

## Master of Science in Software Engineering

Drexel University's College of Engineering is an internationally recognized leader in engineering education. It is the third largest private engineering college in the United States, with numerous faculty recognitions, highly ranked programs, and research accomplishments. The online software engineering degree program draws on the diverse expertise of distinguished Drexel University faculty. In its online format, the program continues Drexel's tradition of leadership and excellence in educating engineers for successful careers since 1891.

### Master of Science in Software Engineering

The online M.S. in Software Engineering degree is designed to address the rapid rise in demand for software engineering professionals by offering courses and degrees that provide students with the skills employer's desire and knowledge needed to make an immediate contribution to the workplace. The multidisciplinary curriculum provides an understanding of the latest technologies and tools that are being developed and encompasses behavioral, managerial and technical aspects of software engineering.

The software engineering degree program is designed specifically for students who are interested in a range of application domains. It prepares students for key roles in industry, government agencies, academia and other institutions.

Graduates of this program have found their degrees to be highly valued credentials in the field. Many have advanced as senior managers within large engineering firms or became successful as entrepreneurs in the software engineering field.

### Concentration Tracks

Students select an area of concentration, or track, which allows them to take a cohesive, more specialized set of courses supporting their individual career interests.

Three tracks are available:

- Computer Science: for individuals interested in a variety of technical topics pertaining to the development of software systems.
- Engineering: for individuals interested in techniques to model engineering problems and offer software solutions.
- Information Science and Technology: for students interested in applying software engineering to information systems problems in commercial organizations and other settings.

### Program Features

- Rigorous study in software engineering courses with the option of taking courses in Engineering, Computer Science, or Information Science and Technology.
- Taught by experienced faculty who are successful professionals in the field and consistently recognized for their scholarly work and professional achievements.
- Highly interactive e-Learning method designed to challenge and engage students, while remaining convenient for working professionals.

#### What our students say...

"The online course are flexible, feedback from professors was timely, and group projects were interesting."

"Excellent course. Team projects and use of presentation software were great learning tools."

## Admissions Criteria - Engineering and Computer Science Tracks

- A four-year bachelor's degree in engineering or computer science from an accredited institution in the U.S. or an equivalent international institution.
- A minimum cumulative GPA of 3.0 (B) for the last two years of undergraduate work. For any additional graduate work, the average GPA must be at least 3.0.
- Complete graduate school application.
- Official transcripts from all universities or colleges attended.
- Two letters of recommendation (professional or academic).
- Submission of your resume and a 500 word essay on why you wish to pursue graduate studies in software engineering.
- International Students must submit a TOEFL score indicating a minimum of 600 (paper exam) or 250 (CBT exam).

## Admissions Criteria - IST Track

- A four-year bachelor's degree from an accredited institution in the U.S. or an equivalent international institution.
- A minimum cumulative GPA of 3.0 (B) for the last two years of undergraduate work. For any additional graduate work, the average GPA must be at least 3.0.
- Scores from the General Aptitude Test of the GRE. Applicants who have at least a 3.2 GPA for the last two years of their undergraduate work may be eligible for admission without the GRE. This decision is made by the associate dean of the College after reviewing the application.
- Complete graduate school application.
- Official transcripts from all universities or colleges attended.
- Two letters of recommendation (professional or academic).
- Submission of your resume and a 500 word essay on why you wish to pursue graduate studies in software engineering.
- International Students must submit a TOEFL score indicating a minimum of 600 (paper exam) or 250 (CBT exam).

## How eLearning Works

Delivered fully online, through Drexel's highly interactive eLearning method, the program offers unprecedented convenience and flexibility for working professionals.

- You take courses part-time and have access to lectures, reading materials, assignments, exams and your professors using a standard computer connected to the Internet.
- Students interact with your instructors and classmates through e-mail and web-based threaded discussions.
- All readings, work sessions, assignments and other tasks are prespecified and monitored on a continuous basis. Written assignments, exams, access to grades and feedback from instructors are all online.

## Employer Sponsored Programs

We collaborate with corporations and employers nationwide to provide access to our programs through lower rates and tuition reimbursement plans.

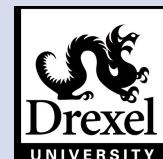
## Financing Your Education

- Government aid programs are available to students pursuing degrees and taking at least six credits per term.
- Interested applicants should ask their employers about available tuition reimbursement benefits.
- Deferred payment plans are available through Drexel's Bursar's Office.
- Drexel University accepts Discover, American Express, and MasterCard.

For more financing information, contact the Financial Aid Office at (215) 895-2537 or the Bursar's Office at (215) 895-1445.

For further information about this program, please visit us online at [www.drexel.com/se](http://www.drexel.com/se).

For more information, visit [www.drexel.com/se](http://www.drexel.com/se), call (877) 215-0009 (toll-free), or e-mail [info@drexel.com](mailto:info@drexel.com).



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