

CYBERSECURITY MINOR

The Minor in Cybersecurity is designed to provide students with cybersecurity skills, which can be an advantage for job-seeking and career-building, as well as a source of personal enrichment.

Course Requirements for the Minor

The following courses, or their approved transfer equivalents, are required of all candidates for this minor.

Course	Title	Units
CSCI 111	Programming and Algorithms I	4
CSCI 211	Programming and Algorithms II	4
CSCI/MATH 217	Discrete Mathematics	3
Select one of the following:		3
CINS 220	PCs and Peripherals	
CSCI 221	Assembly Language Programming	
EECE 237	Embedded Systems Development	
Select one of the following:		3
CSCI/EECE 446	Introduction to Computer Networks and Network Management	
MINS 346	Data Communications and Networking	
Select three of the following:		9-10
CINS 448	Cybersecurity	
CINS 548	Digital Forensics	
CSCI 546	Network Forensics	
EECE 537	Smart Device Security	
Select one of the following: ¹		3-4
CINS 490	Computer Information Systems Capstone ²	
CSCI 490	Computer Science Capstone ²	
EECE 490B	Engineering Economics and Project Implementation	
MATH 317	Cryptography	
MINS 536	Security and Privacy Issues in Information Technology	

¹ If EECE 537 (four units) is taken above, choose a three unit course so as not to exceed 30 units in the minor.

² Capstone course must be on a cybersecurity problem or topic.