

**University of Illinois at Springfield**  
**B.S. Information Systems Security Program Requirements (Effective Fall 2020)**

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**Transfer Student Entrance Requirements**

- CSC 225 Computer Programming Concepts I
- CSC 275 Computer Programming Concepts II
- CSC 302 Discrete Structures **OR** MAT 114 Finite Math **OR** MAT 302 Discrete Math
- MAT 121 Applied Statistics
- MAT 113 Business Calculus **OR** MAT 115 Calculus I

**Core Requirements (24 hours)**

**CSC 225, CSC 275, MAT 302 are prerequisites for all core courses. Additional prerequisites are shown in parentheses.**

- CSC 305 Entrance Assessment (1st semester) (0 Hours)
- CSC 366 Introduction to Networking (CSC 275)
- CSC 367 Introduction to Cybersecurity
- CSC 368 Systems Programming Languages (CSC 275)
- CSC 430 Foundations of Network Security and Information Assurance (CSC 366)
- CSC 437 Introduction to Cryptography (CSC 302, Statistics, Calculus, and CSC 367)
- CSC 438 Systems Security and Information Assurance Capstone
- CSC 405 Exit Assessment (final semester) (0 Hours)

**Information Systems Security CSC Electives (12 hours)**

ISS elective courses should be chosen from 350 or higher-level courses and cannot come from core classes in your major. CSC 410 cannot be used for an elective. ECCE courses cannot be used for electives. CSC core classes 350 or higher-level can be used as electives in the ISS program. Consult your CSC advisor for final approval.

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**Engaged Citizenship Common Experience (ECCE) 10 hours at the 300-400 Level**

All undergraduate students are required to take a minimum of 10 hours in Engaged Citizenship Common Experience. In addition to the required 1-hour Speakers Series, students must complete coursework in at least 2 of the 3 remaining ECCE requirements (U.S. Communities, Global Awareness, and Engagement Experience).

Our department offers CSC 316 Wired Perspectives (4 hrs. Global Awareness) but you have the choice to take ECCE courses from other departments as well. If you want to pursue IPL 300 (Engagement Experience) you can do so by working with the Internships and Prior Learning Office, [ipl@uis.edu](mailto:ipl@uis.edu).

- U.S. Communities (3 -4 hours) \_\_\_\_\_
- Global Awareness (3 -4 hours) \_\_\_\_\_
- Engagement Experience (3-6 hours) \_\_\_\_\_
- Speakers Series (1 hour) \_\_\_\_\_

- You must follow the degree plan that was in effect when you entered UIS (or later).
- CSC courses must be taken for a letter grade.
- CSC 305 must be taken the first semester of enrollment.
- Statistics and Calculus must be completed before CSC 437 and CSC 438
- CSC 405 must be taken the last semester of enrollment.

Other degree requirements:

- 120 semester hours are required to earn a Bachelor's Degree at UIS:
- Of these, 48 semester hours must be upper division credits (numbered above 299)
- At least 30 semester hours must be earned at UIS
- Lower Division General Education Requirements must be met.