

# MASTER OF ENGINEERING

ONLINE



The University of Illinois at Chicago Master of Engineering (MEng) is a professional degree program offered entirely online. The main objectives of the MEng online program are as follows:

- 1) To provide graduate training that is controlled by the employer's needs, and may respond to these changing needs in real time by creating new specializations with no delay;
- 2) To provide graduate engineering education to students in remote areas of the state, the country and the world, and/or to students who can access instruction only asynchronously;
- 3) To provide interdisciplinary technical upgrading to engineers in small and medium-sized industries; and
- 4) To provide specialized technical training to a geographically dispersed group of students.

In addition to the general track, students may choose from three well-developed specialized tracks: Bioinformatics (BIOE), Electromagnetic Engineering (EME) and Wireless Communications and Signal Processing (WCSP).

## TARGET AUDIENCE:

The MEng degree program is aimed at professionals who intend to augment or update their knowledge in engineering and applied science.

## ADMISSION REQUIREMENTS:

Criteria for admission to the program are the same as those for admission to UIC on-campus programs:

- Students must have completed a baccalaureate or equivalent degree in an appropriate field of engineering or in a closely related field (e.g., computer science, mathematics, or physics).
- A cumulative GPA of at least B in all undergraduate study. (This requirement may be waived if applicant has sufficiently meaningful professional experience.)
- Students whose native language is not English must demonstrate proficiency in English. A minimum TOEFL score (current test) of 213 is required, or a score of 550 on the earlier version.

## COST:

All students admitted to online programs are assessed the e-Tuition. See UIC's Office of Admission and Records Web site: [http://www.uic.edu/depts/oar/grad/tuition\\_grad.html](http://www.uic.edu/depts/oar/grad/tuition_grad.html) and choose the relevant academic year for the e-Tuition rate, which is found in the "Notes" section below the tuition tables.

## REGISTRATION PROCEDURE:

See <http://www.uic.edu/eng/meng>

## ACADEMIC CALENDAR:

Fall and Spring Semesters.

## DELIVERY MODE:

All coursework is Internet-based, taken asynchronously (anytime) with the exception of group projects and proctored exams.

## TRANSFER HOURS POLICY:

A maximum of three graduate courses (for a maximum of 12 semester credit hours) that have not been used toward another degree and in which grades of at least B have been received may be transferred from another institution, provided that the student has already completed at least 3 engineering courses toward the MEng.

## NON-DEGREE COURSEWORK OFFERED:

Students may apply as non-degree and take individual courses or apply to any of the four certificate programs within the Master of Engineering program:

- Electromagnetics Technology Certificate (12 credit hours)
- Wireless Communication Technology Certificate (12 credit hours)
- Engineering Law and Management Certificate (12 credit hours)
- Bioinformatics Certificate (12 credit hours)
- Disaster Management Certificate (12 credit hours)

## CONTACT PERSON(S):

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## WEBSITE:

<http://www.meng.uic.edu>

## REQUIRED COURSES:

Each student needs to complete 36 semester credit hours, which includes taking the following two required courses:

- Engineering Law (4 credit hours)
- Engineering Management (4 credit hours)

The complete list of courses offered as part of the Master of Engineering program can be viewed on the MEng Web site: <http://www.uic.edu/eng/meng/courses.htm>

## TOTAL HOURS NEEDED:

36 semester credit hours

## SPECIAL CHARACTERISTICS:

The MEng degree program offers both on-campus and off-campus students an opportunity to pursue their educational goals in an asynchronous classroom (with the exception of exams), where students decide when to access their classes. The MEng is a professional degree based exclusively on coursework, without a research component.