Bachelor of Engineering

The Information Science Systems and Technology (ISST) major studies the design and management of complex information systems. Rather than focusing on the computing and communication technologies that underlie digital information systems, the ISST major emphasizes information systems engineering in broad application contexts, where issues at the confluence of information science, technology, and management are the primary concerns.

The core courses in the field provide students with a grounding in operations research modeling techniques of probability, statistics, and optimization; computer science; economics; and the social and organizational contexts in which transformative information systems exist. Students then choose one of two specializations: Management Science (MS) or Information Science (IS).

The Management Science option educates students in methods for quantitative decision making and their application to Information Technology, as well as the broader role that Information Technology plays in making these methods effective. Management Science students take advanced courses in Mathematical Models in Management Science, Information Systems, Mathematical Modeling in IT, and Information Technology Management Solutions.


Postgraduate Activities

Graduate School 10%
Employed 90%

Most Frequently Selected Fields, with average salaries

<table>
<thead>
<tr>
<th>Field</th>
<th>Average Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology</td>
<td>$77,250</td>
</tr>
<tr>
<td>Consulting/Professional Practice</td>
<td>$62,500</td>
</tr>
<tr>
<td>Financial Services</td>
<td>-</td>
</tr>
<tr>
<td>Insurance</td>
<td>-</td>
</tr>
</tbody>
</table>

Sample Job Titles

N. County Operations Crew
Software Engineer
Business Tech Analyst
Assoc. in Tech Consulting
Solution Engineer
Actuarial Analyst
Software Design Engineer
Research Analyst
Test Engineer

Response Rates

Response Rate 63%
Surveyed 16
Responded 10

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

- San Francisco Bay Area: 11%
- West: 11%
- LA Metro: 11%
- Southwest: 17%
- South: 11%
- Midwest: 11%
- Chicago: 11%
- Mid Atlantic: 11%
- Boston: 22%
- NYC Metro: 22%
- Northeast: 11%

### How Employment was found

- Internet Job Listing: 22%
- Career Services: 34%
- Previous Internship: 22%
- Personal Contact: 22%

### Salary Statistics

- Bachelors: $68,500, $57,000 (2007)

### Signing Bonus

- 75% of students reported receiving a median of $7,500

### Employers

- Endeca Technologies: 2
- Adirondak Mt Club
- Apple
- Deloitte Consulting
- Insurance Services Office
- Microsoft
- NERA Economic Consulting
- UBS

*unless specified, employer hired one*

### For More Information

[www.infosci.cornell.edu](http://www.infosci.cornell.edu)