

# Cybersecurity - Information Assurance, B.A.

## Degree Type

Major

The Bachelor of Arts plan is designed for those students seeking a career in information assurance that focus on the identification of threats and vulnerabilities in order to protect business and government digital systems.

## Requirements for the Major

Item #	Title	Credits
CPSC 151	Computer Science I	4
CPSC 152	Computer Science II	4
CPSC 230	Project Management	3
CPSC 240	Introduction to Computer Security	3
CPSC 245	Internetworking: Routing and Switching	3
CPSC 277	Computer Ethics	3
CPSC 330	Computer Organization and Assembly Language	4
CPSC 340	Computer Forensics	3
CPSC 370	Operating Systems	3
CPSC 373	Writing for Mathematics and Computer Science	2
CPSC 380	Data Base Design	3
CPSC 440	Data Communications and Network Architecture	3
CPSC 450	Network Security	3
CPSC 470	Operating System Security	3
CPSC 477	Seminar in Mathematics and Computer Science	2
CPSC 490	Senior Project	2-4
CPSC 495	Comprehensive Exams	
BUSI 287	Organizations and Human Behavior	3
BUSI 311	Principles of Management	3
CRJU 201	Criminal Law and Procedures I	3
MATH 210	Discrete Mathematics	3
MATH 281	Statistical Methods I	3

Strongly recommended:

Item #	Title	Credits
CPSC 205	Web Design	3
MATH 282	Statistical Methods II	3

During the first semester, beginning students are expected to complete:

Students in this major are highly encouraged to minor in criminal justice and/or management.

Item #	Title	Credits
CPSC 151	Computer Science I	4
MATH 281	Statistical Methods I	3
		<b>76-78</b>