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

- Students must submit the Statement of Purpose Form
- A minimum undergraduate GPA of 2.0 on a 4.0 scale is required
- 2 semesters of Java Programming Experience
- 1 semester of each of the following: Calculus, Discrete or Finite Math, and Statistics
- Applicants who do not meet all entrance requirements may take the prerequisites at UIS
  - CSC 225 and CSC 275 will satisfy the 2 semesters of Java
  - MAT 115, CSC 302, and MAT 121 will satisfy the math requirements

Students will be admitted each fall and spring semester.

Review of applications for Spring enrollment begins on September 15th; review of applications for Fall enrollment begins on March 15th. These are not application deadlines. In each case, the Computer Science Department will continue to accept and evaluate applications until the cohort for that term has filled.
Degree Requirements

Computer Science Program Requirements (36 credit hours)

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 387 Foundations of Computer Science (4 hours)
CSC 388 Programming Languages (4 hours)
CSC 389 Introduction to Operating Systems (4 hours)
CSC 478 Software Engineering Capstone (4 hours)
CSC Electives (12 hours) (3 courses)

ECCE Requirements (10 hours)

UNI 301 Speaker Series (1 hour)
U.S. Communities (3-4 hours)
Global Awareness (3-4 hrs)
   CSC 442 Internet in American Life (4 hours) (Recommended)
Engagement Experience (3-4 hrs)
   EXL 30x Applied Study Term / AST (2 hours) (Recommended)

Other Requirements

Must Complete (48 hours of 300-400 courses)
Must Complete (30 hours of 300-400 courses at UIS)

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

Program Contacts

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