

Cybersecurity BS General Requirements

~~Bachelor of Science (B.S.) in Cybersecurity Degree Requirements~~

Students must choose one of the following emphasis areas at the time of application for admission.

- Computer Science (CS) Emphasis ~~(total 120 credit hours)~~
- Information Systems and Technology (IS) (IST) Emphasis ~~(total 123 credit hours)~~

Degree requirements vary depending on the chosen emphasis area (see common and emphasis area required courses and credit hours below).

General Education Requirements

Students must satisfy the university general education requirements. Many of the courses for the degree may be used to fulfill general education requirements. There is no foreign language requirement for this degree.

Satisfactory/Unsatisfactory Option

Courses required for the major may not be taken on a satisfactory/unsatisfactory basis.

Required Courses

The degree requires ~~33~~ 24 credit hours of core coursework applicable to both emphasis areas. Emphasis specific required courses are listed below. Please see 4-year degree plans for recommend course sequences within each emphasis.

Required Core Courses

ENGL 3120	Business Writing	3
or ENGL 3130	Technical Writing	
CMP SCI 1250	Introduction to Computing	3
CMP SCI 2250	Programming and Data Structures	3

CMP-SCI 2261	Object-Oriented Programming	3
CMP SCI 2700	Computer Organization and Architecture	3
CMP SCI 2750	Linux Environment and Programming	3
INFSYS 3848	Introduction to Information Security	3
or CMP SCI 3702	Introduction to Cyber Threats and Defense	
INFSYS 3868	Secure Software Development	3
INFSYS 3878	Information Security Risk Management and Business Continuity	3
CMP-SCI 4700	Computer Forensics	3
CMP-SCI 4732	Introduction to Cryptography for Computer Security	3
Total Hours		33 24