

# 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: <sup>1</sup>		3-4
CINS 490	Computer Information Systems Capstone <sup>2</sup>	
CSCI 490	Computer Science Capstone <sup>2</sup>	
EECE 490B	Engineering Economics and Project Implementation	
MATH 317	Cryptography	
MINS 536	Security and Privacy Issues in Information Technology	

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

<sup>2</sup> Capstone course must be on a cybersecurity problem or topic.