- Universidade Federal de Santa
- Varian Semiconductor Equipment

*Bolded employers recruited on campus: unless specified, employer hired one

**Engineering Co-op & Career Services**

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