At MIT, students and faculty from different fields work together in a variety of collaborative programs that extend beyond departmental or school boundaries. The following programs offer a number of interdisciplinary graduate degrees:

- **Advanced Urbanism** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/advanced-urbanism](http://catalog.mit.edu/interdisciplinary/graduate-programs/advanced-urbanism))
- **Computation and Cognition** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/computation-cognition](http://catalog.mit.edu/interdisciplinary/graduate-programs/computation-cognition))
- **Computational and Systems Biology** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/computational-systems-biology](http://catalog.mit.edu/interdisciplinary/graduate-programs/computational-systems-biology))
- **Computational Science and Engineering** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/computational-science-engineering](http://catalog.mit.edu/interdisciplinary/graduate-programs/computational-science-engineering))
- **Computer Science and Molecular Biology** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/computer-science-molecular-biology](http://catalog.mit.edu/interdisciplinary/graduate-programs/computer-science-molecular-biology))
- **Harvard-MIT Health Sciences and Technology** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/harvard-mit-health-sciences-technology](http://catalog.mit.edu/interdisciplinary/graduate-programs/harvard-mit-health-sciences-technology))
- **Integrated Design and Management** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/system-design-management](http://catalog.mit.edu/interdisciplinary/graduate-programs/system-design-management))
- **Leaders for Global Operations** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/leaders-global-operations](http://catalog.mit.edu/interdisciplinary/graduate-programs/leaders-global-operations))
- **Microbiology** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/microbiology](http://catalog.mit.edu/interdisciplinary/graduate-programs/microbiology))
- **Operations Research** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/operations-research](http://catalog.mit.edu/interdisciplinary/graduate-programs/operations-research))
- **Polymers and Soft Matter** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/polymers-soft-matter](http://catalog.mit.edu/interdisciplinary/graduate-programs/polymers-soft-matter))
- **Real Estate Development** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/real-estate-development](http://catalog.mit.edu/interdisciplinary/graduate-programs/real-estate-development))
- **Social and Engineering Systems** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/social-engineering-systems](http://catalog.mit.edu/interdisciplinary/graduate-programs/social-engineering-systems))
- **Statistics** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/phd-statistics](http://catalog.mit.edu/interdisciplinary/graduate-programs/phd-statistics))
- **Supply Chain Management** ([http://catalog.mit.edu/interdisciplinary/graduate-programs/supply-chain-management](http://catalog.mit.edu/interdisciplinary/graduate-programs/supply-chain-management))

Several programs of study offer students from participating departments opportunities to focus on a particular area of interdisciplinary research as part of their home department’s degree program:

- **Biophysics** ([http://catalog.mit.edu/schools/science/interdepartmental](http://catalog.mit.edu/schools/science/interdepartmental))
- **Molecular and Cellular Neuroscience** ([http://catalog.mit.edu/schools/science/interdepartmental](http://catalog.mit.edu/schools/science/interdepartmental))

### Interdisciplinary Graduate Degrees

#### Advanced Urbanism

<table>
<thead>
<tr>
<th>Degree</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD</td>
<td>Advanced Urbanism ¹</td>
</tr>
</tbody>
</table>

#### Computation and Cognition (Course 6-9P)

<table>
<thead>
<tr>
<th>Degree</th>
<th>Program</th>
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<tbody>
<tr>
<td>MEng</td>
<td>Computation and Cognition</td>
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#### Computational and Systems Biology

<table>
<thead>
<tr>
<th>Degree</th>
<th>Program</th>
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</thead>
<tbody>
<tr>
<td>PhD</td>
<td>Computational and Systems Biology ¹</td>
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</table>

#### Computational Science and Engineering

<table>
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<tr>
<th>Degree</th>
<th>Program</th>
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<tbody>
<tr>
<td>SM</td>
<td>Computational Science and Engineering ¹</td>
</tr>
<tr>
<td>PhD, ScD</td>
<td>Aerospace Computational Engineering ¹</td>
</tr>
<tr>
<td>PhD, ScD</td>
<td>Civil Engineering and Computation ¹</td>
</tr>
<tr>
<td>PhD, ScD</td>
<td>Computational Science and Engineering ¹</td>
</tr>
<tr>
<td>PhD, ScD</td>
<td>Computational Earth, Science and Planetary Sciences ¹</td>
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</table>

#### Computer Science and Molecular Biology (Course 6-7)

<table>
<thead>
<tr>
<th>Degree</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEng</td>
<td>Computer Science and Molecular Biology ¹</td>
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</table>

#### Design and Management (Integrated Design and Management & System Design and Management)

<table>
<thead>
<tr>
<th>Degree</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>SM</td>
<td>Engineering and Management ¹</td>
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</tbody>
</table>

#### Health Sciences and Technology (HST)

<table>
<thead>
<tr>
<th>Degree</th>
<th>Program</th>
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</thead>
<tbody>
<tr>
<td>SM</td>
<td>Health Sciences and Technology</td>
</tr>
<tr>
<td>MD</td>
<td>Medical Sciences (degree from Harvard Medical School)</td>
</tr>
<tr>
<td>ScD, PhD</td>
<td>Health Sciences and Technology</td>
</tr>
<tr>
<td>ScD, PhD</td>
<td>Health Sciences and Technology—Bioastronautics</td>
</tr>
</tbody>
</table>
ScD, PhD

Health Sciences and Technology—Medical Engineering and Medical Physics

**History, Anthropology, and Science, Technology and Society**

PhD

History, Anthropology, and Science, Technology and Society

**Leaders for Global Operations**

SM/MBA

Engineering/Management ¹

**Microbiology**

PhD

Microbiology ¹

**Oceanography and Applied Ocean Science and Engineering**

SM

Oceanographic Engineering ²

ScD, PhD

Applied Ocean Science and Engineering

ScD, PhD

Biological Oceanography

ScD, PhD

Chemical Oceanography

ScD, PhD

Marine Geology and Geophysics

ScD, PhD

Physical Oceanography

**Operations Research**

SM

Operations Research ¹

SM/MBA

Engineering/Management—Leaders for Global Operations ¹

PhD

Operations Research ¹

**Polymers and Soft Matter**

PhD, ScD

Polymers and Soft Matter ¹

**Real Estate Development**

SM

Real Estate Development

**Statistics**

PhD

Aeronautics and Astronautics and Statistics

PhD

Cognitive Science and Statistics

PhD

Economics and Statistics

PhD

Mathematics and Statistics

PhD

Mechanical Engineering and Statistics

PhD

Neuroscience and Statistics

PhD

Physics, Statistics, and Data Science

PhD

Political Science and Statistics

PhD

Social and Engineering Systems and Statistics

**Supply Chain Management**

MASc

Supply Chain Management ³

MEng

Supply Chain Management ³

**Technology and Policy**

SM

Technology and Policy

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1. See Interdisciplinary Programs (http://catalog.mit.edu/interdisciplinary).
2. With the exception of engineering, the SM is only available as an interim degree for doctoral candidates or for those who leave the program before the completion of the doctoral degree.