Areas of Concentration

Bioinformatics
Biomaterials
Biomechanics
Biomedical Imaging
Biomolecular Engineering
Bionanotechnology

Cell And Tissue Engineering
Computational Systems Biology
Medical Devices
Neural Engineering

Degree Programs

• BS, MS, PhD in Bioengineering
• MS, PhD in Bioinformatics
• MD/MS in Bioengineering
• MD/PhD via the Medical Scientist Training Program (MSTP)
The mission of the Richard and Loan Hill Department of Bioengineering is to provide an environment where students can achieve a high level of competence in the skills and knowledge inherent to the discipline of bioengineering. The discipline of bioengineering, which includes biomedical engineering, is distinguished by the application of quantitative engineering analysis and design to systems that include living components. Mastery of these skills and knowledge will prepare students for careers in the growing biomedical industry and for admission to graduate and professional schools.

Located in the heart of Chicago, the University of Illinois at Chicago (UIC) hosts a diverse constituency of students, attracted by the quality of UIC programs and the metropolitan setting. Recently, UIC was ranked third in the nation and thirteenth in the world for institutions under 50 years of age. Since Fall of 2011, the Department of Bioengineering is now in both the College of Engineering (COE) and the College of Medicine (COM) at UIC, home of one of the largest medical schools in the country. This arrangement is in line with best practices at other top programs around the country.

The Department of Bioengineering at UIC employs a rigorous and energetic process of continuous improvement of its curricula. Historically, graduates of our undergraduate program enter positions in industry (large firms and biotech startups), professional schools (medicine, dentistry, nursing, pharmacy, law) and graduate programs. Alumni of our M.S. and Ph.D. programs in Bioengineering and Bioinformatics have pursued careers in industry, academia, national research labs and medicine.

Current enrollment totals about 100 Doctoral (Ph.D.), 80 Master of Science (M.S.), and 300 undergraduate (Bachelor of Science, B.S.) students. There are currently 29 core faculty members and over 100 adjunct faculty members with homes in many departments throughout the Colleges of Liberal Arts & Sciences, Applied Health Sciences, Dentistry, Engineering, Medicine, and Pharmacy.

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