

## Master of Science in Electrical 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 M.S. in Electrical Engineering was ranked among the Top 50 Electrical Engineering Graduate Programs by U.S. News & World Report, and aims to prepare students for successful careers in the industry.

### M.S. in Electrical Engineering

Drexel's Master of Science in Electrical Engineering offers high-level graduate work with strong foundations in theory, to equip students with the skills necessary to grasp and develop new technologies and trends in the field. Students will be prepared to make an immediate contribution to the workplace and become leaders in the field.

This program consists of 45 credits (15 courses) and is organized in 10 week quarters. Students may take courses in the areas of Computer Engineering, Power Engineering, Controls, Robotics, Signal Processing, Telecommunications Engineering, Solid State Physics and Electronics, and more.

Students are required to take a minimum of 10 Electrical and Computing Engineering (ECE) courses, with at least three course sequences (9 courses or 27 credits). The remaining graduate courses may be selected from other Electrical and Computing Engineering courses or the online Engineering Management program.

Students may also choose two of the elective courses by taking any other Drexel graduate-level course in engineering, physics, math, business, or other discipline, upon approval from the ECE Graduate Advisor and appropriate college.

### Program Features

- Highly applicable and career oriented; designed for practicing engineering professionals.
- A quality program: Taught by experienced faculty who are also successful professionals in the field. Nearly a third of the faculty members in ECE are IEEE Fellows and are regularly recognized internationally, nationally, and within the institution for their professional achievements and scholarly work.
- Interactive e-Learning method designed to challenge and engage students, while remaining convenient for working professionals.
- Graduates of these programs have found their degrees to be highly valued credentials. Many have advanced within their present organizations, while others have accepted responsibilities with new employers or gone on to found their own businesses.

### What our students say...

"Online course is flexible, feedback from professor to students questions was timely, group projects were interesting."

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

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

"Very quick turnaround on feedback, which was very helpful."

## 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.
- You interact with your instructors and classmates through e-mail and web-based threaded discussions.
- All readings, assignments and other tasks are prespecified and monitored on a continuous basis. Written assignments, exams, access to grades and feedback from instructors are all available online.

## Admissions Criteria

- A four-year Bachelor of Science degree in Electrical Engineering or a Bachelor of Science degree in Physics from an accredited institution in the U.S or an equivalent international institution. Applicants with a Bachelor's degree in "engineering technology" will generally not qualify for admission.
- 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 the Fall, Winter, Spring or Summer terms.

## Employer Sponsored Programs

We collaborate with many 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/ee](http://www.drexel.com/ee).

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



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