The MIT System Design and Management (SDM) program educates future technical leaders in architecting, engineering, and designing complex products and systems, providing them with the leadership and management skills necessary to work successfully across organizations.

Jointly offered by the MIT School of Engineering and the MIT Sloan School of Management, SDM enables students to gain both technical/engineering depth and management breadth. The program leads to an S.M. degree in engineering and management.

Graduates leave SDM prepared to manage effectively and creatively by using systems thinking to solve large-scale, complex challenges in product design, development, and innovation. Their unique and powerful combination of technical and managerial skills equips them to effectively lead in positions throughout a wide range of industries, across all levels and functions.

SDM annually surveys members of its most recent graduating class about their career paths. This report displays employment and compensation statistics gathered from self-funded students who graduated in February, June, and September 2014.

### SDM Fellows’ Employment Profile 2014
(February, June, and September graduation dates)

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>49%</td>
<td>US citizens/permanent residents</td>
</tr>
<tr>
<td>51%</td>
<td>Non-US citizens</td>
</tr>
<tr>
<td>12%</td>
<td>Women</td>
</tr>
<tr>
<td>18</td>
<td>Countries</td>
</tr>
<tr>
<td>4</td>
<td>Continents</td>
</tr>
<tr>
<td>87</td>
<td>Number of SDM fellows graduating in 2014</td>
</tr>
<tr>
<td>29</td>
<td>Number of company-funded fellows</td>
</tr>
<tr>
<td>58</td>
<td>Number of self-funded fellows</td>
</tr>
<tr>
<td>40</td>
<td>Self-funded fellows seeking employment</td>
</tr>
<tr>
<td>10</td>
<td>Self-funded fellows continuing with current employer</td>
</tr>
<tr>
<td>7</td>
<td>Self-funded fellows starting own business</td>
</tr>
<tr>
<td>1</td>
<td>Self-funded fellows continuing education</td>
</tr>
<tr>
<td>9</td>
<td>Average years of full-time work experience prior to SDM</td>
</tr>
<tr>
<td>$80,875</td>
<td>Average annual salary in last position (without bonus)</td>
</tr>
</tbody>
</table>

### Sample of Undergraduate Degrees

- 2% Aeronautical Engineering
- 9% Aerospace Engineering
- 2% Biomedical Engineering
- 5% Business Management
- 9% Chemical Engineering
- 4% Civil Engineering
- 11% Computer Science
- 2% Economics
- 23% Electrical Engineering
- 7% Industrial Engineering
- 4% Informational Technology
- 2% Mathematics
- 11% Mechanical Engineering
- 2% Nuclear Engineering
- 4% Physics
- 4% System Design Engineering

### Prior Industry Experience

- 2% Aerospace
- 4% Automotive
- 7% Banking/Financial Services
- 2% Biotechnology
- 4% Consulting
- 7% Energy
- 26% High Tech Electronics
- 5% Information Systems
- 23% Semiconductors
- 7% Telecommunications
- 16% Other
Job Search

97% employed SDM graduates who responded to the 2014 survey
$122,667 surveyed SDM fellows’ average base salary
52% increase in base salary prior to entering SDM
$17,286 average signing bonus
36% graduates receiving a signing bonus
1.8 average job offers, 2014 SDM surveyed graduates

Highest degree obtained prior to SDM
39% BS/BA/BEng
55% MS/MA/MBAw
6% Ph.D

Partial list of Companies that Recruited 2014 SDM Graduates

Sample Job Titles after Graduation
CEO & Cofounder Chief Strategy Director Director of Engineering Director, Hardware Design Pathways Operations Manager Program Manager Senior Safety & Environmental Engineer Senior Product Development Engineer Senior Product Manager Senior Marketing Manager Technical Account Manager

52% salary increase

Job functions held by 2014 graduates
MIT System Design & Management
77 Massachusetts Avenue, E40-315
Cambridge, MA 02139-4307

For further information, please contact:
Jonathan Pratt
SDM Director of Career Development and Recruiting
phone: 617.324.7106
e-mail: jonpratt@mit.edu

Joan S. Rubin
SDM Industry Codirector
phone: 617.253.2081
e-mail: jsrubin@mit.edu

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