Admissions Procedures

Requirements

At MIT, a regular graduate student is one who is registered for a program of advanced study and research leading to a post-baccalaureate degree. A regular graduate student may concurrently hold an appointment as a research assistant, teaching assistant, or instructor.

To be admitted as a regular graduate student, an applicant must have earned a bachelor's degree or its equivalent from a college, university, or technical school of acceptable standing. Students in their final year of undergraduate study may be admitted on the condition that their bachelor's degrees are awarded before they enroll at MIT.

Applicants are evaluated by the individual department in which they intend to register on the basis of their prior performance and professional promise, as evidenced by their academic records, letters of evaluation from individuals familiar with their capabilities, and any other pertinent data they submit. While high academic achievement does not guarantee admission, MIT expects such achievement or other persuasive evidence of professional promise.

Specific admission requirements vary by department; please consult the catalogue and department or program website for the requirements of individual departments. In general, most departments require significant work in mathematics and the physical sciences in addition to preparation in a specific field of interest, but some admit students with as little as one year each of college-level mathematics and physical science. Students with minor deficiencies in preparation may be admitted, but they must make up prerequisite general or professional subjects before proceeding.

Notification of admission for September is usually sent to applicants before April 1. Most departments inform applicants for January/February and June admission as soon as the review of their applications is complete. For detailed information on how to apply, please see page 23.

Standardized Tests

Only official GRE, TOEFL or IELTS score reports are accepted. Photocopies of reports cannot be used under any circumstances. The MIT reporting code is 3514. Departmental codes, where available, are listed with departmental information beginning on page 4 of this booklet.

Graduate Record Examination

Most MIT departments require the Graduate Record Examination (GRE) General Test and an appropriate Subject Test. Please check the departmental listings beginning on page 4 of this booklet for information on the department to which you intend to apply. The fee for the GRE ranges approximately from $160 to $190 US.

The General Test is offered only on the computer in the US and in most locations around the world. The computer-based GRE General Test is available year round, and appointments are scheduled on a first-come, first-served basis. Register early to maximize your chances of scheduling your preferred test date and time. To register for the GRE General Test call 1-800-GRE-CALL (800-473-2255) or visit www.ets.org/gre. Applicants who are tested after December 31, 2012 will not be considered for admission.*

International English Language Testing System

IELTS exam measures ability to communicate in English across all four language skills – listening, reading, writing, and speaking – for people who intend to study or work where English is the language of communication. Most departments now require this test. Please check the departmental listings beginning on page 4 of this booklet for information on the department to which you intend to apply.

To register for a test, visit http://www.ielts.org. Applicants who are tested after December 31, 2012 will not be considered for admission.*

Test of English as a Foreign Language

Students whose native language is not English may take the Test of English as a Foreign Language (TOEFL). A minimum score of 577 (233 for computer-based; 90 for internet-based) is required for visa certification. Many departments have higher score requirements. See departmental information beginning on page 4 of this booklet. The fee for the TOEFL ranges approximately from $150 to $225 US.

To register, visit http://www.toefl.org/. Students wishing to take the test after December 31, 2012 will not be considered for admission.*

*Some departments have earlier standardized testing deadlines. Please check with the department to which you are applying for their specific deadlines.

Degree Information

Degrees Offered

MIT grants the following degrees:
Doctor of Philosophy, Ph.D.
Doctor of Science, Sc.D.
Engineer's Degree
(in engineering departments only)
Master of Architecture, M.Arch.
Master of Business Administration, M.B.A.
Master in City Planning, M.C.P.
Master of Engineering, M.Eng.
Master of Finance, M.Fin.
Master of Science, S.M.

General Requirements

The master's degree generally requires a minimum of one academic year of study, the engineer's degree two years, and the doctoral degree three or more years beyond a baccalaureate degree in the same field.

Residency

All MIT graduate degree programs have residency requirements, which reflect academic terms (excluding summer). Minimum residency requirements are:

Degree	Academic terms required
Ph.D.	**4**
Sc.D.	**4**
M.Arch.	**7**
S.M.Arch.S.	**4**
M.B.A.	**3**
M.C.P.	**3**
Engineer's Degree	**2**
M.Eng.	**1**
S.M.	**1**

Thesis

All degree requirements include completion of an acceptable thesis prepared in residence at MIT, unless special permission is granted for part of the thesis work to be accomplished elsewhere.

Engineer's Degree

In the School of Engineering, students may be awarded the engineer's degree. This program provides a higher level of professional competence than is required by the program leading to the master's degree, but less emphasis is placed on creative research than in the doctoral program.

Doctoral Degrees

A doctoral degree requires the satisfactory completion of an approved program of advanced study and original research of high quality. The Ph.D. and Sc.D. degrees are awarded, interchangeably, by all departments in the schools of engineering and science (except Biology and Brain and Cognitive Sciences) and in the fields of medical engineering and medical physics. The Ph.D. degree is awarded in the departments of Architecture, Biology, Economics, Linguistics, Management, Operations Research, Philosophy, Political Science, Brain and Cognitive Sciences, History, Anthropology, and Science, Technology and Society (HASTS), Media Arts and Sciences, and Urban Studies and Planning. Admission to MIT for the master's degree does not necessarily imply an automatic commitment by MIT beyond that level of study. A few departments require a doctoral candidate to take a "minor" program outside the principal field. Language requirements vary, and some departments require a thorough knowledge of one relevant foreign language or a reading knowledge of two.

Structure

Department Affiliation

All graduate students, whether or not they are participating in an interdepartmental program, must have a primary affiliation with and be registered in a single department or the Engineering Systems Division. Every applicant accepted by MIT is admitted through one of the graduate departments. In virtually all cases, financial aid is arranged through individual departments, and a student is awarded a degree only upon the recommendation of his or her specific department.

Interdepartmental Programs

MIT has a number of established interdepartmental programs, and there are many more opportunities for students to arrange interdepartmental programs with interested faculty members. Current programs include:

Biomedical Engineering
Computation for Design and Optimization
Computational and Systems Biology
Economics and Urban Studies
Health Sciences and Technology
Leaders for Global Operations
Medical Engineering Medical Physics
Microbiology
MIT-Woods Hole Oceanographic Institution (WHOI), Joint Program in Oceanography
Molecular and Cellular Neuroscience
Operations Research
Polymer Science and Technology
Real Estate Development
Transportation

The following interdepartmental programs are affiliated with Engineering Systems Division (ESD):

Leaders for Global Operations
Supply Chain Management (Center for Transportation and Logistics)
System Design and Management
Technology and Policy Program

Department Information

Aeronautics and Astronautics, Course XVI

Room: 33-208
Phone: (617) 253-0043
Fax: (617) 253-0823
email: aa-studentservices@mit.edu
http://web.mit.edu/aeroastro/

Types of degrees offered:
S.M., Ph.D., Sc.D.,
Leaders for Global Operations - SM/MBA

Term students can be admitted:
September
June (Leaders for Global Operations only)

Application deadline:
December 15 *(must be completed by)*

Tests required:
IELTS: *Minimum score required: 7*
TOEFL: *Minimum score required: 600*
(250 for computer-based; 100 for internet-based)
TOEFL waiver accepted: No
Department code: 63
GRE: *general test required*
Department code: 1601

Areas of research offered:
Aerospace Computational Engineering
Air-Breathing Propulsion
Aircraft Systems Engineering
Air Transportation Systems
Autonomous Systems
Communications and Networks
Controls
Humans in Aerospace
Materials and Structures
Space Propulsion
Space Systems

Our students have participated in interdisciplinary study with the following programs:
Biomedical Engineering
Computation for Design and Optimization
Flight Transportation
Leaders for Global Operations
Technology and Policy Program
System Design and Management
For a complete list of programs, see MIT Centers, Labs and Programs.

Special instructions:
All applicants must use the Aero-Astro specific online application which is on the MIT Graduate Admissions website. Paper applications will not be accepted.

Applicants are required to complete the Record of Courses Taken in Preparation for Graduate Study form. Please list all courses taken that appear on the transcripts you will submit as part of your application. List courses chronologically, and complete complete each column.

Architecture, Course IV

Room: 7-337
Phone: (617) 715-4490
Fax: (617) 253-8993
email: arch@mit.edu
http://architecture.mit.edu/

Types of degrees offered:
M.Arch., S.M.A.C.T., S.M.B.T.,
S.M.Arch.S., Ph.D.

Term students can be admitted:
September

Application deadline:
January 2 *(for September admission)*

Tests required:

IELTS: *Preferred over TOEFL*
Minimum score required: 7
(7.5 for PhD candidates in History, Theory, and Criticism)
TOEFL: *Minimum scores required:*
650 (280 for computer-based, 114 for internet-based) for Ph.D. candidates in History, Theory, and Criticism;
600 (250 for computer-based, 100 for internet-based) for all other programs
TOEFL waiver accepted: No
Department code: 12
GRE: Yes *(M.Arch, S.M.B.T., Ph.D. in Building Technology, and Ph.D. applicants in History, Theory, and Criticism)*
Department code: 4401

Areas of research offered:
Architectural Design (S.M.Arch.S)
Architecture and Urbanism (S.M.Arch.S.)
Art, Culture and Technology (S.M.)
Building Technology (S.M., S.M.Arch.S., Ph.D.)
Design and Computation (S.M.Arch.S. and Ph.D.)
History, Theory, and Criticism of Architecture (S.M.Arch.S. and Ph.D.)
History, Theory, and Criticism of Art (Ph.D.)
Aga Khan Program for Islamic Architecture (S.M.Arch.S.)

Special instructions:
1) All applicants must use the Architecture specific online application, which is on the MIT Graduate Admissions web site. The Architecture Graduate Application will be activated in mid-September, is unique to Architecture, and is not used by any other department.
2) A scanned PDF of an original transcript (or English translation) from each university should be uploaded in the application. In addition, we require one official copy of each transcript (with English translation) be sent by January 2 to: Architecture Graduate Admissions, 77 Massachusetts Ave., Room 7-337, Cambridge, MA 02139.
3) Some degree programs require a portfolio of design work and/or writing sample (maximum 30 pages). Applicants should follow instructions detailed under the degree program of their interest.

Biological Engineering (BE), Course XX

Room: 56-651
Phone: (617) 253-1712
Fax: (617) 258-8676
email: be-acad@mit.edu
http://web.mit.edu/be/

Types of degrees offered:
M.Eng. in Biomedical Engineering
(for MIT undergraduates only)
S.M. in Molecular and Systems Toxicology
(for MIT undergraduates only)
S.M. in Biological Engineering
(Leaders for Global Operations only)
Ph.D., Sc.D. in Biological Engineering

Terms students can be admitted:
September
June (Leaders for Global Operations only)

Application deadline:
December 15

Tests required:
IELTS: *Minimum score required: 7*
GRE: *General test required*
Department code: 1603

Return applications to:
BE, Room 56-651

Areas of Research offered for the Ph.D. Degree:
Biological and Physiological Transport Phenomena
Biological Imaging and Functional Measurement
Biomaterials
Biomolecular Engineering
Biophysics
Cell and Tissue Engineering
Computational Modeling of Biological and Physiological Systems

Discovery and Delivery of Molecular Therapeutics
Energy
Genetic Toxicology
Infectious Disease and Immunology
Macromolecular Biochemistry & Biophysics
Metabolism of Drugs and Toxins
Microbial Pathogenesis
Microbial Systems
Molecular, Chemical and Environmental Carcinogenesis
Molecular, Cell and Tissue Biomechanics
Molecular Epidemiology and Dosimetry
Molecular Pharmacology
Nanoscale Engineering of Biological Systems
Neurobiological Systems
New Tools for Genomics, Functional Genomics, Proteomics and Glycomics
Synthetic Biology
Systems Biology

Special instructions:
Applicants are required to complete the Record of Courses Taken in Preparation for Graduate Study form. Please complete the section for courses most relevant to this graduate program and the additional courses section. Group courses by subject area, and complete each column.

Biology, Course VII

Room: 68-120
Phone: (617) 253-3717
Fax: (617) 258-9329
email: gradbio@mit.edu
http://web.mit.edu/biology/www/graduate

Type of degree offered:
Ph.D.

Term students can be admitted:
September

Application deadline:
December 1

Tests required:
IELTS: *Minimum score required: 6.5*
TOEFL: *Minimum score required: 577*
(233 for computer-based)
TOEFL may be waived by department
Department code: 35
GRE: *general test required; subject test in biology, chemistry, or physics optional*
Department code: 0203

Return applications to: Department of Biology, Room 68-120

Areas of research offered:
Biochemistry
Bioengineering
Bioinformatics/Computational Biology
Cancer Biology
Cell Biology
Developmental Biology
Genetics
Human Genetics
Immunology
Microbiology
Molecular Medicine and Human Diseases
Neurobiology
Physiology
Plant Molecular Biology
Structural Biology and Biophysics

MIT-WHOI, Joint Program in Oceanography, Course VII-W
Biological Oceanography
Ecology and Evolution
Marine Biology
Marine Toxicology
Microbiology
Molecular Ecology

Special instructions:
Applicants to the Department of Biology do not need to complete the Financial Statement form. Applicants to the MIT-WHOI joint program should see MIT-WHOI Joint Program in Oceanography section on page 15 for instructions on application deadline, where to return application, and for all other information. Applicants are NOT required to complete the Record of Courses Taken in Preparation for Graduate Study form.

Brain and Cognitive Sciences, Course IX

Room: 46-2005Q
Phone: (617) 253-7403
Fax: (617) 253-9767
email: bcs-admissions@mit.edu
http://bcs.mit.edu

Type of degree offered:
Ph.D. in Cognitive Science,
Ph.D. in Neuroscience

Term students can be admitted:
September

Application deadline:
December 1

Tests required:
IELTS: *Minimum score required: 7*
TOEFL: *Minimum score required: 577*
(233 for computer-based; 90 for iBT)
IELTS or TOEFL may be waived by department; make request by sending email to bcs-admissions@mit.edu.
Department code: 58
GRE: *general test only*
Department codes:
0213 (Neurosciences)
2002 (Cognitive Psychology)

Mailing Address for Transcripts:
Massachusetts Institute of Technology
Department of Brain and Cognitive Sciences
77 Massachusetts Avenue
Bldg. 46, Room 2005-Q
Cambridge, MA 02139-4307

Express Mail/Courier Deliveries:
Massachusetts Institute of Technology
Department of Brain and Cognitive Sciences
43 Vassar Street
Bldg. 46, Room 2005-Q
Cambridge, MA 02139-4307

Areas of research offered:
Cellular and Molecular Neuroscience
Cognitive Science
Computation
Systems Neuroscience

Special instructions:
Brain and Cognitive sciences requires ALL applicants to use the online application which is on the MIT Graduate Admissions website. Applicants should not send published papers, theses, writing samples or other supplemental material with their application.
Applicants **are** required to complete the Record of Courses Taken in Preparation for Graduate Study form. Please complete the section for courses most relevant to this graduate program. The additional courses section is not required. Group courses by subject area, and complete each column.

Center for Real Estate (CRE)

Room: 9-343
Phone: (617) 253-4373
Fax: (617) 258-6991
email: mit-msred_admissions@mit.edu
http://web.mit.edu/cre/

Type of degree offered:
S.M.

Term students can be admitted:
September

Application deadline:
January 5

Tests required:
IELTS: *Minimum score required: 7.5*
TOEFL: *Minimum score required: 600*
(250 for computer-based)
TOEFL waiver accepted: No
School code: 3504
Department code: 99
GMAT: *Yes*
Department code: X5X-W6-19

Mailing address for Transcripts: MSRED Program Admissions, 77 Mass. Ave. Building 9-343, Cambridge, MA 02139
Applicants to MIT/CRE Program should download additional application instructions/ materials at:
http://web.mit.edu/cre/application.html

(continued)

Special instructions:
Online application is preferred.

GMAT, TOEFL or IELTS scores must be received by January 5.

Applicants are NOT required to complete the Record of Courses Taken in Preparation for Graduate Study form.

Chemical Engineering, Course X

Room: 66-366
Phone: (617) 253-4577
Fax: (617) 253-9695
email: chemegrad@mit.edu
http://web.mit.edu/cheme/

Types of degrees offered:
S.M., Ph.D., Sc.D.

Terms students can be admitted:
September

Application deadline:
December 15

Tests required:
IELTS: *Minimum score required: 7*
GRE: *general test required; subject test in Chemistry or Engineering optional*
Department code: 1001

Return applications to: Department of Chemical Engineering, Room 66-366

Areas of research offered:
Biochemical Engineering
Biomedical Engineering
Biotechnology
Catalysis and Chemical Kinetics
Colloid Science and Separations
Energy Engineering
Environmental Engineering
Materials
Microchemical Systems, Microfluidics
Nanotechnology
Polymers
Process Systems Engineering
PPST: Program in Polymers, Science and Technology
Thermodynamics, Statistical Mechanics and Molecular Simulation
Transport Processes

Special instructions:
All applicants must use the Chemical Engineering specific online application which is on the MIT Graduate Admissions website. Applicants are NOT required to complete the Record of Courses Taken in Preparation for Graduate Study form.

Chemical Engineering Practice, Course X-A

Room: 66-366
Phone: (617) 253-4577
Fax: (617) 253-9695
email: chemegrad@mit.edu
http://web.mit.edu/cheme/graduate/practice/

Types of degrees offered:
S.M., Ph.D.C.E.P. *(September admission only)*

Chemistry, Course V

Room: 2-204
Phone: (617) 253-1845
Fax: (617) 258-0241
email: brighton@mit.edu
http://web.mit.edu/chemistry/www/

Type of degree offered:
Ph.D.

Term students can be admitted:
September

Application deadline:
December 15 *(for September admission)*

Tests required:
IELTS: *Preferred*
Minimum score required: 7
TOEFL: *Minimum score required: 600*
(250 for computer-based)
IELTS or TOEFL may be waived by department
Department code: 62
GRE: *general test required; subject test recommended*
Department code: 0301

Return applications to: Department of Chemistry, Room 2-204

Areas of research offered:
Biological Chemistry
Bio-Organic Chemistry
Inorganic Chemistry
Materials
Organic Chemistry
Physical Chemistry
Theory

Special instructions:
The chemistry department encourages that, if possible, you mention in your Statement of Objectives essay, specific faculty whose research is of interest to you.

Applicants are required to complete the Record of Courses Taken in Preparation for Graduate Study form. Please list science and mathematics courses only. Group courses by subject area, and complete only the columns for course name, academic year, and official grade.

Civil and Environmental Engineering, Course I

Room: 1-290
Phone: (617) 253-7119
email: cee-admissions@mit.edu
http://cee.mit.edu/graduate/admissions

Types of degrees offered:
M.Eng., M.S.T., S.M., Civil Engineer's Degree, Ph.D., Sc.D.
Please read descriptions of master's degrees before choosing one.

Leaders for Global Operations Program:
S.M. from C.E.E. and M.B.A/S.M. from Sloan

Terms students can be admitted:
September
June (Leaders for Global Operations)

Application deadline:
December 15

Tests required:
GRE: *general test only*
Department codes: 1102 or 1103

One of the two exams below is required for most non-native English speakers. Check department instructions for specific requirements.
IELTS: *Minimum score required: 7*
TOEFL: *Minimum score required: 577*
(233 for computer-based; 90 for internet-based)
IELTS/TOEFL may be waived by department
Department code: 65 or 46

Return applications to: Department of Civil and Environmental Engineering, Room 1-290

Areas of research offered:
Composite Materials and Structures
Computer Aided Engineering
Earthquake Engineering
Engineering Geology
Environmental Chemistry
Environmental Fluid Mechanics & Coastal Engineering
Environmental Geotechnology
Environmental Microbiology
Geoenvironmental Engineering
Geotechnical Engineering
Groundwater Hydrology
High Performance Structures (M.Eng)
Hydrology
Information Technology
Material Engineering
Nondestructive Evaluation
Operations Research
Rock Mechanics
Sediment Transport
Soil Mechanics
Structural Engineering
Structural Materials
Structural Mechanics
Transportation
Transportation Economics
Transportation and Information Systems
Transportation and Logistics
Transportation Policy
Transportation Systems
Underground Construction
Urban Transportation
Water Resources (M.Eng)

MIT-WHOI, Joint Program in Oceanography, Course I-W
Aquatic Biology
Aquatic Chemistry
Chemical Oceanography

Coastal Oceanography
Geochemistry
Hydrodynamics
Marine Ecology
Ocean Acoustics
Plankton Ecology
Remote Sensing
Sediment Transport

Academic Records (Transcripts):

A PDF copy of an original transcript (or Enlish translation) from each university should be uploaded in the application. In addition, we require that one official copy of each transcript (with English translation) be sent to:
Civil & Environmental Engineering Admissions

77 Massachusetts Ave. Room 1-290
Cambridge, MA 02139

Special instructions:

Applicants are expected to use the online application at https://gradapply.mit.edu/cee. CEE's application help page is http://cee.mit.edu/graduate/online-application-help. Applicants should NOT send any supplemental materials other than a CV or abstracts in PDF format uploaded in designated fields of the application.

Comparative Media Studies (CMS)

Room: E15-331
Phone: (617) 253-3599
Fax: (617) 258-5133
email: cms-admissions@mit.edu
http://cms.mit.edu/academics/graduate_apply.php

Type of degree offered:
S.M.

Term students can be admitted:
September

Application deadline:
January 15

Tests required:
GRE: *general test required*
Department code: 4505

International students:
IELTS: *Minimum score required: 7*
CMS does not accept the TOEFL exam.

Special instructions:
Applicants are expected to use the online application. Visit http://cms.mit.edu/academics/graduate_apply.php for further instructions. All additional materials except transcripts should be emailed to cms-admissions@mit.edu. Transcripts should be mailed directly to:

Comparative Media Studies
Massachusetts Institute of Technology
77 Massachusetts Avenue, Room E15-331
Cambridge, MA 02139-4307

Writing samples are required from all applicants and should consist of an academic research paper or one chapter of a longer project. Non-academic writing, such as journalistic pieces, does not qualify as a writing sample. If the context is not clear, please provide a brief description. If the work represents a collaboration, please explain. Writing samples must be submitted electronically.

Applicants are required to complete the Record of Courses Taken in Preparation for Graduate Study form. Please list all courses that are relevant to Comparative Media Studies. Group courses by subject area, and complete each column except the one that asks for textbooks used in each course.

Applicants who wish to be considered for financial aid should identify at least one research project suitable to their background, academic interests, and research goals.
http://cms.mit.edu/research/projects.php

Computation for Design and Optimization (CDO)

Room: 35-329
Phone: (617) 253-3725
email: cdo_info@mit.edu
http://web.mit.edu/cdo-program

Type of degree offered:
S.M.

Term students can be admitted:
September

Application deadline:
January 10

Tests required:
GRE: *general test required; advanced subject test recommended*
Department code: 1699

International Students:
Applicants from non-English speaking countries are required to take the IELTS. CDO no longer accepts the TOEFL exam. A waiver may be considered only under special circumstances.

Special instructions:
All applicants are required to use the unique CDO online application on the MIT Graduate Admissions website, http://web.mit.edu/admissions/graduate/how_to_apply/. The application will be activated in September. Applicants should *not* send published papers or theses; the only paper documents needed are transcripts.

Mailing address:
CDO Administrator, Room 35-329
MIT, 77 Massachusetts Avenue
Cambridge, MA 02139-4307

Computational and Systems Biology (CSB)

Room: 68-230a
Phone: (617)324-4144
Fax: (617) 253-8699
email: csbphd@mit.edu
http://csbi.mit.edu

Type of degree offered:
Ph.D.

Term students can be admitted:
September

Application deadline:
December 1

Tests required:
IELTS: *Minimum score required: 6*
Most typical successful applicants will have a score of 7 or higher. To have IELTS results reported, indicate CSB Graduate Program, MIT on your IELTS test application. No code or address is needed.
GRE: *general test required, subject test optional*
Department code: 5101 Intterdisciplinary Programs

Official transcripts should be mailed to:
CSB Ph.D. Program,
Room 68-230a
MIT, 77 Massachusetts Avenue
Cambridge, MA 02139

Areas of research offered:
Biological Design and Synthetic Biology
Cancer Biology
Cell and Tissue Engineering
Computational Biology and Bioinformatics
Functional Genomics
Gene and Protein Networks
Genomics and Proteomics
Imaging and Image Informatics
Instrumentation Engineering
Molecular Biophysics
Nanobiology and Microsystems
Neurosystems Biology
Predictive Toxicology and Metabolic Engineering

Special instructions:

Applicants should apply online at: https://gradapply.mit.edu/csb/apply/login/

The Subjects Taken Page is optional only if you have attached a pdf of your transcript. Attaching your transcript is strongly preferred for the completion of your application. If no transcript has been attached, this page must be filled in to complete your application and you must follow up with an official transcript sent to the address indicated on the Overview/Help page. Please complete the subjects taken in the following order: Biology, Chemistry, Physics, Math, Engineering/Other Sciences. All other sections are required.

(continued)

Earth, Atmospheric, and Planetary Sciences, Course XII

Room: 54-911
Phone: (617) 253-3381
Fax: (617) 253-8298
email: eapsinfo@mit.edu
http://eapsweb.mit.edu

Types of degrees offered:
S.M., Ph.D., Sc.D.

Terms students can be admitted:
February (*contact department*), June, September *(Joint Program only in June or September)*

Application deadlines:
November 1 *(for February admission)*
January 5 *(for June and September admission)*
Please note that September is our main admissions period.

Tests required:
IELTS: *Preferred*
Minimum score required: 7
TOEFL: *Minimum score required: 577*
(233 for computer-based; 90-91 for internet-based)
IELTS/TOEFL may be waived by department; make request in writing.
Department code: 61 (Astronomy)
71 (Geology)
GRE: *general test required for all applicants; subject test required in either Chemistry or Physics for the Planetary Science area.*
Department code: 0599

Return applications to:
Department of Earth, Atmospheric, and Planetary Sciences, Room 54-911

Areas of research offered:
Atmospheric Science
(dynamics, chemistry, and paleoclimate)
Climate Physics and Chemistry
(biogeochemical cycles, physical oceanography, climate and paleoclimate)
Geobiology
Geochemistry
Geology
Geophysics
Planetary Sciences
(asteroids and Kuiper Belt Objects, Extra-Solar planets, planetary dynamics, planet history/paleomagnetism)

Special instructions:
Applicants are required to complete the Record of Courses Taken in Preparation for Graduate Study form. Please complete the form in two areas: "Major field with minor if closely related" and "Supporting sciences." Mathematics is considered an important part of our program. Please list all Math classes at the beginning of the "Major field" section. The remaining categories do not need to be completed.

Academic Records (Transcripts):
An original copy of your college transcript from each school, translated into English, should be uploaded as an attachment in PDF format to your application. No other attachments will be accepted.

Economics, Course XIV

Room: E52-391D
Phone: (617) 253-8787
Fax: (617) 253-1330
email: econ-admit@mit.edu
http://economics.mit.edu/

Type of degree offered:
Ph.D.

Term students can be admitted:
September

Application deadline:
December 15

Tests required:
IELTS: *Minimum score required: 7*
TOEFL: *Minimum score required: 600*
(250 for computer-based; 100 for internet-based)
TOEFL waiver granted under special circumstances: See our admissions FAQ for waiver guidelines.
Department code: 84
GRE: *general test required*
Department code: 1801

Return applications to: Department of Economics, Room E52-391D

Special instructions:
Applicants must apply online. Paper applications will not be considered. Applicants are required to complete the Record of Courses Taken in Preparation for Graduate Study form. Please list economics and mathematics courses only. Group courses by subject area, and complete each column. You may upload a resume or CV electronically to your application. Hard copies sent via post will not be accepted. Official copies of transcripts should be scanned and uploaded to your online application. When necessary, please have records translated into English. Applicants who are advanced to round two of our admissions process will be required to send, via post, an official, sealed transcript from each school attended. Do not send hard copies of transcripts until you are prompted to do so. Any discrepancy between the scanned transcripts and official transcripts may result in a rejection or withdrawal of our admission offer

Electrical Engineering and Computer Science, Course VI

Room: 38-444
Phone: (617) 253-4603
Fax: (617) 258-7354
email: grad-ap@eecs.mit.edu
http://www.eecs.mit.edu

Types of degrees offered:
M.Eng. *(for MIT Undergraduates only),* S.M., Engineer's Degree, Ph.D., Sc.D.

Leaders for Global Operations Program:
S.M. from E.E.C.S. and M.B.A/S.M. from Sloan

Terms students can be admitted:
September (For Regular Admission)
June (Leaders for Global Operations)

Application deadline:
December 15

Tests required:
IELTS: *Preferred*
Minimum score required: 7
TOEFL: *Minimum score required: 100*
(250 for computer-based)
TOEFL may be waived by department
Department code: 78 (Computer Science)
66 (Electrical Engineering)
GRE: *No (Except for LGO)*

Areas of research offered:
Artificial Intelligence
Bioelectrical Engineering
Circuit Design
Communications
Computational Biology
Computer Graphics
Computer Networks
Computer Systems and Architecture
Devices and Materials
Electromagnetic Energy, Fields and Waves
Signal Processing
Systems, Decision and Control
Theoretical Computer Science

Joint Programs:
Leaders for Global Operations
Woods Hole Oceanographic Institute

Special instructions:
Electrical Engineering and Computer Science requires ALL applicants to use the on-line EECS Graduate Application site which can be accessed from the MIT Graduate Admissions website. The EECS Graduate Application site will be activated in mid-September, is unique to EECS, and is not used by any other department. If you are applying to joint programs and want EECS to be your collaborative department, or if you are applying to a joint program and also want to be considered for regular EECS Ph.D. admission, you should use the online application. Applicants should not send published papers or theses. The only paper documents needed are your transcripts.

Engineering Systems Division (ESD)

Please contact the program applying to with any questions.
http://esd.mit.edu/academics.html

Types of degrees offered:

Engineering Systems Division
S.M. in Engineering Systems (ESD-ESM)
Ph.D. in Engineering Systems (ESD-ESP)

Leaders for Global Operations
S.M. from one of seven participating programs in School of Engineering & M.B.A./S.M. from Sloan (ESD-LGO)

Supply Chain Management
Master of Engineering in Logistics (ESD-SCM)

Systems Design & Management
S.M. in Engineering & Management (ESD-SDM)

Technology and Policy Program
S.M. in Technology and Policy (ESD-TPP)

Possible areas of research:
Aerospace Systems
Assistive Technologies
Business Strategy and Entrepreneurship, Organizational Learning
Complex Socio-Technical System Analysis
Energy and the Environment
Health Care, Pharmaceutical, and Service Industries
Human-Systems Engineering
Industrial Relations
International Relations
Information Technology, Information Systems, Software Engineering
Logistics and Supply Chain Management
Manufacturing (economics, materials, environmental policy, strategy)
Materials (systems analysis, environmental and economic policy)
Networks, Distributed Simulation Systems
Product and Process Design and Development, Technical Innovation
Project Management
Risk and Safety Analysis, Decision-Making, Management
Science, Space, and Technology Policy
Social and Organizational Psychology
System Architecture, Systems Engineering
Technology Policy
Technology Policy for Socio-Economic Development
Transportation Systems

Engineering Systems Division (ESD)

Room: E40-249
Phone: (617) 253-1182
Fax: (617) 258-7733
http://esd.mit.edu/academics.html

Term students can be admitted:
September
June (Leaders for Global Operations)

Application deadline:
December 15

Tests required:
IELTS: *Minimum score required: 7.5*
GRE: *general test required.*
Minimum score required: Verbal: 550 (450 non-native speakers), Quantitative: 700, Analytical Writing: 4.5
Department code: 1612

Additional requirements: Attach résumé or CV and unofficial copies of your transcripts to online application in .pdf format.

Special instructions:
Applicants must apply online. Paper applications will not be considered.

The Engineering Systems Division requires applicants to the Engineering Systems Ph.D. and the Engineering Systems S.M. to use the online ESD Graduate Application site which can be accessed from the MIT Graduate Admissions website. The ESD Graduate Application site will be activated in mid-September, is unique to ESD, and is not used by any other department. If you are applying to the Leaders for Global Operations Joint Programs and want ESD to be your home department you should use this application.

Applicants must also arrange for official transcripts and test scores to be sent to ESD for verification purposes.

Leaders for Global Operations (LGO)

See listing on page 10.

Supply Chain Management (SCM)

See listing on page 15.

System Design and Management Program (SDM)

Room: E40-315
Phone: (617) 253-1055
Fax: (617) 253-1462
email: sdm@mit.edu
http://sdm.mit.edu

Term students can be admitted:
January

Application deadlines:
September 30
(International Students July 15)

Tests required:
IELTS: *Minimum score required: 7.5*
GRE or GMAT: *general test required.*
GRE Minimum score required: Verbal: 550 (450 non-native speakers), Quantitative: 700, Analytical Writing: 4.5; GMAT: 600
Department code: 3537

Return applications to: ESD-SDM, Room E40-315

Special instructions:
SDM requires applicants to complete a special SDM application for admission. The application may be obtained from our website: http://sdm.mit.edu. All applicants must complete the on-line SDM Application.

Technology and Policy Program (TPP)

Room: E40-369
Phone: (617) 258-7295
Fax: (617) 253-7568
email: tpp@mit.edu
http://web.mit.edu/tpp

Term students can be admitted:
September

Application deadline:
December 15

Tests required:
IELTS: *Minimum score required: 7.5*
GRE: *general test required. Strong candidates for the program typically score in the top 10 percent of all three GRE areas (verbal, quantitative, and analytic writing).*

Special instructions:
Applicants must apply online. Paper applications will not be considered.

The Technology & Policy Program (part of the Engineering Systems Division) requires applicants to use the online ESD Graduate Application site which can be accessed from the MIT Graduate Admissions website. The ESD Graduate Application site will be activated in mid-September, and is unique to ESD. It is not used in any other department.

Applicants must also arrange for official transcripts and test scores to be sent to TPP for verification purposes.

Note: The TOEFL is no longer a standard element of the TPP application. Applicants seeking to submit a TOEFL in lieu of an IELTS score should contact TPP.

Harvard-MIT Health Sciences and Technology (HST)

Room: E25-518
Phone: (617) 452-3171
Fax: (617) 253-6692
email: hst-phd-admissions@mit.edu
http://hst.mit.edu

Types of degrees offered:

(continued)

Medical Engineering and Medical Physics (MEMP): Ph.D., Sc.D.
Please note that HST's programs in Neuroimaging, and Bioastronautics fall within MEMP; candidates interested in these programs should apply to MEMP.

Term students can be admitted:
September

Application deadline:
December 15

Tests required:
MEMP: *GRE general test required*
Department code: 0699
IELTS: *Strongly Preferred*
Minimum score required: 7
TOEFL: *Minimum score required: 600*
(250 for computer-based, 100 for internet- based)
Department code: 99

HST requires IELTS or TOEFL score reports for any candidate whose native language is not English. This requirement is waived if the candidate attended a secondary school taught in English.

MEMP THROUGH MIT
Applicants should apply on-line at http://web.mit.edu/admissions/.

For detailed instructions, see http://hst.mit.edu/go/memp_admissions.

MEMP THROUGH HARVARD
Applicants should apply online at http://www.gsas.harvard.edu/prospective_students/admissions_information_for_prospective_graduate_students.php
For detailed instructions, see http://hst.mit.edu/go/memp_admissions.

History, Anthropology, and Science, Technology and Society (HASTS)

Room: E51-163
Phone: (617) 253-9759
email: hasts@mit.edu
http://web.mit.edu/hasts/

Type of degree offered:
Ph.D. in History, Anthropology, and Science, Technology and Society (HASTS).

Term students can be admitted:
September

Application deadline:
January 1

Tests required:
IELTS: *Minimum score required: 7*
TOEFL: *Minimum score required: 90 iBT*
(233 for computer-based; 577 for paper-based)
IELTS or TOEFL may be waived by department.
GRE: *general test required*
Department code: 2703

Special instructions:
Applicants to History, Anthropology, and Science, Technology and Society (HASTS) are required to submit a writing sample by uploading a PDF in the online application. There are no specific parameters in terms of content, but the length should not exceed that of a chapter or article.

Transcripts should also be scanned and uploaded in the online application. When necessary, please have records translated into English. If you cannot provide scanned documents you should send a notice to hasts@mit.edu stating the problem. Applicants who are advanced to the next stage of our admissions process will be required to provide an official, sealed transcript from each school attended.

Applicants are NOT required to complete the Record of Courses Taken in Preparation for Graduate Study form.

Please see http://web.mit.edu/hasts/admissions for more information about submitting your application.

Interdisciplinary Programs

Division of Health Sciences and Technology (HST), Joint Program with Harvard
MIT-WHOI, Joint Program in Oceanography (S.M., Ph.D., Sc.D.)
Leaders for Global Operations (LGO) (dual degree S.M. and M.B.A./S.M. from Sloan School of Management)
Medical Engineering/Medical Physics (MEMP) (Ph.D.) – see HST
Microbiology (MICRO) (Ph.D)
Operations Research Center (ORC) (S.M., Ph.D.)
Program in Polymer Science and Technology (PPST) (Ph.D.)

Leaders for Global Operations Program

Applicants to the dual degree Leaders for Global Operations program must apply for admission either through a participating Master's Program of the School of Engineering or through the Master's Program of the Sloan School of Management.
Room: E40-315.
Phone: (617) 253-1055
Fax: (617) 253-1462
email: lgo@mit.edu
http://lgo.mit.edu

Types of degrees offered:
All LGO students receive an S.M. from the School of Engineering and either an M.B.A. or S.M. from the Sloan School of Management

Term students can be admitted:
June

Tests required:
If applying through Sloan, the applicant may submit either the GMAT or the GRE. If applying through the School of Engineering, the applicant must submit the GRE. The applicant should check with the specific engineering department to see if other tests are required.

Application deadline:
December 15 (*Regardless of engineering department deadline)*

Areas of research offered:
Manufacturing/operations-focused, through the following participating engineering master's programs:

Aeronautics and Astronautics
Biological Engineering
Chemical Engineering
Civil and Environmental Engineering
Electrical Engineering and Computer Science
Engineering Systems
Mechanical Engineering

Special instructions:
See the LGO website for specific application details: http://lgo.mit.edu.
Applicants must apply online through http://web.mit.edu/admissions/graduate.
Paper applications will not be considered.

Linguistics and Philosophy, Course XXIV

Room: 32-D808
Phone: (617) 253-4141
Fax: (617) 253-5017
email: lp-admissions@mit.edu
http://web.mit.edu/linguistics/graduate/admissions/
http://web.mit.edu/philos/www/admission.html

Type of degree offered:
Ph.D.

Term students can be admitted:
September

Application deadline:
January 2

Tests required:
The department of Linguistics and Philosophy will accept TOEFL or the IELTS.
TOEFL: *Minimum score required: 577*
(233 for computer-based)
(90 for internet-based)
TOEFL may be waived by department
Department codes: 04 (Linguistics)

20 (Philosophy)
IELTS: *Minimum score required: 6.5*
GRE: *No*

Return applications to: MIT Department of Linguistics and Philosophy, 32 Vassar St. Room 32-D808 Cambridge, MA 02139

Areas of research offered:
Linguistics
Philosophy

Special instructions:
Applicants to the Department of Linguistics and Philosophy are required to submit a writing sample as part of their application.

Applicants to the linguistics program are very strongly urged to send one or more copies of major research papers (term papers, research reports, theses). These papers need not necessarily be about linguistics, but they should demonstrate an applicant's ability to pursue serious scholarly inquiry. Submitting more than one piece of work is especially appropriate for applicants with research experience in multiple relevant areas. At least one of the writing samples should be written in English, but additional writings in another language can sometimes also be reviewed.

Applicants to the philosophy program should submit a writing sample in philosophy, ideally of 15–25 pages in length. The writing sample should allow us to assess the applicant's understanding of a philosophical problem, and ability to evaluate philosophical arguments. This assessment is usually easier if the writing sample explicitly engages with some of the contemporary philosophical literature.

Applicants to the Linguistics Program are NOT required to complete the Record of Courses Taken in Preparation for Graduate Study form.

Applicants to the Philosophy Program are required to list only relevant texts and authors on the Record of Courses Taken in Preparation for Graduate Study form.

Materials Science and Engineering, Course III

Room: 6-107
Phone: (617) 253-3855
email: dmse-admissions@mit.edu
http://www-dmse.mit.edu/

Types of degrees offered:
S.M., Engineer's Degree, Ph.D., Sc.D.

Terms students can be admitted:
September

Application deadline:
December 15 *(must be received by)*

Tests required:
GRE: *general test required*
Department code: 1402(Materials Engineering)
1403 (Materials Science)
IELTS: *Minimum score required: 7*
IELTS may be waived by Department.
The IELTS requirement will only be waived (1) if you have received instruction in English in primary and secondary school or (2) if you have been in the US for three years and will have received a degree from an American institution before entering MIT. Waiver requests will only be reviewed after paid submission of the MIT graduate admissions application. To request a waiver, include a statement in the comments section of the online application. Note that waiveres are infrequent, and will not be granted for TOEFL substitution. If the waiver is not approved, you will need to take and submit the IELTS score by mid-January.
Note: The TOEFL is not accepted.

Return applications to:
Department of Materials Science and Engineering, Room 6-107

Areas of research offered:
Archaeological Materials
Biological and Polymeric Materials
Computational Materials Science
Materials for Energy and the Environment
Materials Economics and Manufacturing
Nanotechnology, Nanodevices, and Nanomaterials
Electronic, Photonic, and Magnetic Materials
High-performance Structural Materials and Alloys

And are complemented by focused programs that include:
Program in Polymer Science and Technology

You can indicate your interest in these focused programs on your application.

Special instructions:
Applicants are NOT required to complete the Record of Courses Taken in Preparation for Graduate Study form.

Mathematics, Course XVIII

Room: 2-108
Phone: (617) 253-2689
Fax: (617) 253-4358
email: gradofc@math.mit.edu
http://www-math.mit.edu/grad/

Type of degree offered:
Ph.D.

Term students can be admitted:
September

Application deadline:
December 15 ***(must be received by)***

Tests required:
IELTS: *Minimum score required: 6*
TOEFL: *will accept TOEFL iBT (not PBT) in lieu of IELTS*.
GRE: *general and subject test required*
Department code: 0703 (Mathematics)
0702 (Applied Mathematics)
0700 (Mathematical Sciences)

Special instructions:
The Department of Mathematics encourages ALL applicants to use the online application which is on the MIT Graduate Admissions website and will be activated in September. This application is unique to Math and is not used by any other department. Applicants should not send published papers or theses. The only paper documents needed are official transcripts.

Mechanical Engineering, Course II

Room: 1-112
Phone: (617) 253-2291
Fax: (617) 258-5802
email: megradoffice@mit.edu
http://meche.mit.edu

Types of degrees offered:
S.M., M.Eng (for Master of Engineering in Manufacturing only - not to be confused with the Master of Science in Mechanical Engineering), Naval Engineer, Ph.D., Sc.D., Leaders for Global Operations Program - SM from ME and M.B.A./SM from Sloan.

Terms students can be admitted:
June, September

Application deadlines:
December 15
January 15 *(for M.Eng Program)*

Tests required:
IELTS: *Preferred*
Minimum score required: 7
Waiver accepted: No
GRE: *general test required*
Department code: 1502
TOEFL: (min 90 IBT, 233 cbt, 577pbt)

Return applications to: Department of Mechanical Engineering, Room 1-112

Areas of research offered:
Applied Mechanics
Automotive & Aircraft Engines
Biomaterials
Biomechanics (LGO only)
Biomechanics & Neural Control of Movement
Biomedical Engineering
Biorobotics
Combustion
Computational Fluid Dynamics
Computational Mechanics
Computer-Aided Design/Manufacturing
Controls
Cryogenics
Desalination
Design

(continued)

Dynamics
Energy and Environmental Sustainability (LGO only)
Energy and Power
Environmental Engineering
Finite Elements
Fluid Mechanics
Heat and Mass Transfer
Human-Machine Systems
Instrumentation
Internal and External Combustion Engines
Management of Technology
Manufacturing (LGO only)
Materials
Mechanical Behavior of Materials
Mechanics
Mechanics of Materials
MEMS and Nanotechnology
Micro-Electro-Mechanical Systems
Microfluids
Ocean Systems Management (LGO only)
Optical Engineering
Optical Measurement
Precision Engineering
Robots, Manipulators and Teleoperators
Systems Design and Management
Technology and Policy
Thermodynamics
Transportation

MIT-WHOI, Joint Program in Oceanography, Course II-W
Hydrodynamics of Vehicles
Telepresence
Underwater Robotics

Special instructions:
The only paper documents needed are your transcripts.

Center for Ocean Engineering

Degree programs:
Ocean Engineering
Naval Architecture and Marine Engineering

Areas of research offered:
Acoustics
Applied Mechanics
Computer-Aided Design and Fabrication
Environmental Engineering
Fluid Mechanics
Hydrodynamics
Ocean Engineering
Structural Mechanics
Underwater Vehicle Design
Welding Fabrication

Naval Construction and Engineering
Naval Engineering
Ship Design

MIT-WHOI, Joint Program in Oceanography
Environmental Acoustics
Oceanography

Media Arts and Sciences (MAS)

Room: E15-422
Phone: (617) 253-5114
Fax: (617) 253-8542
email: mas@media.mit.edu
http://www.media.mit.edu
Types of degrees offered:
S.M., Ph.D.

Term students can be admitted:
September

Application deadline:
December 15 *(applications must be submitted online)*

Supplemental deadline:
December 31 *(transcripts, IELTS score)*

Tests required:
IELTS: *Minimum score required: 7*
IELTS waiver accepted: No
All international students must take the IELTS exam; TOEFL scores will not be accepted.
Department code: 3514
GRE: *No*

Special instructions:
1) Online applications are required.

2) Applicants must specify three faculty with whom they are applying to work. List these faculty in order of preference at the opening of the statement of objectives. A list of faculty who are admitting students can be found at http://www.media.mit.edu/mas/areas.html

3) Portfolios (containing publications, theses, awards, designs and other work) should be submitted as a URL at the end of your statement of objectives. **Hardcopies are not accepted.**

4.) Letters of recommendation are required to be submitted using the online application system (page two of application). Hardcopies are not accepted.

5.) Applicants are required to complete the Record of Courses Taken in Preparation for Graduate Study form. Please complete the section for courses most relevant to this graduate program and the additional courses section. Group courses by subject area, and complete each column.

Microbiology (MICRO)

Room: 68-139
Phone: (617) 324-0055
Fax: (617) 253-8699
email: microbiology@mit.edu
http://microbiology.mit.edu

Types of degrees offered:
Microbiology Ph.D.

Term students can be admitted:
September

Application deadline:
December 1

Tests required:
GRE: *general test required,*
Department code: 0212
GRE Subject test optional
IELTS*: Minimum score required: 6; most applicants should have scores of 7 or higher. To have IELTS results reported, indicate Microbiology Graduate Program, MIT on your IELTS test application. No code or address is needed.*

Official transcripts should be mailed to:
Microbiology Graduate Program,
Room 68-139

Areas of research offered:
Biochemical, Chemical, and Structural Microbiology
Bioenergy and Metabolic Diversity
Bioinformatics and Computational Microbiology
Ecology and Environmental/ Geomicrobiology
Evolution
Genetics and Physiology
Genomics and Systems Microbiology
Immunology and Host-Microbe Interactions
Metabolic Engineering and Biotechnology
Microbial Oceanography
Molecular and Cellular Microbiology
Virology and Phage Biology

Special instructions:

Applicants should apply on-line at: https://gradapply.mit.edu/microbiology/apply/login

The Subjects Taken Page is optional only if you have attached a pdf of your transcript. Attaching your transcript is strongly preferred for the completion of your application. If no transcript has been attached, this page must be filled in to complete your application and you must follow up with an official transcript sent to the address indicated on the Overview/Help page. Please complete the subjects taken in the following order: Biology, Chemistry, Physics, Math, Engineering/Other Sciences. All other sections are required.

MIT-Woods Hole Oceanographic Institution (WHOI), Joint Program in Oceanography/ Applied Ocean Science and Engineering

Room: 54-911
Phone: (617) 253-7544
Fax: (617) 253-9784
email: mit-whoi-www@mit.edu
http://mit.whoi.edu

Types of degrees offered:
Ph.D., Sc.D. (S.M. for US Navy applicants only)

Terms students can be admitted:
June, September

Application deadlines:
January 5

Tests required:
IELTS: *Minimum score required: 7*
TOEFL: *Minimum score required: 577*
(233 for computer-based; 90-91 for internet-based)
Minimum score for applicants to Course VI-W: 600 (250 for computer-based)
TOEFL may be waived by department under certain circumstances. Make request in writing well in advance of application deadline.
Department code: 75
GRE: *general test required of all applicants.*
Department code: 0508

Special instructions:
Joint program applicants should enter "Woods Hole Oceanographic Institution" as the department and state their desired area of research on item 2 of the application. Applicants must complete the Record of Subjects Taken in Preparation for Graduate Study form

Return applications to: Joint Program Office, Room 54-911, MIT

Areas of research offered:
Main areas of research:
Applied Ocean Science and Engineering
Biological Oceanography
Chemical Oceanography
Marine Geology and Geophysics
Physical Oceanography

Please also see descriptions of interdisciplinary areas of research within the Departments of Civil/Environmental Engineering, Mechanical Engineering, Biology, and Earth, Atmospheric and Planetary Sciences.

Nuclear Science and Engineering, Course XXII

Room: 24-102
Phone: (617) 253-3814
Fax: (617) 258-7437
email: cegan@mit.edu
http://web.mit.edu/nse/

Types of degrees offered:
S.M., Engineer's Degree, Ph.D., Sc.D.

Terms students can be admitted:
June, September

Application deadline:
December 15

Tests required:
IELTS: *Minimum score required: 7*
TOEFL: *Minimum score required: 577*
(233 for computer-based; 90 for internet-based)
TOEFL waiver accepted: No
Department code: 69
All international students must take either the TOEFL or the IELTS.
GRE: *general test required*
Department code: 1609

Return applications to:
Department of Nuclear Science and Engineering, Room 24-102A

Areas of research offered:
Fission Reactor and Fuel Cycle Engineering
Fusion and Plasma Physics (theory/computation)
Fusion and Plasma Physics (experiment)
Fusion Technology and Plasma Engineering
Materials (theory/computation and experiment)
Quantum Engineering
Accelerators, Detectors & Nuclear Security
Nuclear Technology Management and Policy

Special instructions:
Applicants are required to complete the Record of Courses Taken in Preparation for Graduate Study form. Please complete the section for courses most relevant to this graduate program and the additional courses section. Group courses by subject area, and complete each column.

Center for Ocean Engineering

For details, see Mechanical Engineering on page 11.

Operations Research (OR)

Room: E40-149
Phone: (617) 253-3601
Fax: (617) 258-9214
email: lrose@mit.edu
http://web.mit.edu/orc/www/

Types of degrees offered:
S.M., Ph.D.

Term students can be admitted:
September

Application deadline:
December 15

Tests required:
All international students applying to the Operations Research Center are required to take either the TOEFL or IELTS.
IELTS: *Minimum score required: 7*
TOEFL: *Minimum score required:*
(600 for paper-based; 250 for computer-based; 100 for internet-based)
TOEFL waiver may be considered under special circumstances
Department code: 67
GRE: *general test required*
Department code: 1302

Return applications to: Operations Research Center, Room E40-149

Special instructions:
Please indicate "OR" as the department on application form. The ORC encourages all applicants to use the online application. Students should try to limit their Statement of Objectives to one page.
Applicants are required to complete the Record of Courses Taken in Preparation for Graduate Study form. Please complete the section for courses most relevant to this graduate program and the additional courses section. Group courses by subject area, and complete only the columns for course name, academic year, and official grade.

Physics, Course VIII

Room: 4-315
Phone: (617) 253-4851
Fax: (617) 258-8319
email: physics-grad@mit.edu
http://web.mit.edu/physics/graduate/applicants

Types of degrees offered:
S.M., Ph.D.

Terms students can be admitted:
February, September

Application deadlines:
November 1 *(for February admission)*
December 15*(for September admission)*

Tests required:
An English language exam (IELTS, TOEFL, TOEFL iBT, or the C2 Cambridge English Proficiency exam) is required of all applicants who are citizens of a country in which English is not the primary language.
IELTS: *Minimum score required: 7*
TOEFL: *Minimum score required: 600 (250 for computer-based; 100 for internet-based)*
IELTS or TOEFL may be waived by department.
GRE: *general and subject test required*
Department code: 0808

Special instructions:

All applicants are required to use the online application, which can be found on the MIT Graduate Admissions Website. Official transcripts should be scanned and uploaded to your online application. You must provide one copy of the official academic transcript from each college you have attended. Please Note: Applicants who are advanced to the second round of admissions will be asked to submit hard copies of transcripts. Do not send hard copies of transcripts or other supporting documents via post until you are asked to do so. Sending paper copies of documents you have uploaded will significantly delay the processing of your application. Applicants are required to complete the Record of Courses Taken in Preparation for Graduate Study

(continued)

form. Please list physics, mathematics, and other science course only. Group courses by subject area, and complete each column. Applicants are required to list courses taken at MIT.

Areas of research offered:
Experimental
Astrophysics, Space and Planetary Physics
Atomic and Optical Physics
Biophysics, Medical Physics
Condensed Matter Physics
High Energy and Nuclear Physics
Quantum Information Science
Plasma Physics, Nuclear Fusion Research, Relativistic Beam Physics

Theoretical
Astrophysics, Space and Planetary Physics
Atomic and Optical Physics
Biophysics
Condensed Matter Physics
High Energy and Nuclear Physics
Quantum Information Science
Plasma Physics, Nuclear Fusion Research, Plasma Astrophysics

Political Science, Course XVII

Room: E53-467
Phone: (617) 253-8336
Fax: (617) 258-6164
email: twarog@mit.edu
http://web.mit.edu/polisci/

Types of degrees offered:
S.M., Ph.D.

Term students can be admitted:
September

Application deadline:
December 15

Tests required:
TOEFL: *Minimum score required: 600 (250 for computer-based; 100 for internet-based) Department code: 92 Degrees from US or English-speaking universities are not accepted in lieu of TOEFL or IELTS. In limited cases the department will consider a waiver. Applicants must request the waiver form from the department.*
IELTS: *Minimum score required: 7*
GRE: *general test required Department code: 1902*

Special instructions:
Applicants to the Department of Political Science must apply online for either the S.M. Program or the Ph.D. Program. In addition to the Statement of Objectives, applicants must submit a separate writing sample of 5–15 pages. Writing samples should be uploaded as PDF attachments to the online application. Please list only those courses that are relevant to your proposed course of study under Subjects Taken.

Academic Records (Transcripts):
Official transcripts should be scanned and uploaded as PDF attachments to the online application. Accepted applicants will be required to provide an official sealed transcript from each college attended.

Areas of research offered:
American Politics and Public Policy
Comparative Politics
International Relations and Foreign Policy
Models and Methods
Political Economy
Political Philosophy and Social Theory
Security Studies

Program in Polymer Science and Technology (PPST)

Room: 3-435
Phone: (617) 253-0949
Fax: (617) 258-0546
email: ppst-www@mit.edu
http://web.mit.edu/ppst

Types of degrees offered:
Ph.D., Sc.D.

Terms students can be admitted:
February (exceptional circumstances)
September

Application deadlines:
October 1 *(for February admission)*
January 15 *(for September admission, some department admissions deadlines may be earlier)*

Tests required:
Refer to the "Home" department's (see below) requirement for GRE and TOEFL.

Special instructions:
Applications to the Program in Polymer Science and Technology should be made in conjunction with an application to a departmental program in the School of Science or School of Engineering at MIT (the "Home" department). Applications should specify the departmental program of the application and "PPST" or "Program in Polymer Science and Technology" as the interdisciplinary program of study. Original applications should be filed according to the normal procedures for the relevant departmental program, and a copy of the application should be sent to PPST Admissions, Room 66-370. Only one application fee is required. Admission to the departmental program is a prerequisite for further consideration by PPST; once the candidate has been accepted to a department, his or her application will be forwarded by that department to the PPST office for consideration.

Applicants are required to complete the Record of Courses Taken in Preparation for Graduate Study form. Please complete the section for courses most relevant to this graduate program and the additional courses section. Group courses by subject area, and complete each column.

Return applications to: Department of choice (see Special Instructions).

Areas of research offered:
Biodegradable Polymers
Biopolymers and Biomaterials
Colloids and Surfactants
Functional Polymers
High Performance Polymers
Liquid Crystalline Polymers
Polyelectrolytes
Polymer Chemistry
Polymer Mechanics
Polymer Modeling
Polymer Physics
Polymer Processing
Polymer Rheology
Polymer Statistical Mechanics
Structure/Property Relationships
Supramolecular Assembly

Science Writing, Course XXI-W

Room: 14N-108
Phone: (617) 253-6668
Fax: (617) 452-5100
email: sciwrite-www@mit.edu
http://web.mit.edu/sciwrite

Type of degree offered: S.M.

Term students can be admitted:
September

Application deadline:
January 15

Tests required:
IELTS: *Minimum score required: 7.5*
TOEFL: *Minimum score required: 600 (250 for computer-based)*
GRE: *general test required Department code: 4599*

Special instructions:
Departmental application supplement required. Please visit http://sciwrite.mit.edu/program-information/how-to-apply

Return applications to:
Graduate Program in Science Writing
MIT, Room 14N-108
77 Massachusetts Avenue
Cambridge, MA 02139

Sloan School of Management, Course XV

Please see the Sloan School of Management

website at http://mitsloan.mit.edu/academic for information on the following programs:

Biomedical Enterprise
Executive M.B.A.
Leaders for Global Operations (LGO)
Master of Business Administration, M.B.A.
Master of Finance, M.Fin.
Master of Science in Management Studies Ph.D.
Sloan Fellows in Innovation and Global Leadership
System Design and Management (SDM)

Supply Chain Management (SCM)

Applicants to the SCM Program will find complete information about applying on the web at: http://scm.mit.edu

Room: E40-359
Phone: (617) 324-6564
Fax: (617) 253-7972
email: scm@mit.edu

Types of degrees offered:
Master of Engineering in Logistics (SCM)

Term students can be admitted:
September

Application deadlines:
Round 1 – December 1
Round 2 – January 15
Round 3 – April 1

Tests required:
IELTS: *Minimum score required: 7.0*
GRE or GMAT: *general test required.*
Minimum score required:
The admissions committee expects successful applicants will meet or surpass the seventy-fifth percentile (75%) in both verbal and quantitative, and the fiftieth percentile (50%) in analytical writing. Non-native English speakers are expected to achieve at least the forty-fifth percentile (45%) in verbal.
GMAT: 600
GRE Institute code: 3514
GRE Department code: 4313
GMAT code: X5X-QS-17

Return applications to: Supply Chain Management Admissions Office, Room E40-359

Special instructions:
See the SCM website for specific application details. Applicants must apply online. Paper applications will not be considered.

Applicants must also submit a current resume and two essays. Three evaluations are required; we recommend one from a professor and two from supervisors.

System Design and Management Program (SDM)

For program details, see Engineering Systems Division, page 8.

Technology and Policy Program (TPP)

For program details, see Engineering Systems Division, page 8.

Urban Studies and Planning, Course XI

Room: 7-346
Phone: (617) 253-9403
Fax: (617) 253-2654
email: duspapply@mit.edu
http://dusp.mit.edu

Types of degrees offered:
M.C.P., S.M., Ph.D.

Term students can be admitted:
September

Application deadline:
January 3

Tests required:
IELTS: *Minimum score required: 7*
TOEFL: *Minimum score required:*
100 for internet-based; 600 for paper-based
TOEFL waiver accepted: No
Department code: 97
GRE: *general test required*
Department code: 2205/4402
M.C.P. *no minimum*
Ph.D. *minimum score required: 308 (V&Q) combined; 5.0 analytical writing*

Special instructions:
Paper applications will not be considered. The only paper documents required are official test scores and official transcripts mailed to: MIT Department of Urban Studies & Planning DUSP Admissions
77 Massachusetts Avenue, Room 7-346
Cambridge, MA 02139-4307

Special instructions for the S.M. degree:
Under special circumstances, admission may be granted to candidates seeking a one-year Master of Science (S.M.) degree. The S.M. is intended for professionals with at least seven years of distinguished practice in city planning or related fields.

The Department requires a letter from a DUSP faculty member indicating their willingness to advise their thesis. (This may be one of the three letters of recommendation required as part of the application.)

Special instructions for PhD applicants:
All applicants should indicate their first choice program group in the application. In the event your research spans two program groups, and you would like your application to be considered by both groups, you should indicate your first and second choice groups at the top of your Statement of Purpose and then discuss the cross-cutting nature of your research and studies in your essay.

Program groups offered:
City Design and Development
Environmental Policy Program
Housing, Community and Economic Development
International Development Group
Transportation*
Although we do not have a separate Program Group focusing on issues of transportation, many DUSP students choose this as an area of focus. Applicants with particular interest in transportation should indicate this on their application, but should also specify a Program Group (for example, "HCED/transportation").
Urban Information Systems*
Only Ph.D applicants may designate Urban Information Systems (UIS) as the primary group. MCP applicants with a particular interest in computing and technology should select Urban Information Systems as the secondary program group (for example, "CDD/UIS").