

Cybersecurity and System Administration, B.S.

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This is a sample plan of study with a suggested sequencing of classes for the major. University electives may be applied to earn additional academic majors, minors, or certificates. Students should regularly meet with their academic advisor to plan their specific semester schedule to include UNIFI/General Education program and/or university elective hours required.

Area Elective	3
UNIFI/General Education or University Electives	4
Computer Science Research	1
Hours	11
Total Hours	120

Course	Title	Hour
Freshman		
Fall		
CS 1510	Introduction to Computing	4
MATH 1420	Calculus I	4
UNIFI/General Education or University Electives		9
Hours		17
Spring		
CS 1520	Data Structures	4
CS 1800	Discrete Structures	3
MATH 1421	Calculus II	4
UNIFI/General Education or University Electives		3
Hours		14
Sophomore		
Fall		
PHYSICS 1511	General Physics I	4
CS 1410	Computer Organization	3
UNIFI/General Education or University Electives		9
Hours		16
Spring		
CS 2530	Intermediate Computing	3
PHYSICS 1512	General Physics II	4
Area Elective		3
UNIFI/General Education or University Electives		6
Hours		16
Junior		
Fall		
CS 3470/5470	Networking	3
PHYSICS 4300/5300	Introduction to Electronics	4
UNIFI/General Education or University Electives		10
Hours		17
Spring		
CS 3430/5430	Operating Systems	3
CS 3730/5730	Project Management	1
CS 4400/5400	System Administration	3
Area Elective		3
UNIFI/General Education or University Electives		6
Hours		16
Senior		
Fall		
CS 4410/5410	System Security	3
Area Elective		4
UNIFI/General Education or University Electives		6
Hours		13
Spring		
CS 4420	Applied Systems Forensics	3