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
  - Biodataming
  - 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)
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Chicago, IL 60607-7043
Phone: (312) 996-9806
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E-mail: carolynw@uic.edu

Certificate Programs are also available:
- Engineering Law & Management
- Wireless Communication Technology
- Electromagnetics Technology
- Bioinformatics

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