The Graduate Certificate in Computing Fundamentals provides students with Bachelor's degree or higher in a non-computing discipline with an accelerated foundation in computing fundamentals. The Graduate Certificate requires four bridging courses in fundamentals of computing and algorithms and two excursions in computing courses. To allow flexibility and gain deeper knowledge in a computing subject of interest, students are required to complete an independent study along with a graduate-level elective.

The Graduate Certificate in Computing Fundamentals requires a minimum of 20 credit hours distributed over eight courses as follows. A course cannot be used to satisfy more than one requirement within the certificate.

Admission Requirements

The iCAN program is a broadening participation program designed for college graduates without a background in computer science. Successful completion of the iCAN program results in a student receiving a Computing Fundamentals Certificate. Below are the admission requirements for the iCAN program.

- A baccalaureate degree (or higher) in any field other than computer science.
- College algebra
- Overall GPA of 3.0 or above.
- Unofficial transcripts are accepted for application review.
- Test scores: A GRE score is not required for admission into the iCAN program.

Financial Aid

Other Graduate Programs in the Department of Computer Science

degrees:

Computing Fundamentals, CERT (p. 1)
Computer Science, MS (http://catalog.illinois.edu/graduate/engineering/computer-science-ms/)
optional concentrations:
  - Computational Science and Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Computer Science, PhD (http://catalog.illinois.edu/graduate/engineering/computer-science-phd/)
optional concentrations:
  - Computational Science and Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
Bioinformatics: Computer Science, MS (http://catalog.illinois.edu/graduate/engineering/concentration/computer-science/bioinformatics/)
joint programs:
  - Computer Science, MCS & Architecture, MArch (http://catalog.illinois.edu/graduate/engineering_faa/joint-degree/computer-science-mcs-architecture-march/)
  - Computer Science, MCS & Law, JD (http://catalog.illinois.edu/graduate/engineering_law/joint-degree/computer-science-mcs-law-jd/)
The Department of Computer Science (CS) offers other graduate programs leading to the degrees of Master of Science and Doctor of Philosophy in Computer Science, as well as a Computer Science concentration under the interdisciplinary Master of Science in Bioinformatics.