Bachelor of Science Degree Program
Operations Research Engineering (ORE) emphasizes optimizing organizational and system performance using advanced analytical methods to help make better decisions. OR is used in many different industry segments, from health care to logistics to financial services, as well as different business functions from finance to manufacturing and marketing. Companies participating in ORE courses, projects, and research provide Co-op and internship assignments mutually beneficial to both the sponsoring organization and the student.

Master of Engineering Degree
The Master of Engineering Degree (M.Eng.) is a nine-month professionally oriented program that builds on traditional math, scientific, and engineering skills and concentrates on the application of these skills to practical problems. A third semester is possible for some students depending on their undergraduate degree and M.Eng. specialty (notably for the financial engineering option).

Special areas of research include:

- Algorithms
- Applied Probability
- Information Technology Modeling
- Network Design & Analysis
- Supply Chain Management
- Data Mining
- Financial Engineering
- Optimization
- Public Health Logistics
- Statistics

Most Frequently Selected Fields, with average salaries

<table>
<thead>
<tr>
<th>Field</th>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial Services</td>
<td>$60,231</td>
<td>$78,889</td>
</tr>
<tr>
<td>Consulting/Professional Practice</td>
<td>$63,350</td>
<td>$74,000</td>
</tr>
<tr>
<td>Technology</td>
<td>$53,250</td>
<td>$69,000</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>$57,667</td>
<td>$65,667</td>
</tr>
<tr>
<td>Education</td>
<td>$53,250</td>
<td>$69,000</td>
</tr>
<tr>
<td>Retail</td>
<td>$57,667</td>
<td>$65,667</td>
</tr>
</tbody>
</table>

Sample Job Titles
- Consulting Analyst
- Product Management Associate
- Risk and Quantitative Analyst
- Data Analyst
- Financial Management Program Associate
- Global Markets Analyst
- Information Technology Leadership Director
- Investment Banking Analyst
- Support Engineer

Response Rates
- Undergraduate: 66%
- Graduate: 45%
- Surveyed: 184
- Responded: 102
- Bachelors: 61
- Masters: 40
- Doctoral: 1

Post Graduate Activities

- Bachelor's Degree Recipients
  - Employed: 62%
  - Still Seeking: 3%
  - Other: 2%

- Master's Degree Recipients
  - Employed: 83%
  - Still Seeking: 6%
  - Other: 3%

100% of PhD Respondents are employed
**Geographic Location of Employed Graduates**

- **North East**: 45%
- **NYC Metro**: 45%
- **South**: 1%
- **Southwest**: 1%
- **Mid Atlantic**: 16%
- **Midwest**: 4%
- **Chicago**: 7%
- **LA Metro**: 25%
- **San Francisco Bay Area**: 6%
- **Seattle**: 1%
- **West**: 1%
- **East**: 14%
- **International**: 14%

**How Employment was Found**

- Career Services: 54%
- Internet Job Listing: 13%
- Previous Internship: 14%
- Personal Contact: 14%
- Other: 5%

**Salary Statistics**

<table>
<thead>
<tr>
<th>Level</th>
<th>Average</th>
<th>Range</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor</td>
<td>$60,177</td>
<td>$17-26.79</td>
<td>8</td>
</tr>
<tr>
<td>Master</td>
<td>$72,327</td>
<td>$19.5-23.9</td>
<td>7</td>
</tr>
<tr>
<td>Doctoral</td>
<td>$87,667</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Signing Bonus**

52% of students reported receiving a median of $8,000

**Co-op Students 2009-2010**

<table>
<thead>
<tr>
<th>Average</th>
<th>Range</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>$21.94</td>
<td>$17-26.79</td>
<td>8</td>
</tr>
<tr>
<td>$21.39</td>
<td>$19.5-21.39</td>
<td>7</td>
</tr>
</tbody>
</table>

**Employers**

- Archelon
- Capgemini
- Accenture
- Barclays Capital
- Bloomberg
- Capital One
- Deloitte Consulting
- Goldman Sachs
- IBM
- Oppenheimer & Co. Inc.
- A.T. Kearny
- Agilane LLC
- Alarm.com
- Algorithmics
- American Express
- Anheuser-Busch
- Autonomy Corporation
- Benchmark Solutions
- Blackrock
- Carmax
- Cayuga Capital Partners
- Concurrent Technologies
- Epic Systems
- Ernst & Young
- Fannie Mae
- First New York Securities
- Galletas Puig
- General Electric
- Google
- Gotham Consulting Partners
- IMC Chicago
- IPREO
- IQOR US Inc.
- Johnson & Johnson
- JP Morgan Chase
- LG Chemical
- LG Electronics
- Logistics Management Institute
- LPS Empower LLP
- Massachusetts Institute of Tech.
- MedCo Health Solutions
- Michael Allen Company
- Microsoft
- Milliman
- Morgan Stanley
- Next Jump
- Northern Trust
- Oliver Wyman
- Opera Solutions
- Optiver
- PepsiCo
- Red Digital Cinema
- Rosette Consulting
- Sears Holdings Corporation
- Teach for America
- Vistaprint
- Walt Disney Company
- ZS Associates

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