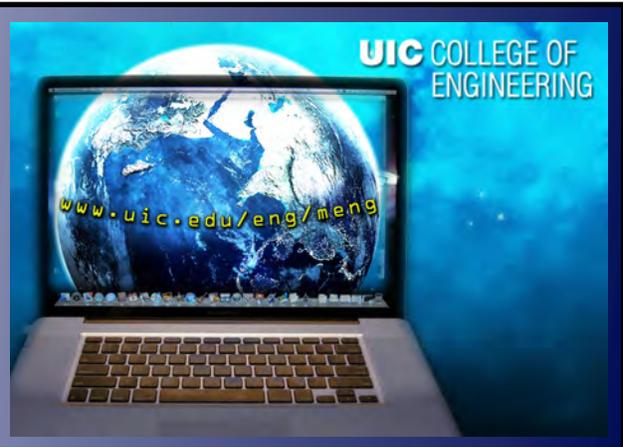


MEng

Master of Engineering Online

www.uic.edu/eng/meng



The UIC MEng degree offers a curriculum that you can customize to advance your career: **Start any term – fall, spring or summer; Study while working; Study part-time; Access your class any time of the day or night; Course work only – no thesis or project; Design your own curriculum.**

Choose from the following areas:

- ▶Bioinformatics
- ▶Wireless Communications & Signal Processing
- ▶Electromagnetics
- ▶Chemical Engineering
- ▶Computer Engineering & Science
- ▶Energy Resources
- ▶Generic Track

This program is approved by the Illinois Board of Higher Education.

Program Requirements

All students must complete a minimum of 36 semester hours of graduate coursework with a 3.00/4.00 GPA. All degree requirements must be completed within six years of admission. Of the 36 semester hours, all students are required to take the following 2 core courses:

- ▶Engineering Law (4 credit hours)
- ▶Engineering Management (4 credit hours), and choose from the rest:

Quasi Static Electric and Magnetic Fields
Digital Communications
Wireless Communication Networks
Digital Systems Design
Wireless Data
Electromagnetic Field Theory
Optical Electronics
Engineering Law (*core course*)
Engineering Management (*core course*)
Intellectual Property Law
Advanced Thermodynamics
Fund. & Design of Microelectronics Processing
Introduction to Bioinformatics
Biostatistics
Molecular Modeling in Bioinformatics
Computational Genomics
Imaging Informatics
Analog Circuits & Networks
Transport Phenomena
Introduction to Radio Frequency Circuits

Biodatabase
Biodatamining
Microhydrodynamics, Diffusion, & Membrane Tr.
Computational Molecular Modeling
Object Oriented Programming
Wave Propagation and Communication Links
Electromagnetic Compatibility
Multimedia Communication Networks
Microdevices and Micromachining Technology
Advanced Computer Architecture
Electromagnetic Scattering
Advanced Wireless Communication Networks
Air Pollution Engineering
Reliability Engineering
Non-Newtonian Fluid Mechanics
Plasma Engineering
Introduction to Data Management & Databases
Transmission Lines for Communication & Power
Methodologies for System Level Design & Modeling
Advanced Digital Systems Design

Program Cost

Tuition & Fees: \$725/credit hour

Application Fee (one-time only):
\$60 all applicants

Admission Deadlines

Fall: July 1
Spring: November 1

Admission Requirements

Degree Requirements:

Entering students must have received a baccalaureate or equivalent degree in an appropriate field of engineering or in a closely related field (such as computer science, mathematics, or physics) from a recognized institution of higher learning.

Grade Requirements:

A cumulative grade-point-average of at least 3.00 (A=4.00) for the final sixty semester hours (ninety quarter hours) of undergraduate study is required for admission to the MEng program.

Note: Applicants who do not meet the admission qualifications, but whose professional experience in engineering might otherwise qualify them for entry into the program, may petition the Governing Committee for special consideration.

English Fluency Requirements: Students whose native language is not English must demonstrate fluency in written and spoken English by passing either the TOEFL exam or the IELTS (International English Language Testing System) exam.

Contact Information

To apply to the MEng program or for further information, please visit our program website at www.uic.edu/eng/meng

If you have any questions, please contact our Program Coordinator, Carolyn Williams. For academic questions, please contact Professor Uslenghi at uslenghi@uic.edu

MEng Program
University of Illinois at Chicago
College of Engineering (MC 171)
851 South Morgan Street
Chicago, IL 60607-7043

Phone: (312) 996-9806
Fax: (312) 996-8664

E-mail: carolynw@uic.edu

Certificate Programs are also available:

- **Engineering Law & Management**
- **Wireless Communication Technology**
- **Electromagnetics Technology**
- **Bioinformatics**