### Degrees Offered in the School of Engineering

#### Aeronautics and Astronautics (Course 16)
- **SB**  Aerospace Engineering
- **SB**  Engineering
- **SM**  Aeronautics and Astronautics
- **SM/MBA**  Engineering/Management—dual degree with Leaders for Global Operations Program
- **Engineer**  Aeronautics and Astronautics
- **PhD**  Aeronautics, Astronautics, and Statistics
- **PhD, ScD**  Aerospace Computational Engineering
- **PhD, ScD**  Aerospace, Energy, and the Environment
- **PhD, ScD**  Aircraft Systems Engineering
- **PhD, ScD**  Air Transportation Systems
- **PhD, ScD**  Autonomous Systems
- **PhD, ScD**  Communications and Networks
- **PhD, ScD**  Controls
- **PhD, ScD**  Engineering Systems
- **PhD, ScD**  Humans in Aerospace
- **PhD, ScD**  Materials and Structures
- **PhD, ScD**  Oceanographic Engineering (Jointly with WHOI)
- **PhD, ScD**  Space Propulsion
- **PhD, ScD**  Space Systems

#### Biological Engineering (Course 20)
- **SB**  Biological Engineering
- **SM**  Toxicology
- **SM/MBA**  Engineering/Management—dual degree with Leaders for Global Operations Program
- **MEng**  Biomedical Engineering
- **PhD, ScD**  Biological Engineering

#### Chemical Engineering (Course 10)
- **SB**  Chemical Engineering
- **SB**  Chemical-Biological Engineering
- **SB**  Engineering
- **SM**  Chemical Engineering
- **SM**  Chemical Engineering Practice
- **SM/MBA**  Engineering/Management—dual degree with Leaders for Global Operations Program
- **PhD, ScD**  Chemical Engineering
- **PhD, ScD**  Chemical Engineering and Computation
- **PhD, ScD**  Chemical Engineering Practice

#### Civil and Environmental Engineering (Course 1)
- **SB**  General Engineering
- **SM**  Civil and Environmental Engineering
- **SM/MBA**  Engineering/Management—dual degree with Leaders for Global Operations Program
- **MEng**  Civil and Environmental Engineering
- **Civil Engineer**  Civil and Environmental Engineering
- **Engineer**  Environmental Engineer
- **PhD, ScD**  Biological Oceanography (jointly with WHOI)
- **PhD, ScD**  Chemical Oceanography (jointly with WHOI)
- **PhD, ScD**  Civil and Environmental Engineering
- **PhD, ScD**  Civil and Environmental Systems
- **PhD, ScD**  Civil Engineering
- **PhD, ScD**  Civil Engineering and Computation
- **PhD, ScD**  Coastal Engineering
- **PhD, ScD**  Construction Engineering and Management
- **PhD, ScD**  Environmental Biology
- **PhD, ScD**  Environmental Chemistry
- **PhD, ScD**  Environmental Engineering
- **PhD, ScD**  Environmental Engineering and Computation
- **PhD, ScD**  Environmental Fluid Mechanics
- **PhD, ScD**  Geotechnical and Geoenvironmental Engineering
- **PhD, ScD**  Hydrology
- **PhD, ScD**  Information Technology
- **PhD, ScD**  Oceanographic Engineering (Jointly with WHOI)
- **PhD, ScD**  Structures and Materials
- **PhD, ScD**  Transportation

#### Climate System Science and Engineering (Course 1-12)
- **SB**  Climate System Science and Engineering

#### Computation and Cognition (Course 6-9)
- **SB**  Computation and Cognition
- **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
SCHOOL OF 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

Computer Science, Economics, and Data Science (Course 6-14)
SB Computer Science, Economics, and Data Science

Data, Systems, and Society
SM Technology and Policy
PhD, ScD Social and Engineering Systems
PhD Social and Engineering Systems and 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

Design and Management (System Design and Management & Integrated Design and Management)
SM Engineering and Management

Electrical Engineering and Computer Science (Course 6)
SB Artificial Intelligence and Decision Making
SB Computer Science and Engineering
SB Electrical Engineering and Computer Science
SB Electrical Science and Engineering
SM Electrical Engineering and Computer Science
MASc Artificial Intelligence and Decision Making
SM/MBA Engineering/Management—dual degree with Leaders for Global Operations Program
MEng Computer Science, Economics, and Data Science
MEng Electrical Engineering and Computer Science

Electrical Engineer
Engineer in Computer Science
PhD, ScD Computer Science
PhD, ScD Computer Science and Engineering
PhD, ScD Electrical Engineering
PhD, ScD Electrical Engineering and Computer Science

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

Materials Science and Engineering (Course 3)
SB Archaeology and Materials
SB Materials Science and Engineering
SM Materials Science and Engineering
Materials Engineer
PhD, ScD Archaeological Materials
PhD, ScD Computational Materials Science and Engineering
PhD, ScD Materials Science and Engineering
PhD, ScD Polymers and Soft Matter

Mechanical Engineering (Course 2)
SB Engineering
SB Mechanical and Ocean Engineering
SB Mechanical Engineering
SM Mechanical Engineering
SM Naval Architecture and Marine Engineering
SM Ocean Engineering
SM Oceanographic Engineering (jointly with WHOI)
SM/MBA Engineering/Management—dual degree with Leaders for Global Operations Program
MEng Manufacturing

Mechanical Engineer
Naval Engineer

Microbiology
PhD Microbiology

Nuclear Science and Engineering (Course 22)
SB Engineering
SB Nuclear Science and Engineering
SM Nuclear Science and Engineering
SM/MBA   Engineering/Management—dual degree with Leaders for Global Operations Program  

Nuclear Engineer  
PhD, ScD  Computational Nuclear Science and Engineering  
PhD, ScD  Nuclear Science and Engineering  
PhD, ScD  Nuclear Engineering and Computation

Polymers and Soft Matter  
PhD, ScD  Polymers and Soft Matter

Supply Chain Management  
MASc  Supply Chain Management  
MEng  Supply Chain Management

Transportation  
SM  Transportation  
PhD, ScD  Transportation

Urban Science and Planning with Computer Science (Course 11-6)  
SB  Urban Science and Planning with Computer Science

Notes  
Many departments make it possible for a graduate student to pursue a simultaneous master’s degree.

Several departments also offer undesignated degrees, which lead to the Bachelor of Science without departmental designation. The curricula for these programs offer students opportunities to pursue broader programs of study than can be accommodated within a four-year departmental program.

1 See Interdisciplinary Programs (http://catalog.mit.edu/interdisciplinary).
2 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.