Cornell University
College of Engineering

2010

School of
Electrical and Computer Engineering

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 na-noscale 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

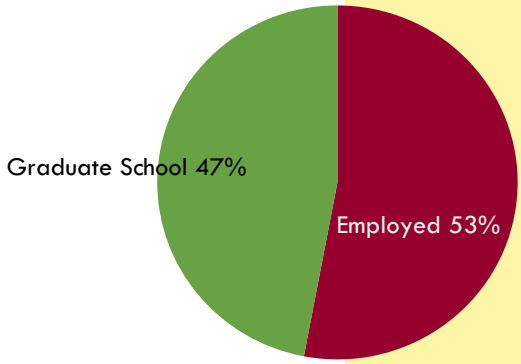
The program offers thorough coverage of the topics important to the field of electrical and computer engineering. The program is intended for students seeking advanced training in current technology and engineering design. The program is course intensive and requires a design project with a written report rather then 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:

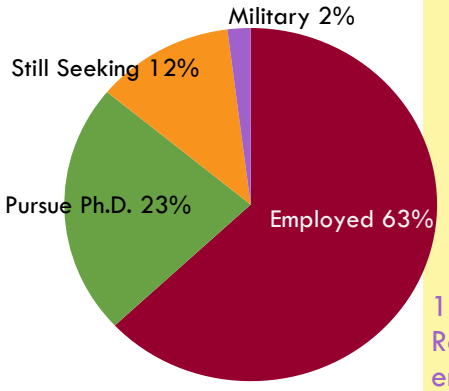
- Biological Devices & Signaling Analysis
- Space Science and Plasma Physics
- Information, Systems, and Networks
- Computer Engineering
- Devices and Electronics

Post Graduate Activities

Bachelors Degree Recipients

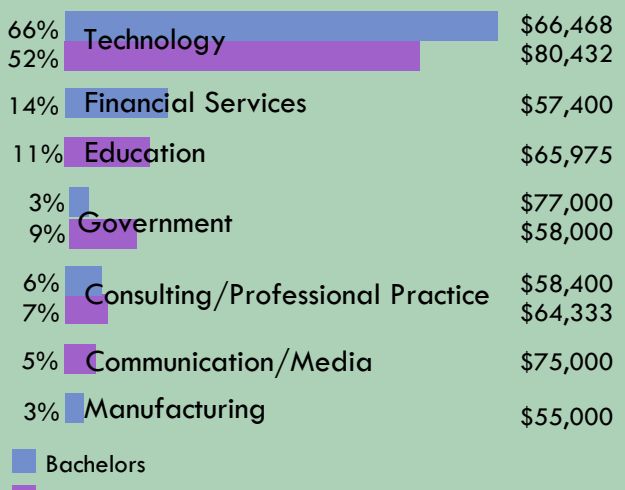


Masters Degree Recipients



100% of PhD Respondents are employed

Most Frequently Selected Fields, with average salaries



Sample Job Titles

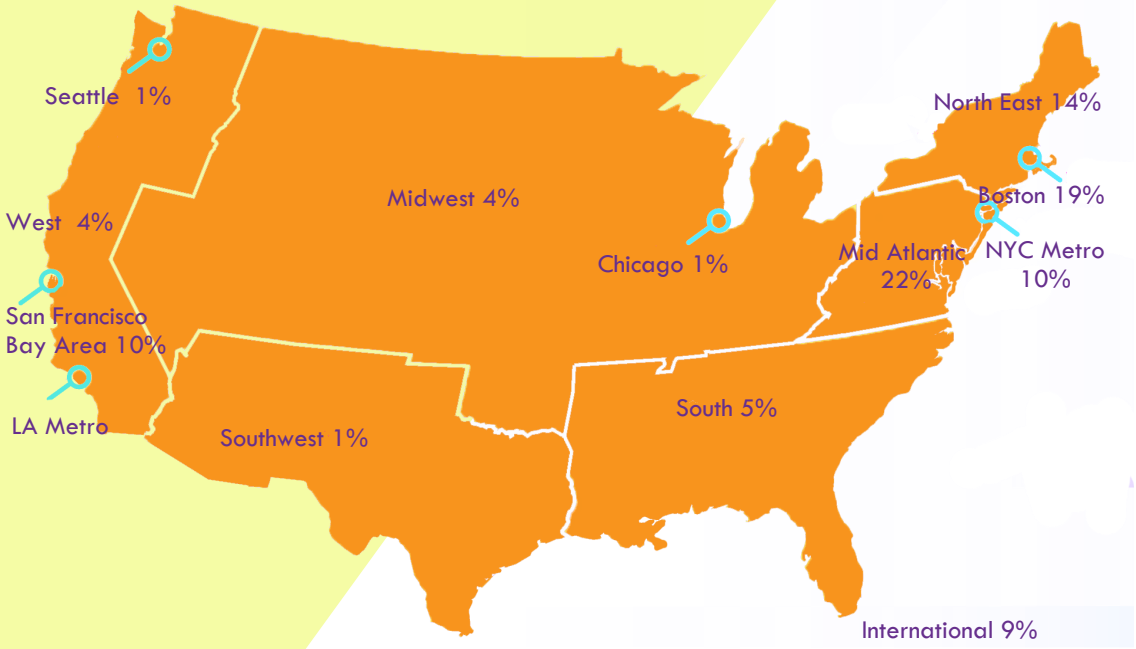
- Component Design Engineer
- Hardware Engineer
- Design Engineer
- Program Manager
- Rotations Engineer
- Banking Analyst
- Communications Engineer
- Clinical Research Coordinator
- Software Engineer
- Operations Engineer
- Associate Systems Engineer

Response Rates

Undergraduate	80%
Graduate	67%
Surveyed	194
Responded	142
Bachelors	74
Masters	57
Doctoral	11

www.engineering.cornell.edu/postgradreport

Geographic Location of Employed Graduates



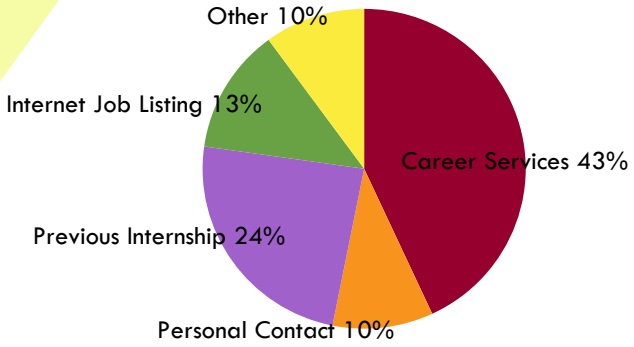
Employers

Intel	6
Lockheed Martin	5
Cisco Systems	4
Northrop Grumman	4
Cornell University	2
Deloitte Consulting	2
Deutsche Bank	2
Garmin	2
General Electric	2
Johns Hopkins University/APL	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*

How Employment was Found



Salary Statistics

(mean annual salaries, shown in US Dollars)

Bachelors	Masters	Doctoral	
$70,055	$76,527	$93,286	
$62,934	*$74,773*	*$91,278*	*2009*

Signing Bonus

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

Co-op Students 2009-2010

Average	Range	Participants	
$20.26	$15-24.17	11	
$21.39	*$18-26.42*	*6*	*2009*

Engineering Co-op & Career Services

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