

# ADVANCED STUDY PROGRAM


*PUT MIT TO WORK FOR YOU*

MASSACHUSETTS  
INSTITUTE OF  
TECHNOLOGY



PROFESSIONAL  
EDUCATION





In a highly competitive, global business world, the MIT Advanced Study Program provides a wonderful opportunity for experienced industry professionals to update and advance their knowledge through a high caliber, customized student experience at MIT. Program Fellows come from all over the globe to learn from the Institute's renowned faculty and cutting-edge research to tap into MIT's myriad other educational resources. They then return to their respective companies and countries equipped with the knowledge and energy to scale even greater competitive heights!

**Bhaskar Pant**

Executive Director  
MIT Professional Education





## ENROLL at MIT on your own terms

Science and technology evolve at remarkable speed, and today's technical professionals need to stay well ahead of the curve. Perhaps you need to gain expertise in an emerging field like nanotechnology. Maybe you need to build a foundation to take on new challenges in the pharmaceutical industry. Possibly your company needs to evaluate current energy alternatives or to adopt Lean practices to optimize your manufacturing efficiency. How do you plan to meet these needs? By enrolling in MIT Professional Education's Advanced Study Program.

For more than 45 years, the Advanced Study Program has provided the framework that allows participants from around the world to access the best minds of our time, with the flexibility to create custom curricula from a spectrum of disciplines or within one core area, to meet individual or company objectives. As an Advanced Study Program Fellow, you would be able to choose from over 2000 MIT undergraduate and graduate courses as you study on campus full time or part time, for a semester, a year, or longer. You will have the ability to tailor your program to fit your personal schedule and goals.



# TAKE advantage

Advanced Study Program Fellows enjoy all the benefits associated with being part of the MIT community. You will learn from globally-renowned faculty and sit beside top students from around the world. You will connect with a group of people committed to advancing new knowledge, ensuring technological and operational excellence, and leading change in the world. You will be exposed to emerging technologies, theories, and practices that address societal and industry issues. You will participate in groundbreaking research projects. As a result, you will deepen your level of understanding and markedly broaden your perspective.

## Access to incomparable resources

- ▶ World's leading faculty experts
- ▶ Cutting-edge research
- ▶ Extensive network of libraries
- ▶ Institute-wide lectures and events
- ▶ Interdisciplinary networking opportunities
- ▶ Private lounge with office space



<http://advancedstudy.mit.edu>

# EXPERIENCE the rich global mix

The Advanced Study Program has global appeal and admits 30-40 Fellows each semester, many from outside the US. Some intend to return and introduce innovative concepts to their workplace. Others plan to apply their studies to future graduate work. All Fellows are highly-motivated, talented professionals who have the drive and focus to succeed in a complex and rapidly changing world. They have strong academic credentials. All have earned a Bachelor's degree or higher; in fact, about one-third has earned an advanced degree. Their backgrounds include engineering, business, finance, economics, mathematics, or other sciences. Up to half are full-time students; the rest are part-time taking one or two courses per semester.

## Demographic make-up

- ▶ Mid-level managers and above
- ▶ 35% come from abroad
- ▶ 65% work in engineering and technical fields
- ▶ More than 500 organizations in over 75 countries represented



“ASP was not only a bridge to get admitted for PhD but also the best program to get refreshed after being 10 years out of school.”

*Mohammad / PhD Candidate / USA*

“I am already able to apply the technical skills I am learning in the course to my current job.”

*Lisa / Technical Director, Aerospace / USA*

“The ASP is an open door to MIT that leads to many opportunities, exciting ideas and career development. The MIT community is very open and receptive, your best tools while here are imagination and focusing on your goals.”

*Oscar / CIO / Mexico*

“Everyone at MIT is so passionate and eager. On every team project, I was able to learn from the different perspectives each member brought. Students from all over the world attend MIT. Thus, one can benefit from their academic and professional knowledge as well as from all their cultural perspectives.”

*Alex / Engineer, Data Networks / Ecuador*



“The knowledge of available tools has greatly enhanced my ability to know what can be done and what cannot without the need to consult specialists from other fields, thereby increasing the rate of finding the best solution to each objective”

*Peter / Research Scientist / Finland*

“This course helped me to fulfill my deliverables to the company in an efficient, effective and more confident manner.”

*Sanjeev / Technologist / India*

“The most valuable experience that I had in the Advanced Study Program has been learning about leading edge topics being taught by the greatest professors along side highly motivated students. It was not like studying. It seemed like I came to another planet. My world has totally changed.”

*Masahiro / Entrepreneur / Japan*



**PROFESSIONAL EDUCATION**

Advanced Study Program



# DESIGN a flexible, customized program

Advanced Study Program Fellows create their own curriculum and set their own pace for studies. You may enroll for one or more semesters and may participate in the program on a full, half, or quarter-time basis. In some cases, you may also be able to arrange research opportunities with faculty. You will earn grades, MIT credit, and an Advanced Study Program certificate of completion at the end of your program.

## ASP Fellows may enroll in most courses in any of these MIT academic departments:

- ▶ Aeronautics & Astronautics
- ▶ Architecture
- ▶ Biology
- ▶ Biological Engineering
- ▶ Brain and Cognitive Sciences
- ▶ Chemical Engineering
- ▶ Chemistry
- ▶ Civil and Environmental Engineering
- ▶ Comparative Media Studies
- ▶ Computational & Systems Biology
- ▶ Earth, Atmospheric, & Planetary Science
- ▶ Economics
- ▶ Electrical Engineering & Computer Science
- ▶ Engineering Systems Division
- ▶ Health Sciences & Technology
- ▶ Humanities, Arts, & Social Sciences
- ▶ Linguistics & Philosophy
- ▶ Management\*
- ▶ Materials Science & Engineering
- ▶ Mathematics
- ▶ Mechanical Engineering
- ▶ Media Arts & Sciences
- ▶ Nuclear Science & Engineering
- ▶ Ocean Engineering
- ▶ Physics
- ▶ Political Science
- ▶ Urban Studies and Planning

\*some restrictions apply



LEARN MORE

## APPLY now

Prospective participants may submit an application by filling out the form online at <http://advancedstudy.mit.edu> or by printing the form and then faxing or mailing it to the MIT Professional Education Office.

Candidates are admitted based on their academic and professional background, the overall quality of their application including a resume, a statement of objectives, a statement of financial support as well as recommendations that attest to their ability to benefit from MIT-level work. Applications may be submitted up to nine months before the semester in which the student wishes to begin. Acceptance letters are typically mailed within two weeks of receipt of all materials.



## PUT MIT TO WORK FOR YOU

Advance your knowledge and prepare to meet your industry's greatest challenges by pursuing a customized academic program at MIT. Immerse yourself in the unparalleled resources of one of the world's preeminent science and technology educational institutions.

Apply today at <http://advancedstudy.mit.edu>

### Contact

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