Overview

Each year Career Services surveys the SEAS graduating class to gather information about their post-graduation plans. This report summarizes the responses from August and December 2013, May 2014 BSE and BAS degree recipients. The school awarded 363 undergraduate degrees. Career Services received 353 responses, representing a 97.2% response rate.

The top industry in which graduates accepted positions is technology which posted a 9.4% increase over last year. Manufacturing, consulting and financial services also continue to be popular industries for our students, however each saw a decrease in accepted positions.

The overall average salary of the employed respondents rose by 3.7% to $75,033 and more than 100 students reported receiving a sign-on bonus. As expected, engineers have the highest reported average starting salary of all Bachelor’s level students at Penn and a higher average salary than the national average for engineers. The average salary of Penn Engineering majors (not including computer science related) was $68,464 compared to the national average of $62,891. Graduates in computer related majors at Penn averaged $85,249 compared to the national average of $62,103 for graduates with computer related degrees. The national averages are provided by the National Association of Colleges and Employers, NACE Salary Survey, September 2014 Executive Summary.

Full-time employed engineers had an average of 4 job offers which was nearly twice as many as last year, and 61% accepted positions in the Mid-Atlantic or Northeast regions, a 2% increase over last year. The leading areas of study for students going to graduate school were 74.6% in engineering, 13.7% in medicine (a 7.7% increase over last year), and nearly 6% in the sciences.

Rosette Pyne, Senior Associate Director
February 2015
METHODOLOGY
Engineering students graduating with either a BAS or BSE degree in August 2013, December 2013 and May 2014 responded to several email requests to complete the Career Plans Survey on line between April and November 2014. The SEAS Academic Programs Office sent an email to the graduating students asking them to complete the survey as part of the graduation process. In November a friendly request (email and phone) was made to students who had not responded to earlier requests or who had previously indicated they were still seeking employment or graduate school admission. A search of LinkedIn was accessed to find or identify any updated information from those who had not responded to all requests; and this information was used if subsequent follow-up was verified by the graduate.

SECTION 1 – PURSUITS

<table>
<thead>
<tr>
<th>Plan</th>
<th>Responses</th>
<th>2013-2014 %</th>
<th>2012-2013 %</th>
<th>2011-2012 %</th>
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<tbody>
<tr>
<td>Full-time Employment</td>
<td>241</td>
<td>68.3</td>
<td>71.9</td>
<td>67.8</td>
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<tr>
<td>Self-Employed</td>
<td>4</td>
<td>1.1</td>
<td>3.1</td>
<td>1.5</td>
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<tr>
<td>Attending Full-Time Graduate School</td>
<td>70</td>
<td>19.9</td>
<td>19.4</td>
<td>21.1</td>
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<tr>
<td>Seeking Full-time Employment</td>
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<td>4.0</td>
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<td>4.8</td>
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<tr>
<td>Seeking Graduate School Admission</td>
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<td>1.7</td>
<td>0.0</td>
<td>2.1</td>
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<tr>
<td>Other</td>
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<td>1.1</td>
<td>0.0</td>
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<td>Post-Baccalaureate Studies</td>
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<td>1.1</td>
<td>.6</td>
<td>1.2</td>
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<tr>
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<td>5</td>
<td>1.4</td>
<td>0.0</td>
<td>1.5</td>
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<tr>
<td>Continuing Current Employment</td>
<td>5</td>
<td>1.4</td>
<td>0.0</td>
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<td><strong>TOTAL</strong></td>
<td><strong>353</strong></td>
<td><strong>100.0</strong></td>
<td><strong>100.0</strong></td>
<td><strong>100.0</strong></td>
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SECTION 2 - ANALYSIS OF EMPLOYED RESPONDENTS

<table>
<thead>
<tr>
<th>Number Accepted</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Accenture</td>
</tr>
<tr>
<td>7</td>
<td>Amazon, Goldman Sachs, Google, Microsoft</td>
</tr>
<tr>
<td>5</td>
<td>Schlumberger</td>
</tr>
<tr>
<td>3</td>
<td>BlackRock, Credit Suisse, IBM, JP Morgan, Morgan Stanley, United States Navy</td>
</tr>
<tr>
<td>2</td>
<td>Anheuser-Busch InBev, Barclays, Blackstone, Booz Allen Hamilton, Campbell Alliance, Epic Systems, Evercore Partners, ExxonMobil, LinkedIn, Lockheed Martin, Moelis &amp; Company, PricewaterhouseCoopers, Silver Lake Partners, Space Exploration Technologies, Thrillist Media Group, University of Pennsylvania, Yahoo</td>
</tr>
</tbody>
</table>

Geographic Distribution of Jobs

<table>
<thead>
<tr>
<th>Area</th>
<th>Number</th>
<th>Percent %</th>
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<tbody>
<tr>
<td>United States</td>
<td>9</td>
<td>4</td>
</tr>
<tr>
<td>Northeast</td>
<td>139</td>
<td>57</td>
</tr>
<tr>
<td>Mid-Atlantic</td>
<td>11</td>
<td>4</td>
</tr>
<tr>
<td>Southeast</td>
<td>10</td>
<td>4</td>
</tr>
<tr>
<td>Midwest</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>Southwest</td>
<td>49</td>
<td>20</td>
</tr>
<tr>
<td>West</td>
<td>14</td>
<td>6</td>
</tr>
<tr>
<td>Northwest</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>*Abroad</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>244</strong></td>
<td><strong>100.0%</strong></td>
</tr>
</tbody>
</table>

31% of students received their job offer before returning for their Senior year
89% received their job offer by Graduation*

*Germany, Hong Kong, Panama, Singapore, Switzerland
On-Campus Recruiting Interview Activity
Total Number of Employers: 390
Total Number of Scheduled Interviews: 11,167

Range and Average Number of Interviews per Employed Student

<table>
<thead>
<tr>
<th>Event</th>
<th>Range</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-Campus Recruiting Interviews</td>
<td>1 - 40</td>
<td>6.4</td>
</tr>
<tr>
<td>Interviews Resulting from Career Services Leads</td>
<td>1 - 20</td>
<td>3.1</td>
</tr>
<tr>
<td>Interviews on Their Own</td>
<td>1 - 30</td>
<td>4.2</td>
</tr>
<tr>
<td><strong>All Interviews Combined</strong></td>
<td><strong>1 - 40</strong></td>
<td><strong>8.1</strong></td>
</tr>
</tbody>
</table>

Range and Average Number of Job Offers Received Per Student

<table>
<thead>
<tr>
<th>Source</th>
<th>Range</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-Campus Recruiting Offers</td>
<td>1 - 12</td>
<td>2.1</td>
</tr>
<tr>
<td>Career Services Offers (Career Day, PennLink)</td>
<td>1 - 4</td>
<td>1.5</td>
</tr>
<tr>
<td>Offers from sources other than OCRS and Career Services</td>
<td>1 - 8</td>
<td>1.8</td>
</tr>
<tr>
<td><strong>All Offers Combined</strong></td>
<td><strong>1 - 20</strong></td>
<td><strong>4.2</strong></td>
</tr>
</tbody>
</table>

How Full-time Employed Respondents Received Their Job Offer

<table>
<thead>
<tr>
<th>Source</th>
<th>Percent %</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-Campus Recruiting (OCR)</td>
<td>30</td>
</tr>
<tr>
<td>Previous OCR Employer (summer internship obtained through OCR, resulting in full-time offer)</td>
<td>15</td>
</tr>
<tr>
<td>Other Career Services Leads (career fairs, job postings, meet &amp; greet events, programs)</td>
<td>12</td>
</tr>
<tr>
<td>Contacts</td>
<td>12</td>
</tr>
<tr>
<td>Department</td>
<td>1</td>
</tr>
<tr>
<td>Previous Non-OCR Employer (summer internship not obtained through OCR, resulting in full-time offer)</td>
<td>10</td>
</tr>
<tr>
<td>Applied Directly to Organization</td>
<td>16</td>
</tr>
<tr>
<td>Other</td>
<td>4</td>
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</table>

Average Starting Salary by Year

68% of the employed students reported their salaries.
The salary range for 2014 was $29,000 - $150,000.

Average Bonus Figure

<table>
<thead>
<tr>
<th>Bonus Type</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Sign-on Bonus</td>
<td>$10,701 (based on 106 responses)</td>
</tr>
<tr>
<td>Annual Bonus</td>
<td>85 graduates reported that they expect to receive an Annual Bonus</td>
</tr>
</tbody>
</table>
# Average Salary by Major

<table>
<thead>
<tr>
<th>Major**</th>
<th>Surveys with Salaries</th>
<th>Average Salary</th>
<th>Range</th>
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</thead>
<tbody>
<tr>
<td>Applied Science</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biomedical Science</td>
<td>3</td>
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<td>*</td>
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<tr>
<td>Computer Science</td>
<td>24</td>
<td>$78,146</td>
<td>$50,000 - $112,000</td>
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<tr>
<td>Individualized</td>
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<td>*</td>
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<tr>
<td>Bioengineering</td>
<td>19</td>
<td>$61,684</td>
<td>$29,000 - $87,000</td>
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<tr>
<td>Chemical &amp; Biomolecular Eng.</td>
<td>17</td>
<td>$72,412</td>
<td>$60,000 - $97,000</td>
</tr>
<tr>
<td>Computer Engineering</td>
<td>6</td>
<td>$77,667</td>
<td>$55,000 - $110,000</td>
</tr>
<tr>
<td>Computer Science</td>
<td>27</td>
<td>$90,111</td>
<td>$50,000 - $115,000</td>
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<tr>
<td>Digital Media Design</td>
<td>11</td>
<td>$92,953</td>
<td>$48,000 - $131,981</td>
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<tr>
<td>Electrical Engineering</td>
<td>12</td>
<td>$74,792</td>
<td>$61,000 - $95,000</td>
</tr>
<tr>
<td>Materials Science &amp; Eng.</td>
<td>6</td>
<td>$67,116</td>
<td>$35,000 - $100,000</td>
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<tr>
<td>Mechanical Eng. &amp; Applied Mechanics</td>
<td>23</td>
<td>$69,330</td>
<td>$54,000 - $150,000</td>
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<tr>
<td>Systems Science &amp; Eng.</td>
<td>25</td>
<td>$67,640</td>
<td>$40,000 - $90,000</td>
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<tr>
<td>SEAS – Single Degree</td>
<td>104</td>
<td>$73,931</td>
<td>$29,000 – $150,000</td>
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<tr>
<td>SEAS/CAS – Dual Degree</td>
<td>4</td>
<td>$83,000</td>
<td>$70,000 – $100,000</td>
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<tr>
<td>SEAS/WH – Dual Degree</td>
<td>51</td>
<td>$76,368</td>
<td>$32,000 – $112,000</td>
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<tr>
<td>SEAS/SEAS Dual Degree</td>
<td>15</td>
<td>$74,933</td>
<td>$55,000 – $110,000</td>
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*Salary/Salaries not reported to maintain confidentiality

## Average Salary by Gender

<table>
<thead>
<tr>
<th>Degrees</th>
<th>Salary</th>
<th># of Respondents</th>
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<tr>
<td><strong>SEAS Only</strong></td>
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</tr>
<tr>
<td>Female</td>
<td>$73,248</td>
<td>47</td>
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<tr>
<td>Male</td>
<td>$76,033</td>
<td>57</td>
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<tr>
<td><strong>SEAS/CAS</strong></td>
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<td>Female</td>
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<tr>
<td>Male</td>
<td>*</td>
<td>3</td>
</tr>
<tr>
<td><strong>SEAS/WH</strong></td>
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<tr>
<td>Female</td>
<td>$76,727</td>
<td>11</td>
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<tr>
<td>Male</td>
<td>$76,675</td>
<td>40</td>
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<tr>
<td><strong>2 SEAS</strong></td>
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<tr>
<td>Female</td>
<td>$69,571</td>
<td>7</td>
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<tr>
<td>Male</td>
<td>$79,625</td>
<td>8</td>
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*Salary/Salaries not reported to maintain confidentiality
### Average Salary by Job Type

<table>
<thead>
<tr>
<th>Job Type</th>
<th># of Respondents</th>
<th>Average Salary</th>
<th>Range</th>
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<tbody>
<tr>
<td><strong>Consulting</strong></td>
<td></td>
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</tr>
<tr>
<td>Research</td>
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<td>*</td>
</tr>
<tr>
<td>Technical/Information Systems</td>
<td>18</td>
<td>$74,861</td>
<td>$52,000 - $100,000</td>
</tr>
<tr>
<td>Management/Strategy</td>
<td>15</td>
<td>$69,733</td>
<td>$54,000 - $75,000</td>
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<td><strong>Education</strong></td>
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<tr>
<td>Teaching</td>
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<td>*</td>
</tr>
<tr>
<td><strong>Energy/Environment</strong></td>
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<td></td>
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<tr>
<td>Exploration &amp; Production</td>
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<tr>
<td>Research &amp; Management</td>
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<td><strong>Engineering</strong></td>
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<td>Construction</td>
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<td>Design</td>
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<td>Manufacturing/Production</td>
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<td>$55,000 - $67,000</td>
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<td>Research &amp; Development</td>
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<td>Systems</td>
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<td>$55,000 - $80,000</td>
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<td>Project Management</td>
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<td>$35,000 - $86,000</td>
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<td><strong>Finance</strong></td>
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<tr>
<td>Financial Planning &amp; Analysis</td>
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<td>*</td>
<td>*</td>
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<tr>
<td>Investment Mgmt./Counsel</td>
<td>7</td>
<td>$73,571</td>
<td>$70,000 - $100,000</td>
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<tr>
<td>Investment Banking Analyst</td>
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<td>$70,952</td>
<td>$65,000 - $80,000</td>
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<tr>
<td>Private Equity Analyst</td>
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<td>Securities Research Analyst</td>
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<td>*</td>
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<tr>
<td>Venture Capital Analyst</td>
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<td>*</td>
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<tr>
<td><strong>Information Technology</strong></td>
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<tr>
<td>Software Developer/Engineer</td>
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<td>$92,681</td>
<td>$50,000 - $131,981</td>
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<tr>
<td>Systems Engineer/Analyst</td>
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<td>*</td>
</tr>
<tr>
<td>Technology Analyst</td>
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<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Job Type</td>
<td># of Respondents</td>
<td>Average Salary</td>
<td>Range</td>
</tr>
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<td>------------------</td>
<td>----------------</td>
<td>----------------</td>
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<tr>
<td><strong>Information Technology (Continued)</strong></td>
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</tr>
<tr>
<td>Technical Artist/Game Developer</td>
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<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Program Manager</td>
<td>5</td>
<td>$104,200</td>
<td>$95,000 - $112,000</td>
</tr>
<tr>
<td>Data Analyst/Administrator</td>
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<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Management/Administration</strong></td>
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</tr>
<tr>
<td>General Management</td>
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<td>*</td>
</tr>
<tr>
<td>Operations</td>
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<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Entrepreneur/Founder</td>
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<td>*</td>
<td>*</td>
</tr>
<tr>
<td><strong>Marketing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buyer/Merchandising</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Marketing Analysis/Research</td>
<td>2</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Marketing Sales/Sales Account Mgmt.</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Product Brand Management</td>
<td>5</td>
<td>$73,900</td>
<td>$55,000 - $97,000</td>
</tr>
<tr>
<td><strong>Real Estate</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investment Analyst</td>
<td>1</td>
<td>*</td>
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</tr>
<tr>
<td><strong>Scientific Research</strong></td>
<td></td>
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<tr>
<td>Biomedical</td>
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</tr>
<tr>
<td>Psychology</td>
<td>1</td>
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* Salary/salaries not reported to maintain confidentiality
Average Salary by Industry

<table>
<thead>
<tr>
<th>Industry</th>
<th># of Respondents</th>
<th>Average Salary</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Media/Entertainment</td>
<td>5</td>
<td>$70,900</td>
<td>$48,000 - $87,500</td>
</tr>
<tr>
<td>Consulting</td>
<td>32</td>
<td>$70,078</td>
<td>$52,000 - $100,000</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elementary/Secondary</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Research Labs/Centers Higher Education</td>
<td>2</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Energy/Natural Resources/Utilities</td>
<td>9</td>
<td>$69,444</td>
<td>$60,000 - $97,000</td>
</tr>
<tr>
<td>Financial Services</td>
<td>44</td>
<td>$72,795</td>
<td>$55,000 - $100,000</td>
</tr>
<tr>
<td>Healthcare: Hospital</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Insurance</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Manufacturing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aerospace</td>
<td>7</td>
<td>$63.599</td>
<td>$60,000 - $75,000</td>
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<td>Electronics/Robotics</td>
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<td>Consumer Products – household, personal care/food, etc.</td>
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<td>*</td>
<td>*</td>
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<tr>
<td>Biomedical Products/Pharmaceuticals</td>
<td>3</td>
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<td>*</td>
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<td>Other Manufacturing</td>
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<td>$67,600</td>
<td>$59,000 - $78,000</td>
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<tr>
<td>Real Estate/Construction</td>
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<tr>
<td>Technology</td>
<td>50</td>
<td>$92,109</td>
<td>$60,000 - $150,000</td>
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<td>Other</td>
<td>4</td>
<td>$57,625</td>
<td>$50,000 - $72,500</td>
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* Salary/salaries not reported to maintain confidentiality
All Employed Respondents by Job Type
(with Engineering Breakdown)

- Consulting: 9%
- Consulting Tech/Info Systems: 10%
- Energy Exploration & Production: 2%
- Energy Management & Policy: 1%
- Finance: 19%
- Entrepreneur: 2%
- Government: 1%
- Information Technology: 26%
- Management: 2%
- Marketing: 4%
- Other: 1%
- Education: 1%
- Real Estate: 1%
- Scientific Research: 4%
- Systems: 14%
- Testing: 2%
- Construction: 2%
- Research & Development: 22%
- Project Management: 19%
- Design: 24%
- Manufacturing & Production: 17%
- Manufacturing & Production: 17%
- Engineering: 17%
- Other: 1%
- Other: 1%
- Other: 1%
- Other: 1%
- Other: 1%
- Other: 1%
All Employed Respondents by Industry
(with Manufacturing Breakdown)

- Technology: 30%
- Consulting: 18%
- Financial Services: 22%
- Communications: 2%
- Energy/Natural Resources/Utilities: 4%
- Education: 3%
- Government: 1%
- Healthcare: 2%
- Insurance: 1%
- Real Estate & Construction: 2%
- Other: 3%
- Manufacturing: 12%
- Aerospace: 30%
- Biomedical/Pharma: 17%
- Consumer Products: 13%
- Electronics/Robotics: 20%

Other: 20%
Employers Reported by Major

ENGINEERING SINGLE DEGREES

Applied Science-Biomedical Science
Epic Systems, Verona, WI, Technical Services Analyst
Hanover Research, Washington, D.C., Title not provided

Applied Science – Computer Science
Deloitte, Washington, D.C., Business Technology Analyst
Medium, San Francisco, CA, Software Engineer
Microsoft, Redmond, WA, Product Marketing Manager
Silver Point Capital, Greenwich, CT, Junior Analyst

Bioengineering
Accenture, Philadelphia, PA, Analyst
Accenture, San Francisco, CA, Management Consulting Analyst
American Bionostica, Swedesboro, NJ, QC/Product Development Engineer
Boston Consulting Group, Chicago, IL, Associate
Century 21, Birdsboro, PA, Realtor
Children's Hospital of Philadelphia, Philadelphia, PA, Clinical Research Coordinator
Cornell Weill Medical College, New York, NY, Data Control Assistant
Drop Diagnostics, Philadelphia, PA, CTO
eMarkter, New York, NY, Client Engagement Coordinator
Epocrates, Princeton, NJ, Analytics Consulting Analyst
Ernst & Young, New York, NY, Title not provided
Fraunhofer IPA, Mannheim, Germany, Research Assistant
Google, Mountain View, CA; Developer Programs Engineer
Health Advances, LLC, Weston, MA, Analyst
Massachusetts General Hospital, Boston, MA, Clinical Research Coordinator
National Institutes of Health, Bethesda, MD, Post-Baccalaureate CRTA
Payden & Rygel, Los Angeles, CA, Investment Analyst
Perelman School of Medicine, Philadelphia, PA, Researcher
Sayre Health Center, Philadelphia, PA, Peer Health Educator
Squirrel Hill Health Center, Pittsburgh, PA, Patient Support Specialist
Street Solutions, Inc., Location Not Provided, Business Technology Analyst
Teach for America, New York, NY, Teacher (Swaziland)
University of Miami, Coral Gables, FL, Research Associate
University of Pennsylvania, Philadelphia, PA, Researcher
University of Pennsylvania, Health System, Philadelphia, PA, Research Assistant
Wistar Institute, Philadelphia, PA, Research Assistant
ZS Associates, Princeton, NJ, Business Analytics Associate
ZS Associates, San Mateo, CA, Business Associate
ZS Associates, San Mateo, CA, Business Associate

Chemical and Biomolecular Engineering
A.F. Mensah, Princeton, NJ, Title not provided
Allen & Company, New York, NY, Investment Banking Intern
Campbell Alliance, Boston, MA, Analyst
Campbell Alliance, New York, NY, Associate Consultant
Clarkston Consulting, Philadelphia, PA, Associate Consultant
Compact Membrane Systems, Newport, DE, Title not provided
ExxonMobil, Fairfax, VA, Title not provided
ExxonMobil, Fairfax, VA, Title not provided
IBM, New York, NY, Consultant
IBM, New York, NY, Consulting By Degrees Consultant
Lannett Company, Philadelphia, PA, Project Engineer
Schlumberger, Alice, TX, Field Engineer
Schlumberger, Houston, TX, Field Engineer
Schlumberger, Youngsville, LA, Title not provided
ZS Associates, Princeton, NJ, Business Associate

Computer Engineering
FindTheBest, Santa Barbara, CA, Software Engineer
General Assembly, New York, NY, Instructor, Web Development
Goldman Sachs, New York, NY, Analyst
ShowClix, Inc., Pittsburgh, PA, Software Engineer
ViaSat, Carlsbad, CA, Hardware Engineer
Computer Science
Adage Technologies, Chicago, IL, Software Developer
Altiscale, Palo Alto, CA, Software Engineer
Amazon, Seattle, NY, Software Engineering
Applied Predictive Technologies, Washington, D.C., Software Developer
Barclays, New York, NY, Analyst
Bloomberg LP, New York, NY, Financial Software Developer
Cisco, San Jose, CA, Engineering Project Manager
Citadel LLC, Chicago, IL, Title not provided
Gencore Systems, Philadelphia, PA, Software Engineer
Family Owned Business, Philadelphia, PA, Manager
Flatiron Health Inc., New York, NY, Software Engineer
Google, Mountain View, CA, Software Engineer
Google, Mountain View, CA, Software Engineer
Microsoft, Redmond, WA, Program Manager
Microsoft, Redmond, WA, Software Developer
Novus Partners, New York, NY, Software Engineer
Prudential, Princeton, NJ, Actuarial Associate
Signal Hill Capital Group, New York, NY, Analyst
Self Employed, Freelance Designer
Twitter, San Francisco, CA, Title not provided
Upthere, Palo Alto, CA, Title not provided
Yahoo, Sunnyvale, CA, Software Engineer

Digital Media Design
Clever, San Francisco, CA, Software Engineer
Google, Mountain View, CA, Title not provided
Google, New York, NY, Software Engineer
Google, New York, NY, Software Engineer
Knewton, New York, NY, Software Engineer
LinkedIn, New York, NY, Software Engineer
Medium, San Francisco, CA, Engineer
Muzzy Lane Software, Newburyport, MA, Content Producer
Stublisher, Portland, OR, Visual Scientist
The Artery VFX, New York, NY, Production Intern
Thrillist Media Group, New York, NY, Full Stack Engineer
Viacom, New York, NY, Full Stack Developer
VMware, Palo Alto, CA, Software Engineer

Electrical Engineering
Accenture Technology Labs, San Jose, CA, Analyst
Amazon, San Francisco, CA, Software Development Engineer
AppNexus, New York, NY, Global Services Associate
Bulogics, Philadelphia, PA, Junior Embedded Software Engineer
Comcast/NBCUniversal, Philadelphia, PA, CORE Tech Associate
comScore, Inc., New York, NY, Client Service Analyst
Edmodo, San Mateo, CA, Software Engineer
IBM, New York, NY, Consulting by Degrees Consultant
Interhealth, Malvern, PA, .NET Developer
L-3 Communications, Camden, NJ, Associate Software Engineer
Macedon Technologies, Reston, VA, Consultant
Tyco Fire and Security, Westminster, MA, Electrical Engineer
uBeam, Inc., Los Angeles, CA, Electrical Engineer

Materials Science and Engineering
AST Equity Plan Solutions, Philadelphia, PA, Reconciliations Specialist
Deloitte, Philadelphia, PA, Business Technology Analyst
Hewlett Packard Company, San Diego, CA, Materials Science Engineer
Lockheed Martin, Cherry Hill, NJ, Associate Member Engineering Staff
Metis Strategy, Washington, DC, Associate
University of Pennsylvania, Goldman Biophysics Lab, Philadelphia, PA,
Mechanical Engineering and Applied Mechanics
Accenture, Arlington, VA, Title not provided
Accenture, New York, NY, Analyst
Amazon, Seattle, WA, Brand Specialist
Applied Predictive Technologies, Arlington, VA, Business Consultant
Aussco, Inc., Farmingdale, NY, Mechanical Design Engineer,
Automated Cells and Equipment, Painted Post, NY, Applications Engineer
Av-DEC, Fort Worth, TX, Title not provided
BlackRock, New York, NY, Analyst
Booz Allen Hamilton, Aberdeen, MD, Engineering Consultant
Emerson Regulator Technologies, McKinney, TX, Applications Engineer
Holtec International, Marlton, NJ, Adjunct Project Manager
Jacobs Engineering Group, Philadelphia, PA, Process Engineer
Lockheed Martin, Littleton, CO, Mechanical Engineer
Manitowoc Cranes, Shady Grove, NY, Engineer
Nebi, Philadelphia, PA, CEO
Raytheon, Andover, MA, Operations Leadership Development Program
Schlumberger, Alice, TX, Field Engineer
Schlumberger, Houston, TX, Mechanical Engineer
Turner Construction Company, New York, NY, Field Engineer
United States Navy, San Diego, CA, Commissioned Officer
Victory Brewing Company, Parkesburg, PA, Assistant Brewer

Networked and Social Systems Engineering
Intent Media, New York, NY, Product Manager

Systems Engineering
Accenture, Sacramento, CA, Business and Systems Integration Analyst
Accenture, San Francisco, CA, Analyst
Accenture, Philadelphia, PA, Systems Integration Analyst
Anheuser-Busch InBev, St. Louis, MO, General Management Trainee
Anheuser-Busch InBev, St. Louis, MO, Logistics Development Program
Apex Capital, New York, NY, Trader Trainee
Barclays, Location Not Provided, Analyst
Booz Allen Hamilton, Washington, DC, Technologist
Boston Consulting Group, New York, NY, Associate
Caesars Entertainment, Las Vegas, NV, Analyst
CIGNA, Philadelphia, PA, TEC1P Associate - Business Systems Analyst
Citigroup, New York, NY, Analyst
Goldman Sachs, New York, NY, Technology Analyst
ICF International, Washington, DC, Research Assistant
JP Morgan Chase, New York, NY, Banking Analyst
Morgan Stanley, New York, NY, Sales Associate
Nomura, New York, NY, Analyst
Pace Harmon, Washington, DC, Analyst
PricewaterhouseCoopers, New York, NY, Advisory Associate
PricewaterhouseCoopers, Philadelphia, PA, Associate
StyleSage, New York, NY, Data Engineering Intern
Ubiqua, Panama, Title not provided
United States Navy, Washington, DC, Naval Reactors Engineer

ENGINEERING DUAL DEGREES (BAS/BSE & MSE)

Bioengineering
Evercore Partners, New York, NY, Analyst
Gap Inc., San Francisco, CA, Retail Management Program

Chemical and Biomolecular Engineering
Accenture, Philadelphia, PA, SI-Consulting Analyst
Chrysler Corporation, MI, Engineer,
Deloitte Consulting, Philadelphia, PA, Business Technology Analyst

Computer Engineering
Microsoft, Redmond, WA, Program Manager

Computer Science
Amazon, Seattle, WA, Software Development Engineer
Applied Predictive Technologies, Arlington, VA, Engineer In Test
Bracket Computing, Sunnyvale, CA, Software Engineer
Digital Media Design
Blackstone, New York, NY, Title not provided
Facebook, New York, NY, Software Engineer
Microsoft, Redmond, WA, Software Development Engineer

Electrical Engineering
Bresslergroup, Philadelphia, PA, Electromechanical Engineer
LinkedIn, Mountainview, CA, Analyst

Materials Science and Engineering
United States Navy, Location Not Provided, Ensign

Mechanical Engineering and Applied Mechanics
Boeing, Ridley Park, PA, Title not provided
Boston Consulting Group, Chicago, IL, Associate
Integral Group, Oakland, CA, Project Engineer
Philadelphia Gas Works, Philadelphia, PA, Engineer I

Systems Engineering
Anthropologie, Philadelphia, PA, Customer Strategy Analyst
Epic Systems, Verona, WI, Technical Services Analyst
Goldman Sachs, New York, NY, Technology Analyst
Latinum Network, Bethesda, MD, Consulting Analyst

ENGINEERING & CAS

Applied Science – Computer Science
Amazon, Seattle, WA, Software Development Engineer
BlackRock, New York, NY, Analyst
Palantir Technologies, Palo Alto, CA, Civil Liberties Engineer
RBS, New York, NY, Markets Analyst Fixed Income
Yahoo, Sunnyvale, CA, Software Developer

Mechanical Engineering and Applied Mechanics
BlackRock, New York, NY, Analyst

ENGINEERING & WH

Applied Science – Biomedical Science
Credit Suisse, Hong Kong, China, Investment Banking Analyst
Insight Venture Partners, New York, NY, Analyst

Applied Science – Computer Science
Amazon, Seattle, WA, Software Developer
Bain & Company, San Francisco, CA, Associate Consultant
Boston Consulting Group, New York, NY, Associate
Citi, New York, NY, Technology Analyst
Code for America, San Francisco, CA, Fellow
Credit Suisse, New York, NY, Investment Banking Analyst
Goldman Sachs, San Francisco, CA, Investment Banking Analyst
J.P. Morgan, New York, NY, Analyst
Microsoft, Seattle, WA, Program Manager
Microsoft, Redmond, WA, Program Manager
Moelis & Company, Houston, TX, Analyst
Mondelez International, East Hanover, NJ, Brand Assistant
Morgan Stanley, Menlo Park, CA, Investment Banking Analyst
Mu Sigma Inc., Location Not Provided, Analyst
Silver Lake Partners, Menlo Park, CA, Analyst,
Starwood Capital Group, Greenwich, CT, Analyst
Y Combinator, San Francisco, CA, Head of Special Projects
ZL Technologies, San Jose, CA, Product Manager

Applied Science – Individualized
Morgan Stanley, Menlo Park, CA, Investment Banking Analyst
Bioengineering
Houlihan Lokey, Los Angeles, CA, Financial Analyst
Sankaty Advisors, Boston, MA, Analyst
Silver Lake Partners, Menlo Park, CA, Private Equity Analyst
University of Pennsylvania, Philadelphia, PA, Research Technician

Chemical and Biomolecular Engineering
Citi, New York, NY, Investment Banking Analyst
Citigroup, Singapore, Singapore, Analyst
Oliver Wyman, New York, NY, Consultant

Computer Engineering
Palantir Technologies, McLean, VA, Forward Deployed Engineer

Computer Science
Amazon, Seattle, WA, Software Development Engineer
Credit Suisse, New York, NY, Analyst
Dataminr, Inc., New York, NY, Product Manager
Dropbox, San Francisco, CA, Business Operations
Evercore Partners, New York, NY, Investment Banking Analyst
Goldman Sachs, New York, NY, Investment Banking Analyst

Computer Science continued...
Goldman Sachs, New York, NY, Analyst - Securities
Google, New York, NY, Site Reliability Engineer
Greenhill & Co., New York, NY, Analyst
H/2 Capital Partners, New York, NY, Analyst
Palantir Technologies, New York, NY, Software Engineer
Palantir Technologies, New York, NY, Forward Deployed Engineer
Sperch, San Francisco, CA, CEO
Workday, Pleasanton, CA, Associate Product Manager

Digital Media Design

Electrical Engineering
Strategic Investment Group, Arlington, VA, Quantitative Investment Analyst
Strategy& (Formerly Booz & Co), New York, NY, Consultant
TPG, San Francisco, CA, Private Equity Analyst

Materials Science and Engineering
Susquehanna International Group, Bala Cynwyd, PA, Assistant Trader

Mechanical Engineering and Applied Mechanics
Blackstone Group, New York, NY, Analyst - Mergers and Acquisitions
Goldman Sachs, New York, NY, Real Estate Private Equity Analyst
Macquarie, New York, NY, Investment Banking Analyst

Systems Engineering
Applied Predictive Technologies, Arlington, VA, Business Consultant
J.P. Morgan, New York, NY, Investment Banking Analyst
M&T Bank, Buffalo, NY, Management Development Program Trainee
Moelis & Company, Los Angeles, CA, Analyst
Samlyn Capital, New York, NY, Research Analyst
SECTION 3 - ANALYSIS OF GRADUATE STUDY RESPONDENTS*

Degrees Being Pursued

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<tr>
<th>Undergraduate Major</th>
<th>Masters</th>
<th>PhD</th>
<th>MD</th>
<th>MBA</th>
<th>VMD</th>
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<td>AS – Computational Biology</td>
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<tr>
<td>AS – Computer &amp; Cognitive Science</td>
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<tr>
<td>AS – Computer Science</td>
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<td>Bioengineering</td>
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<td>7</td>
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<td>8</td>
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<tr>
<td>Chemical &amp; Biomolecular Engineering</td>
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<td>Computer Engineering</td>
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<tr>
<td>Computer Science</td>
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<td></td>
<td>5</td>
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<tr>
<td>Digital Media Design</td>
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<td>Electrical Engineering</td>
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<tr>
<td>Materials Science &amp; Eng.</td>
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<td>Mechanical Eng. &amp; Applied Mechanics</td>
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<tr>
<td>Networked &amp; Social Systems Engineering</td>
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<td>Systems Science &amp; Engineering</td>
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<td>Total</td>
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<td>26</td>
<td>8</td>
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*By SEAS undergraduate major

Fields of Full-time Graduate Study

![Graph showing fields of full-time graduate study](image-url)
Graduate Schools Reported by Major

Graduate Schools to be Attended by Two or More Graduate Study Respondents

ENGINEERING SINGLE DEGREES

Applied Science-Biomedical Science
University of Pennsylvania, Philadelphia, PA, VMD, Veterinary Medicine
University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering & Applied Mechanics

Applied Science – Computational Biology
Cornell University, Ithaca, NY, PhD, Computational Biology and Medicine
University of Pennsylvania, Philadelphia, PA, PhD, Degree Program Not Provided

Bioengineering
Albert Einstein College of Medicine, Bronx, NY, MD, Medicine
Baylor College of Medicine or UT Southwestern School of Med., MD, Medicine
California Institute of Technology, Pasadena, CA, PhD, Bioengineering
Case Western Reserve University, Cleveland, OH, MD, Medicine
Cornell University, Ithaca, NY, PhD, Biomedical Engineering
Jefferson Medical College, Philadelphia, PA, MD, Medicine
Kent State University, Kent, OH, PhD, Liquid Crystals
Stanford University, Palo Alto, CA, PhD, Bioengineering
Tufts University, Boston, MA, PhD, Biomedical Science
University of Pennsylvania, Philadelphia, PA, PhD, Biostatistics
University of Pennsylvania, Philadelphia, PA, PhD, Bioengineering
University of Pennsylvania, Philadelphia, PA, MSE, Bioengineering
University of Pennsylvania, Philadelphia, PA, MSE, Bioengineering
University of Pennsylvania, Philadelphia, PA, MSE, Bioengineering
University of Pennsylvania, Philadelphia, PA, MSE, Systems Engineering
University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA, MD, Medicine
University of Wisconsin School of Medicine and Public Health, Madison, WI, MD, Medicine
Vanderbilt University School of Medicine, Nashville, TN, MD, Medicine

Chemical and Biomolecular Engineering
California Institute of Technology, Pasadena, CA, PhD, Chemical Engineering
Cornell University, Ithaca, NY, PhD, Chemical & Biomolecular Engineering
Cornell University, Ithaca, NY, PhD, Chemical and Biomolecular Engineering
Massachusetts Institute of Technology, Cambridge, MA, PhD, Chemical Engineering
University of California, Santa Barbara, Santa Barbara, CA, PhD, Chemical Engineering
University of California, Santa Cruz, Santa Cruz, CA, PhD, Electrical Engineering
University of Michigan, Ann Arbor, MI, PhD, Chemical Engineering
University of Pennsylvania, Philadelphia, PA, MSE, Chemical and Biomolecular Engineering

Computer Engineering
Columbia University, New York, NY, PhD, Computer Science
Computer Science
University of Pennsylvania, Philadelphia, PA, MSE, Computer and Information Science
University of Pennsylvania, Philadelphia, PA, MSE, Computer and Information Science
University of Pennsylvania, Philadelphia, PA, MSE, Computer and Information Science
University of Pennsylvania, Philadelphia, PA, MSE, Systems Engineering

Digital Media Design
Academy of Art University, San Francisco, CA, MFA, 3D Animation
University of Pennsylvania, Philadelphia, PA, MSE, Computer Graphics and Game Technology
University of Pennsylvania, Philadelphia, PA, MSE, Computer Graphics and Game Technology

Electrical Engineering
University of Pennsylvania, Philadelphia, PA, PhD, Electrical Engineering
University of Pennsylvania, Philadelphia, PA, MSE, Robotics

Materials Science and Engineering
California Institute of Technology, Pasadena, CA, PhD, Materials Science
Cornell University, Ithaca, NY, PhD, Materials Science
Harvard University, Cambridge, MA, PhD, Applied Physics
University of Pennsylvania, Philadelphia, PA, MSE, Materials Science and Engineering
University of Pennsylvania, Philadelphia, PA, MSE, Materials Science and Engineering
University of Pennsylvania, Philadelphia, PA, MSE, Nanotechnology

Mechanical Engineering and Applied Mechanics
Columbia University, New York, NY, MS, Degree Program Not Provided
Technion - Israel Institute of Technology, Israel, MBA, Entrepreneurship
UC Berkeley/ UC San Francisco, Berkeley/San Francisco, PhD, Bioengineering
University of Pennsylvania, Philadelphia, PA, PhD, Mechanical Engineering and Applied Mechanics
University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics
University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics
University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics
University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics
University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics
University of Pennsylvania, Philadelphia, PA, MSE, Robotics
University of Pennsylvania, Philadelphia, PA, MSE, Robotics

Networked & Social Systems Engineering
University of Pennsylvania, Philadelphia, PA, MSE, Computer and Information Science

Systems Engineering
Massachusetts Institute of Technology, Cambridge, MA, MS, Transportation
University of Pennsylvania, Philadelphia, PA, MSE, Robotics

ENGINEERING DUAL DEGREE (BAS/BSE & MSE)

Materials Science and Engineering
Massachusetts Institute of Technology, Cambridge, MA, PhD, Media Arts & Sciences/ Engineering,

ENGINEERING & CAS

Applied Science – Computer and Cognitive Science
University of Rochester, Rochester, NY, PhD, Brain & Cognitive Sciences and Linguistics

Applied Science – Computer Science
Columbia University, New York, NY, PhD, Computer Science

Computer Science
University of Pennsylvania, Philadelphia, PA, MSE, Robotics

ENGINEERING & WH

Electrical Engineering
Stanford University, Palo Alto, CA, MS, Graduate Field Not Provided

Bioengineering
University of Pennsylvania, Philadelphia, PA, MSE, Mechanical Engineering and Applied Mechanics