University of Illinois Springfield
INFORMATION SYSTEMS SECURITY

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 B.S. in Information Systems Security is designed to provide a foundation in Information Systems Security, which will include design and implementation of secure systems, security assessment, and computer security ethics. Our graduates will understand critical concepts in Information Systems Security, be able to demonstrate and communicate best security practices, design and implement secure systems, adhere to and promote ethical standards.

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.
Information Systems Security Program Requirements (36 credit hours)

CSC 305 Entrance Assessment (0 hours) (taken first semester)
CSC 405 Exit Assessment (0 hours) (taken last semester)
CSC 366 Introduction to Networking (4 hours)
CSC 367 Introduction to Cybersecurity (4 hours)
CSC 430 Foundations of Network Security and Information Assurance (4 hours)
CSC 368 Systems Programming Languages (4 hours)
CSC 437 Introduction to Cryptography (4 hours)
CSC 438 Systems Security and Information Assurance Capstone (4 hours)
CSC Electives (12 hours) (3 courses)

ECCE Requirements (10 credit 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 120 hours
Must Complete 48 hours of 300-400 courses
Must Complete 30 hours of courses at UIS

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

Program Contacts

Program Coordinator:  Computer Science Department  UIS Admissions
Computer Science  University Hall Building 3100  Office of Admissions
University Hall Building 3100  University of Illinois Springfield  University of Illinois Springfield
University of Illinois Springfield  One University Plaza  One University Plaza, MS UHB 1080
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Program URL: https://csc.uis.edu/online-undergraduate-admission