

## MIT SLOAN SCHOOL OF MANAGEMENT

The mission of the MIT Sloan School of Management (<http://mitsloan.mit.edu>) is to develop principled, innovative leaders who improve the world and to generate ideas that advance management practice.

MIT Sloan is where smart, independent leaders come together, confident that the world should and can be better. MIT Sloan transforms confidence into ability, channeling determination and drive towards bold action and impact.

We do this through an open approach to management education that does the following:

- Relies on and ensures freedom of exploration and experimentation;
- Harnesses MIT's intellectual resources for a unique understanding of the interconnectedness within and between organizations and technologies;
- Prioritizes learning in the world, through partnerships with innovative enterprises.

At MIT Sloan, we discover tomorrow's interesting and important challenges and opportunities.

### History

The MIT Sloan School grew out of a curriculum in engineering administration—Course 15—that was first offered to MIT undergraduates in 1914. A program leading to a master's degree in management was established in 1925. The world's first university-based executive education program, the Sloan Fellows Program, had its beginnings at MIT in 1931 under the principal sponsorship of Alfred P. Sloan, Jr., the 1895 MIT graduate in electrical engineering who rose to the top of the General Motors Corporation. Sloan endowed the pioneering program in 1938. In 1952, a further grant from the Sloan Foundation made possible the creation of the MIT School of Industrial Management—charged with the education of "the ideal manager." The school was renamed in honor of Mr. Sloan in 1964.

### New Directions

MIT Sloan's array of top-ranked undergraduate, graduate, and executive programs are well known for drawing on the creative and collaborative approaches common to engineering, behavioral science, economics, data analytics, and management science to give managers a competitive edge. In our diverse education and research programs, we work with industry to develop the basic knowledge, insights, tools, and techniques that are shaping the future of the practice of management.

Among MIT Sloan's key strengths are its exceptionally close ties with other world-class departments at MIT, especially in fields

crucial to business, including economics, engineering, and science. One manifestation of this interdisciplinary approach is Leaders for Global Operations (<http://lgo.mit.edu>), an educational and research collaboration with the School of Engineering and industry partners that is transforming manufacturing and manufacturing education. Other examples include the medical innovations course, conducted in partnership with the School of Engineering and doctors at Massachusetts General Hospital.

With a focus on the future of management, MIT Sloan has been aggressive in developing leading edge research programs that have an impact on the emerging practice of business. The school has been a leader in developing the concepts of financial engineering that underlie today's financial markets, for example. The Master of Finance (<http://mitsloan.mit.edu/mfin>), a 12- or 18-month intensive degree program designed to prepare students for careers in the financial industry, has quickly established itself as a premier, in-demand degree program.

In 2016, MIT Sloan launched the Master of Business Analytics (<http://mitsloan.mit.edu/master-of-business-analytics>) program. This rigorous, 12-month program prepares students for careers that apply and manage modern data science to solve critical business challenges.

Reflecting a reality characterized by increasing economic globalization, MIT Sloan is itself an international community. Approximately one-third of the MBA class and close to half of all executive education participants come from outside the United States, and diverse research and educational collaborations have been developed around the world. In addition, the school has a strong network of alumni in more than 100 countries.

As one of the world's preeminent management schools, MIT Sloan strives to prepare its students to be principled, innovative leaders in a rapidly changing world. In an increasingly competitive environment, MIT Sloan must continually listen to the marketplace, explore new directions, and use this knowledge to develop new products, services, and processes quickly and efficiently. To maintain its leadership, MIT Sloan continues to drive change and innovation in a number of areas.

**Action Learning.** (<http://mitsloan.mit.edu/actionlearning>) MIT Sloan's signature experiential learning model immerses students in the world's under-resourced locales to translate knowledge into useful solutions. Action Learning builds resilient, thoughtful leaders capable of solving unstructured problems across business functions. Global Entrepreneurship Lab, Sustainable Business Lab, China Lab, and India Lab are just a few of the avenues through which students can apply classroom concepts and theory to real-world business scenarios.

**Entrepreneurship.** (<http://entrepreneurship.mit.edu>) The Martin Trust Center for MIT Entrepreneurship provides the knowledge, support, and network necessary for MIT students to become successful entrepreneurs. The Trust Center has created

entrepreneurship-focused courses and extracurricular programs, such as New Enterprises and the Founders' Skills Accelerator, to provide students the knowledge and skills needed to turn an idea into a successful venture. The center is staffed by MIT lecturers and experienced practitioners who have conducted rigorous studies on entrepreneurship; students are further supported by a network of industry-leading mentors and provided the workspace and resources necessary for successful venture growth. Bringing entrepreneurship to the world, the MIT Regional Entrepreneurship Acceleration Program (MIT REAP) provides opportunities for communities around the world to engage with MIT in an evidence-based, practical approach to strengthening innovation-driven entrepreneurial ecosystems.

**Global Reach.** (<http://mitsloan.mit.edu/office-of-international-programs>) A top priority for MIT Sloan is to widen the international reach of its educational and research initiatives. MIT Sloan has collaborations with international MBA programs in China's Fudan, Tsinghua, and Lingnan universities. The School also hosts university faculty from China, Turkey, Portugal, and Brazil for training in teaching and course development, and to work on research projects. MIT Sloan has engaged in collaborations with The Lisbon MBA in Portugal, Sabanci University in Turkey, and Vale Institute of Technology in Brazil. The school also works with the Indian School of Business in India, Nanyang Technological University in Singapore, and the Epoch Foundation in Taiwan. Together with Malaysia's central bank, MIT Sloan recently co-founded the Asia School of Business in Kuala Lumpur.

## Research Centers

MIT Sloan faculty actively participate in the following interdisciplinary research centers:

- Center for Collective Intelligence (<http://catalog.mit.edu/mit/research/center-collective-intelligence>)
- Center for Energy and Environmental Policy Research (<http://catalog.mit.edu/mit/research/center-energy-environmental-policy-research>)
- Center for Information Systems Research (<http://cisr.mit.edu>)
- Computer Science and Artificial Intelligence Laboratory (<http://catalog.mit.edu/mit/research/computer-science-artificial-intelligence-laboratory>)
- Initiative on the Digital Economy (<http://catalog.mit.edu/mit/research/initiative-digital-economy>)
- Joint Program on the Science and Policy of Global Change (<http://catalog.mit.edu/mit/research/joint-program-science-policy-global-change>)
- Laboratory for Financial Engineering (<http://catalog.mit.edu/mit/research/laboratory-financial-engineering>)
- Legatum Center for Development and Entrepreneurship (<http://catalog.mit.edu/mit/research/legatum-center-development-entrepreneurship>)

- Martin Trust Center for MIT Entrepreneurship (<http://catalog.mit.edu/mit/research/martin-trust-center-entrepreneurship>)
- MIT Golub Center for Finance and Policy (<https://gcfp.mit.edu/about>)
- MIT Energy Initiative (<http://catalog.mit.edu/mit/research/mit-energy-initiative>)
- MIT Leadership Center (<http://leadership.mit.edu>)
- MIT Sloan Initiative for Health Systems Innovation (<https://hsi.mit.edu>)
- MIT Sloan Sustainability Initiative (<http://mitsloan.mit.edu/sustainability>)
- Operations Research Center (<http://catalog.mit.edu/mit/research/operations-research-center>)

Information about these centers is available in the Research and Study section (<http://catalog.mit.edu/mit/research>) and on the MIT Sloan website (<http://mitsloan.mit.edu/faculty/research>).

## Publications

MIT Sloan produces publications that enjoy robust readership within the MIT community, across the country, and around the world. *MIT Sloan Management Review* leads the discourse among academic researchers, business executives, and other influential thought leaders about advances in management practice that are transforming how people lead and innovate. *MIT SMR* disseminates new management research and innovative ideas so that thoughtful executives can capitalize on the opportunities generated by rapid organizational, technological, and societal change.

The alumni magazine *MIT Sloan* aims to connect alumni to the school and to one another through compelling news features, faculty articles, student and alumni profiles, and class notes.

## Degrees Offered in the MIT Sloan School of Management

### Management (Course 15)

Degree	Program
SB	Business Analytics
SB	Finance
SB	Management
MBA	Business Administration
MBA <sub>n</sub>	Business Analytics
MFin	Finance
SM	Management
SM	Management of Technology
SM	Management Research
SM	Management Studies
SM/MBA	Engineering/Management—Leaders for Global Operations <sup>1</sup>

PhD	Management
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### ***Design and Management (Integrated Design and Management & System Design and Management)***

<b>Degree</b>	<b>Program</b>
SM	Engineering and Management <sup>1</sup>

### ***Operations Research***

<b>Degree</b>	<b>Program</b>
SM	Operations Research <sup>1</sup>
PhD	Operations Research <sup>1</sup>

### **Notes**

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

<sup>1</sup> See *Interdisciplinary Programs* (<http://catalog.mit.edu/interdisciplinary>).

### **Admissions**

The selection process at MIT is holistic and student centered: each application is evaluated within its unique context. Selection is based on outstanding academic achievement as well as a strong match between the applicant and the Institute.

Undergraduate applicants do not apply to a particular school, department or program and, although the application asks about a preferred field of study, most admitted undergraduates do not declare a major until the second semester of their freshman year. Admissions information for regular, transfer, and non-degree applicants is provided in the section on Undergraduate Education (<http://catalog.mit.edu/mit/undergraduate-education>).

Applicants for graduate study apply directly to the particular department or program of interest. See the individual department and program descriptions for specific requirements.

### **Office of the Dean**

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