



Massachusetts Institute of Technology

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MISSION

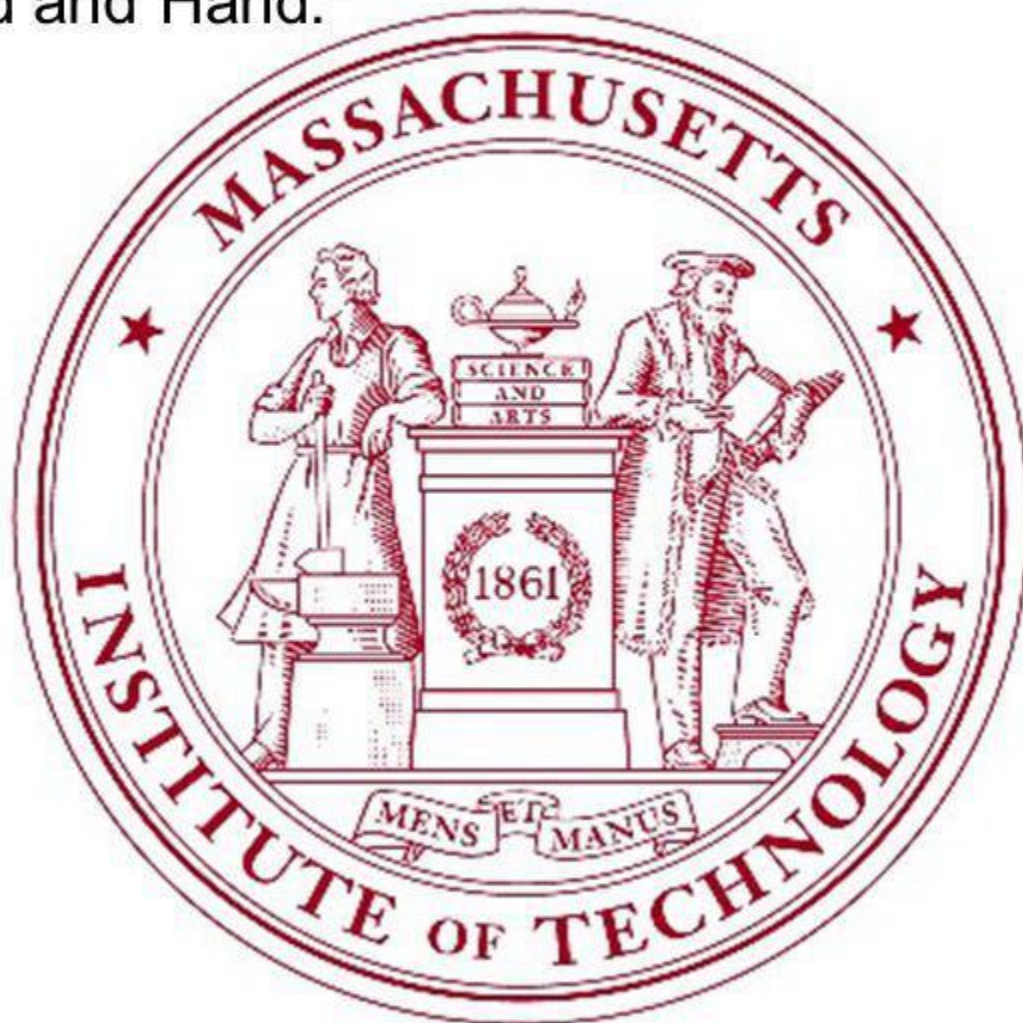
The mission of MIT is to advance knowledge and educate students in science, technology, and other areas of scholarship that will best serve the nation and the world in the 21st century.

The Institute is committed to generating, disseminating, and preserving knowledge, and to working with others to bring this knowledge to bear on the world's great challenges. MIT is dedicated to providing its students with an education that combines rigorous academic study and the excitement of discovery with the support and intellectual stimulation of a diverse campus community. We seek to develop in each member of the MIT community the ability and passion to work wisely, creatively, and effectively for the betterment of humankind.



Mind and Hand

- MIT's motto is "Mens et Manus," which translates from the Latin to "Mind and Hand."





HISTORY

- 1861 - MIT is incorporated
- 1865 - First MIT classes
- 1902 - Department of Electrical Engineering founded
- 1913 - Cambridge Campus
- 1950 - School of Humanities and Social Sciences
- 1984 - Media Laboratory

ORIGINS AND LEADERSHIP

Origins

The Institute admitted its first students in 1865, four years after the approval of its founding charter, and admitted its first woman student shortly thereafter in 1871. MIT's opening marked the culmination of an extended effort by William Barton Rogers to establish a new kind of independent educational institution relevant to an increasingly industrialized America. Rogers stressed the pragmatic and practicable. He believed that professional competence is best fostered by coupling teaching and research and by focusing attention on real-world problems. Toward this end, he pioneered the development of the teaching laboratory.

Today MIT is a world-class educational institution. Teaching and research—with relevance to the practical world and transforming society for the better as guiding principles—continue to be its primary purpose. MIT is independent, coeducational, and privately endowed.



THE CAMPUS

- 168 acres (0.68 square km)
- 20+ gardens and green spaces
- 18 residence halls
- 100 public works of art

In 1916, MIT moved from its Boston location to Cambridge, where the **campus** now extends more than a mile (1.6 km) along the Cambridge side of the Charles River Basin. The heart of the campus is the initial group of interconnecting buildings, designed by architect W. Welles Bosworth (Class of 1889) to facilitate interaction and communication among MIT's schools and departments.



ADMISSION

The selection process at MIT is holistic and student centered: each application is evaluated within its unique context. No school, state, or regional quotas are applied; neither is preference given to those with alumni relations. Selection is based on outstanding academic achievement as well as a strong match between the applicant and the Institute, including:

- Alignment with MIT's mission
- Collaborative and cooperative spirit
- Initiative and risk-taking
- Hands-on creativity
- Intensity, curiosity, and excitement
- Balancing hard work with downtime



9-Month Academic Year Expenses (2017 – 2018)

- Tuition¹: \$49,580
- Student activity fee: \$312
- Housing (on-campus)²: \$8,253 - \$18,135
- Meals (on-campus)³: \$3,310 - \$5,150
- Extended health insurance plan: \$3,000

Additional expenses to consider may include:

- Books and supplies: \$2,816
- Food (off-campus): \$4,634
- Local transportation: \$2,736
- Personal expenses: \$5,250

Total estimate: \$76,891 - \$91,613

SCHOOLS AND DEPARTMENTS

School of Architecture and Planning

Architecture (Course 4)
Media Arts and Sciences (MAS)
Urban Studies and Planning (Course 11)

School of Engineering

Aeronautics and Astronautics (Course 16)
Biological Engineering (Course 20)
Chemical Engineering (Course 10)
Civil and Environmental Engineering (Course 1)
Electrical Engineering and Computer Science (Course 6)
Materials Science and Engineering (Course 3)
Mechanical Engineering (Course 2)
Nuclear Science and Engineering (Course 22)
Institute for Data, Systems, and Society (IDS)
Institute for Medical Engineering and Science

School of Humanities, Arts, and Social Sciences

Anthropology (Course 21A)
Comparative Media Studies/Writing (Course CMS/Course 21W)
Economics (Course 14)
Global Studies and Languages (Course 21G)
History (Course 21H)
Humanities (Course 21)
Linguistics and Philosophy (Course 24)
Literature (Course 21L)
Music and Theater Arts (Course 21M)
Political Science (Course 17)
Science, Technology, and Society (STS)

MIT Sloan School of Management

Management (Course 15)

School of Science

Biology (Course 7)
Brain and Cognitive Sciences (Course 9)
Chemistry (Course 5)
Earth, Atmospheric, and Planetary Sciences (Course 12)
Mathematics (Course 18)
Physics (Course 8)

DEGREES OFFERED

Bachelor of Science (SB)

Master of Architecture (MArch)

Master of Applied Science (MASc)

Master of Business Administration (MBA)

Master of Business Analytics (MBAn)

Master in City Planning (MCP)

Master of Engineering (MEng)

Master of Finance (MFin)

Master of Science (SM)

Engineer (each degree designates the field in which it is awarded)

Doctor of Philosophy (PhD)

Doctor of Science (ScD)



Apollo 11 astronaut Buzz Aldrin, ScD 1963 (Aero & Astro)



Former UN Secretary-General Kofi Annan, SM 1972 (Management)



President of Colombia 1986-1990 Virgilio Barco Vargas, SB 1943 (Civil Engineering)



Former Federal Reserve Bank chairman Ben Bernanke, PhD 1979 (Economics)



Physicist Nobel laureate Richard Feynman, SB 1939 (Physics)



Economics Nobel laureate Paul Krugman, PhD 1977 (Economics)



Biologist, suffragist, philanthropist Katherine Dexter McCormick (left), SB 1904 (Biology)



Challenger astronaut and physicist Ronald McNair, PhD 1976 (Physics)



Israeli Prime Minister Benjamin Netanyahu, SB 1975 (Architecture), SM 1976 (Management)



Architect I. M. Pei, BArch 1940 (Architecture)



CEO of General Motors Alfred P. Sloan, SB 1895 (Electrical Engineering)



"Boston" guitarist Tom Scholz, SB 1969, SM 1970 (Mechanical Engineering)