Program Description

Computer Science is one of the most expansive, innovative, and adaptive areas of knowledge today. At the University of Illinois at Springfield, the Department of Computer Science prepares students for challenging careers as professionals in the public and private sectors.

The Bachelor of Science degree in Computer Science is designed to provide graduates with a strong foundation in computer science and related disciplines. The curriculum encourages students to become knowledgeable of cutting-edge techniques and practices, yet ensures that they learn the requisite core skills and theoretical foundations that have historically driven computer science. Graduates of the Bachelor of Science program have been successful in earning advanced degrees and in pursuing careers in research and application-oriented positions in business, industry, government, and education.

Admission Requirements

Eligibility to the Computer Science Online Bachelor’s Program

- A minimum undergraduate GPA of 2.0 on a 4.0 scale is required
- Earned a minimum of 30 credit hours at the lower division level
- Completed 2 semesters of Java Programming Experience
- Completed 1 semester of discrete mathematics or finite mathematics
- Completed 1 semester each of calculus and statistics.
Degree Requirements

Computer Science Program Requirements (36 credit hours)

Core Requirements

CSC 305 Entrance Assessment (0 hours) (taken first semester)
CSC 405 Exit Assessment (0 hours) (taken last semester)
CSC 376 Computer Organization (4 hours)
CSC 385 Data Structures and Algorithms (4 hours)
CSC 482 - Algorithms and Computation (4 hours)
CSC 389 Introduction to Operating Systems (4 hours)
CSC 388 Programming Languages (4 hours)
CSC 478 Software Engineering Capstone (4 hours)
CSC Electives (12 hours) (3 courses)

ECCE Requirements (10 hours)

Official degree requirements are available in the UIS catalog at www.uis.edu/uiscatalog

Program Contacts

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