Advances in computing—including hardware, software, algorithms, and artificial intelligence (AI)—will be a defining force in the next phase of human history. This is perhaps most visible with the development of AI systems that augment or replace human decision making and reasoning. These technologies will deliver opportunities we cannot yet imagine. At the same time, they will pose important and growing societal and ethical challenges and responsibilities regarding issues such as privacy, public safety, trustworthiness of information, the nature of work, and security of nations.

In this galvanizing moment, the Institute is creating the MIT Stephen A. Schwarzman College of Computing to address global opportunities and challenges presented by the computing and AI era. The College will educate leaders and drive innovation and societal responsibility for the future.

Beginning in September 2019, the MIT Schwarzman College of Computing will reshape the Institute to:

• deliver the latest advances in computer science and AI while leading the rapid evolution and growth of computing fields;
• discover new capabilities of computing across MIT while creating powerful new collaborations between computing and other disciplines; and
• develop means of addressing societal and ethical challenges of computing and AI while building “habits of mind and action” in those who create and deploy computing technologies.

In realizing this transformative change, MIT will:

• immediately begin the design and construction of a new building for the College;
• hire 50 new faculty, both within the College and together with other academic departments across MIT; and
• create new academic structures for collaborative education, research, and innovation in computing across all of MIT’s schools.

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 first 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.

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