

Master of Science in Computer Science

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 M.S. in Computer Science offers students career-oriented course work that places equal emphasis on theory and practice to prepare students for work on the cutting edge of technology.

M.S. in Computer Science

The Master of Science in Computer Science furnishes students with an in-depth understanding of core and advanced topics in computer science and teaches students how to use the latest tools to represent, model and solve real world problems. The curriculum provides a solid foundation and training for practicing computational scientists, computer specialists or software engineers in business, industry or government.

Offered by the Department of Computer Science, faculty expertise includes: applied algorithms and data structures, artificial intelligence and intelligent systems, cognitive modeling, computer graphics, computer science education, computer vision, distributed systems, high performance computing, human-computer interaction, networking and security, scientific computation, and software engineering.

In its online format, this program continues Drexel's tradition of leadership and excellence in educating engineers for successful careers since 1891. Graduates of the program have found their degrees to be highly valued credentials. Many have advanced as senior managers and executives or became successful entrepreneurs in the field.

Program Features

- Highly interactive, eLearning system engages students through web-based discussions and audio or video lectures while remaining convenient for the working professional.
- Rigorous study in Computer Science courses, covering topics that are essential for today's practicing professional.
- Taught by experienced faculty who are also successful professionals in the field and are regularly recognized internationally, nationally, and within the institution for their professional achievements and scholarly work.
- Precore courses included in online offerings. These courses allow those with some background in computer science to make the transition to the graduate Computer Science curriculum.
- Ability to take classes from other online graduate programs offered through Drexel. Electives may be chosen from courses in Engineering Management, Information Science and Technology, and other Drexel departments with online graduate offerings.

What our students say...

"The online course are flexible, feedback from professor to students questions was timely, group projects were interesting."

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

"Really enjoyed the course...learned a lot and felt like I was in the actual classroom."

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.

Students are not left alone in this program. Our eLearning method encourages interaction and networking among the select group of professionals who attend.

Admissions Criteria

- A four-year Bachelor of Science degree in computer science, engineering or the physical sciences from an accredited institution in the United States or an equivalent international institution.
- A minimum cumulative GPA of 3.0 (B) for the last two years of undergraduate work. If any other graduate work has been completed, 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 engineering.
- International Students must submit a TOEFL score indicating a minimum of 600 (paper exam) or 250 (CBT exam).

Admissions Procedure

New students may be admitted four times a year for classes starting in Fall, Winter, Spring or Summer terms.

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/cs.

For more information, visit www.drexel.com/cs, call (877) 215-0009 (toll-free), or e-mail info@drexel.com.



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