# Interdisciplinary Graduate Programs

## Interdisciplinary Graduate Degrees

### Advanced Urbanism
- **PhD**: Advanced Urbanism

### Computation and Cognition (Course 6-9P)
- **MEng**: Computation and Cognition

### Computational and Systems Biology
- **PhD**: Computational and Systems Biology

### Computational Science and Engineering
- **SM**: Computational Science and Engineering
- **PhD, ScD**: Aerospace Engineering and Computational Science
- **PhD, ScD**: Chemical Engineering and Computation
- **PhD, ScD**: Civil Engineering and Computation
- **PhD, ScD**: Computational Earth, Science and Planetary Sciences
- **PhD, ScD**: Computational Materials Science and Engineering
- **PhD, ScD**: Computational Nuclear Science and Engineering
- **PhD, ScD**: Environmental Engineering and Computation
- **PhD, ScD**: Mathematics and Computational Science
- **PhD, ScD**: Mechanical Engineering and Computation
- **PhD, ScD**: Nuclear Engineering and Computation

### Computer Science and Molecular Biology (Course 6-7P)
- **MEng**: Computer Science and Molecular Biology

### Design and Management (System Design and Management & Integrated Design and Management)
- **SM**: Engineering and Management

### Health Sciences and Technology (HST)
- **SM**: Health Sciences and Technology
- **MD**: Medical Sciences (degree from Harvard Medical School)
- **ScD, PhD**: Health Sciences and Technology
- **ScD, PhD**: Health Sciences and Technology—Bioastronautics
- **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—dual degree with Leaders for Global Operations Program

### Microbiology
- **PhD**: Microbiology

### Oceanography and Applied Ocean Science and Engineering
- **SM**: Oceanographic Engineering
- **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
- **SM/MBA**: Operations Research/Management—dual degree with Leaders for Global Operations Program
- **PhD**: Operations Research

### Polymers and Soft Matter
- **PhD, ScD**: Polymers and Soft Matter

### Real Estate Development
- **SM**: Real Estate Development

### Statistics
- **PhD**: Aeronautics, 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
- **MEng**: Supply Chain Management

### Technology and Policy
- **SM**: Technology and Policy

### Transportation
- **SM**: Transportation
- **PhD, ScD**: Transportation
See Interdisciplinary Programs (http://catalog.mit.edu/interdisciplinary).

Students who matriculated in the Department of Aeronautics and Astronautics doctoral program and the Computational Science and Engineering (CSE) doctoral program in academic year 2023–2024 or earlier can choose either PhD/ScD in Computational Science and Engineering or the PhD/ScD in Aerospace Engineering and Computational Science. AeroAstro/CSE students who matriculate in academic year 2024–2025 or later will receive the PhD/ScD in Aerospace Engineering and Computational Science.

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.