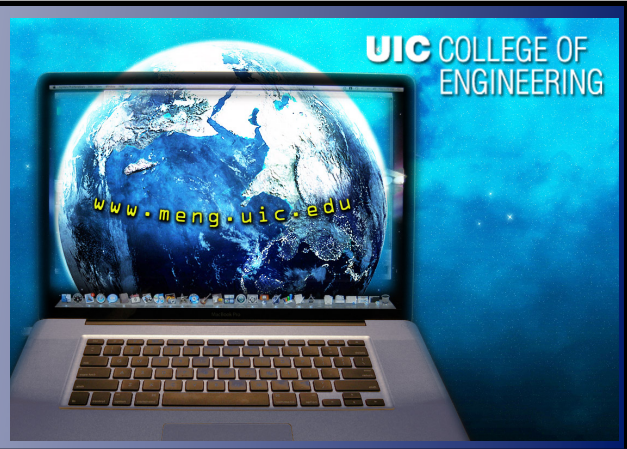


MEng

Master of Engineering Online

www.meng.uic.edu



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 courses from the following areas:

- ›Bioinformatics
- ›Chemical Engineering
- ›Computer Engineering & Science
- ›Electromagnetics
- ›Generic
- ›Wireless Communications & Signal Processing

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
- Engineering Management & Commercialization of Intellectual Property
- Advanced Thermodynamics
- Microhydrodynamics, Diffusion and Membrane Transport
- Computational Molecular Modeling
- Systems Biology & Omics Data
- Introduction to Radio Frequency Circuits
- Advanced Digital Systems Design
- Methodologies for System Level Designs & Modeling
- Embedded Processors & Architectures
- Imaging Informatics
- Analog Circuits & Networks
- Transport Phenomena
- Biodatabase
- Biodatamining
- Plasma Engineering
- Introduction to Data Management & Databases
- Transmission Lines for Communication & Power
- Disaster Response & Recovery Operations
- Environmental Risk Assessment & Management
- Critical Infrastructure & Resource Protection Planning
- Foundations of Emergency Management & Continuity Programs
- Object Oriented Programming
- Wave Propagation and Communication Links
- Electromagnetic Compatibility
- Multimedia Communication Networks
- Advanced Computer Architecture
- Electromagnetic Scattering
- Advanced Wireless Communication Networks
- Air Pollution Engineering
- Reliability Engineering
- Non-Newtonian Fluid Mechanics
- Introduction to Bioinformatics
- Biostatistics
- Molecular Modeling in Bioinformatics
- Computational Genomics

Program Cost (as of Spring 2012)

Tuition & Fees: \$740/credit hour

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

Admission Deadlines

www.uic.edu/eng/meng/deadlines

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 biology, chemistry, 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 (see the website for details).

Contact Information

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

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:

- **Bioinformatics**
- **Electromagnetics Technology**
- **Engineering Law & Management**
- **Wireless Communication Technology**
- **Digital Systems (in preparation)**
- **Disaster Management (in preparation)**