Bioinformatics specialists are in ever-increasing demand and job opportunities are appearing at the interface of molecular biology and information technology. The University of Illinois at Chicago Online Bioinformatics Program focuses on preparing students for successful industry and research careers in bioinformatics. Utilizing distance learning and an accredited curriculum, the University of Illinois at Chicago program provides graduates with the skills to become successful bioinformatics specialists and researchers.

**Admission Requirements**

Ideal candidates will have:

- A baccalaureate or equivalent degree in engineering or a closely related field - such as biology, chemistry, computer science, mathematics, or physics - from a recognized institution of higher learning.

- A cumulative “B” average for the final 60 semester hours (or 90 quarter hours) of undergraduate study. This translates to a grade point average of 3.0 on a scale of 4, or a 4.0 on a scale of 5.

- A strong academic interest in engineering and an enthusiasm for online learning in a collaborative virtual community of faculty and fellow students.

Applications are thoughtfully evaluated on an individual basis, and students who do not meet the exact candidate criteria outlined above are still welcome to apply. The committee gives consideration to individuals who, for example, may not quite meet the academic requirements but whose professional experience in engineering distinguishes them as excellent candidates.

GRE scores and transcripts are not required for admission to the certificate program, but you must provide proof of a baccalaureate degree.
Degree Requirements

Three of the four following courses are required for completion of the certificate program:

- MENG 480: Introductory Bioinformatics (4)
- MENG 481: Introduction to Biostatistics (4)
- MENG 483: Bioinformatics Approach to Molecular Modeling (4)
- MENG 582: Computational Genomics (4)

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