Bachelor of Science Degree Program
Graduates earn an accredited Bachelor of Science (B.S.) degree with a physics base as well as firm background in engineering and applied sciences. Students typically pursue careers in research and/or development in applied physics, advanced technology, or engineering. The distinguishing feature of the program is a focus on the fundamentals of physics and mathematics, both experimental and theoretical, that have broad applicability, and supplemented engineering and design classes.

Master of Engineering Degree
This two semester professional master’s degree offers advanced study and training in Applied and Engineering Physics. The goal is to prepare students for cutting-edge industrial and research positions. It combines an interdisciplinary engineering curriculum with a research or design project focused on applying physics to scientific and technological problems. The curriculum is tailored to fit the needs of individual students, drawing on classes from across the engineering college, and the project offers an opportunity for independent research under the supervision of leading scientists and engineers.

Specialty areas of research include:
- Biophysics and biotechnology
- Condensed matter and materials physics
- Computation and simulation of physical processes
- Energy, fusion and plasma research
- Instrumentation and detectors for optical, infrared and astronomical applications
- Semiconductor physics and design
- Optics, photonics and optoelectronics
- Nanotechnology & nanocharacterization
- Micro-Electro-Mechanical Systems (MEMS)

Post Graduate Activities

<table>
<thead>
<tr>
<th>Bachelors Degree Recipients</th>
<th>Masters Degree Recipients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employed 24%</td>
<td>Employed 33%</td>
</tr>
<tr>
<td>Graduate School 70%</td>
<td>Pursue Ph.d. 67%</td>
</tr>
</tbody>
</table>

50% Technology
17% Financial Services
13% Government
50% Education
13% Business

Most Frequently Selected Fields, with average salaries

- Technology: 50%, $64,250
- Financial Services: 17%
- Government: 17%
- Education: 25%
- Business: 13%
- Other: 50%

Response Rates

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>76%</td>
<td>31%</td>
</tr>
</tbody>
</table>

Surveyed: 71
Responded: 42
Bachelors: 34
Masters: 3
Doctoral: 5

www.engineering.cornell.edu/postgradreport
Geographic Location of Employed Graduates

The Engineering Physics program at Cornell was recognized in the 2008 edition of the US News and World Report as the #1 ranked engineering physics/engineering science undergraduate program in the nation for the fourth consecutive year.

Employers

Epic Systems 2
Analog Systems
Cornell University
Johns Hopkins University/APL
Microsoft
Mitre
UBS

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

How Employment was Found

Career Services 46%
Internet Job Listing 31%
Previous Internship 15%
Personal Contact 8%

Salary Statistics

(mean annual salaries, shown in US Dollars)
Bachelors
$65,143

Signing Bonus
12% of students reported receiving a median of $9,000

Co-op Students 2010-2011

Average
$18.08
$20.48

Range
$15-20.00
$17-27.88

Participants
6
8
2009

Graduate Schools Accepted to

Cornell University 16
Columbia University
Harvard University
King’s College
Massachusetts Institute of Technology
Stanford University
University of California—San Diego
University of Michigan—Ann Arbor

Engineering Co-op & Career Services

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