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** ([catalog.mit.edu/interdisciplinary/graduate-programs/advanced-urbanism](http://catalog.mit.edu/interdisciplinary/graduate-programs/advanced-urbanism))
- **Computation and Cognition** ([catalog.mit.edu/interdisciplinary/graduate-programs/computation-cognition](http://catalog.mit.edu/interdisciplinary/graduate-programs/computation-cognition))
- **Computation for Design and Optimization** ([catalog.mit.edu/interdisciplinary/graduate-programs/computation-design-optimization](http://catalog.mit.edu/interdisciplinary/graduate-programs/computation-design-optimization))
- **Computational and Systems Biology** ([catalog.mit.edu/interdisciplinary/graduate-programs/computational-systems-biology](http://catalog.mit.edu/interdisciplinary/graduate-programs/computational-systems-biology))
- **Computational Science and Engineering** ([catalog.mit.edu/interdisciplinary/graduate-programs/computational-science-engineering](http://catalog.mit.edu/interdisciplinary/graduate-programs/computational-science-engineering))
- **Computer Science and Molecular Biology** ([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** ([catalog.mit.edu/interdisciplinary/graduate-programs/harvard-mit-health-sciences-technology](http://catalog.mit.edu/interdisciplinary/graduate-programs/harvard-mit-health-sciences-technology))
- **History, Anthropology, and Science, Technology and Society** ([catalog.mit.edu/schools/humanities-arts-social-sciences/science-technology-society/#graduatetext](http://catalog.mit.edu/schools/humanities-arts-social-sciences/science-technology-society/#graduatetext))
- **Integrated Design and Management** ([catalog.mit.edu/interdisciplinary/graduate-programs/system-design-management](http://catalog.mit.edu/interdisciplinary/graduate-programs/system-design-management))
- **Joint Program with Woods Hole Oceanographic Institution** ([catalog.mit.edu/interdisciplinary/graduate-programs/joint-program-woods-hole-oceanographic-institution](http://catalog.mit.edu/interdisciplinary/graduate-programs/joint-program-woods-hole-oceanographic-institution))
- **Leaders for Global Operations** ([catalog.mit.edu/interdisciplinary/graduate-programs/leaders-global-operations](http://catalog.mit.edu/interdisciplinary/graduate-programs/leaders-global-operations))
- **Microbiology** ([catalog.mit.edu/interdisciplinary/graduate-programs/microbiology](http://catalog.mit.edu/interdisciplinary/graduate-programs/microbiology))
- **Operations Research** ([catalog.mit.edu/interdisciplinary/graduate-programs/operations-research](http://catalog.mit.edu/interdisciplinary/graduate-programs/operations-research))
- **Polymers and Soft Matter** ([catalog.mit.edu/interdisciplinary/graduate-programs/polymers-soft-matter](http://catalog.mit.edu/interdisciplinary/graduate-programs/polymers-soft-matter))
- **Social and Engineering Systems** ([catalog.mit.edu/interdisciplinary/graduate-programs/social-engineering-systems](http://catalog.mit.edu/interdisciplinary/graduate-programs/social-engineering-systems))
- **Statistics** ([catalog.mit.edu/interdisciplinary/graduate-programs/phd-statistics](http://catalog.mit.edu/interdisciplinary/graduate-programs/phd-statistics))
- **Supply Chain Management** ([catalog.mit.edu/interdisciplinary/graduate-programs/supply-chain-management](http://catalog.mit.edu/interdisciplinary/graduate-programs/supply-chain-management))
- **System Design and Management** ([catalog.mit.edu/interdisciplinary/graduate-programs/system-design-management](http://catalog.mit.edu/interdisciplinary/graduate-programs/system-design-management))
- **Technology and Policy** ([catalog.mit.edu/interdisciplinary/graduate-programs/technology-policy](http://catalog.mit.edu/interdisciplinary/graduate-programs/technology-policy))
- **Transportation** ([catalog.mit.edu/interdisciplinary/graduate-programs/transportation](http://catalog.mit.edu/interdisciplinary/graduate-programs/transportation))

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

### Interdisciplinary Graduate Degrees

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<tr>
<th>Program</th>
<th>Degree(s)</th>
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<tbody>
<tr>
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<td>PhD</td>
</tr>
<tr>
<td><strong>Computation and Cognition (Course 6-9P)</strong></td>
<td>MEng</td>
</tr>
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<td>SM</td>
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<td>PhD</td>
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<tr>
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<tr>
<td><strong>Design and Management (Integrated Design and Management &amp; System Design and Management)</strong></td>
<td>SM</td>
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| Health Sciences and Technology—Bioastronautics | ScD, PhD | Health Sciences and Technology—Bioastronautics  
| Health Sciences and Technology—Bioinformatics and Integrative Genomics | ScD, PhD | Health Sciences and Technology—Bioinformatics and Integrative Genomics  
| Health Sciences and Technology—Medical Engineering and Medical Physics | 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  
| Oceanography and Applied Ocean Science and Engineering | SM | Oceanographic Engineering  
| Applied Ocean Science and Engineering | ScD, PhD | Applied Ocean Science and Engineering  
| Biological Oceanography | ScD, PhD | Biological Oceanography  
| Chemical Oceanography | ScD, PhD | Chemical Oceanography  
| Marine Geology and Geophysics | ScD, PhD | Marine Geology and Geophysics  
| Physical Oceanography | ScD, PhD | Physical Oceanography  
| Leaders for Global Operations | SM/MBA | Engineering/Management  
| Engineering/Management | SM/MBA | Engineering/Management  
| Microbiology | PhD | Microbiology  
| Operations Research | SM | Operations Research  
| Operations Research | PhD | Operations Research  
| Polymers and Soft Matter | PhD, ScD | Polymers and Soft Matter  
| Statistics | PhD | Aeronautics and Astronautics and Statistics  
| Economics and Statistics | PhD | Economics and Statistics  
| Mathematics and Statistics | PhD | Mathematics and Statistics  
| Neuroscience and Statistics | PhD | Neuroscience and Statistics  
| Political Science and Statistics | PhD | Political Science and Statistics  
| Social and Engineering Systems and Statistics | PhD | Social and Engineering Systems and Statistics  
| Supply Chain Management | MEng | Supply Chain Management  
| Supply Chain Management | MASc | Supply Chain Management  
| Technology and Policy | SM | Technology and Policy  
| Transportation | PhD, ScD | Transportation  
| Transportation | SM | Transportation  

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.