



BACHELOR OF SCIENCE
Cybersecurity



SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

The Cybersecurity program educates students with the technical proficiency and analytical problem-solving techniques that protect organizational critical systems and infrastructure.



Florida Memorial University has been designated as a National Center of Academic Excellence in Cyber Defense recognized by the National Security Agency (NSA) of the United States of America.

CAREER OPPORTUNITIES

Graduates will be prepared to combat the threats that accompany technological advances, and the dangers that come with it, by learning critical thinking and problem-solving skills required to stay ahead. This degree prepares students for careers as Security Consultants, Engineers, Architects and Analysts, Incident Responders, Computer Forensic Experts, Security Software Developers and Auditors, and Chief Information Security Officers. The average annual salary for cybersecurity graduates in the United States is approximately \$132,962¹.

DEGREE CHECKLIST

GENERAL EDUCATION - CORE REQUIREMENTS		
Course No.	Course	Credits
FMU 101	University 101	2
CMT 102	Critical Thinking Info Age	2
ENG 101	College Writing I	3
ENG 102	College Writing II	3
COM 103	Intro To Public Speaking	3
HIS XXX	African Diaspora And The World	3
REL XXX	Religion And Philosophical Inquiry	3
XXX 201	World Languages I	3
XXX 202	World Languages II	3
XXX 200	Society & Global Inquiry (SOC/PSY)	3
XXX 200	Society And Global Inquiry (HUM/VPA)	3
CSC 101	Intro To Computers	3
MAT 111	College Algebra	3
	Scientific Inquiry	3
TOTAL		40

OTHER COURSES		
Course No.	Course	Credits
MAT 200	Applied Calculus	3
MAT 205	Probability & Statistics	3
MAT 210	Discrete Mathematics	3
	Laboratory Sciences with Lab	4
	Elective	6
TOTAL		19

REQUIRED MAJOR COURSES		
Course No.	Course	Credits
CSC 211	Fundamentals Of Cybersecurity	3
CSC 230	Computer Programming I	3
CSC 330	Computer Programming II	3
CSC 333	System Analysis & Design	3
CSC 341	Computer Organization	3
CSC 345	Web Technology	3
CSC 355	Web Programming & Design	3
CSC 360	Computer Operating Systems	3
CSC 375	Network & Data Communication	3
CSC 424	Computer Forensics	3
CSC 446	Cybersecurity Management & Compl	3
CSC 462	Cryptography and Network Security	3
CSC 467	Cybersecurity Impl. -Ethical Hacking	3
CSC 490	Computer Ethics	3
CSC 491	Applied Analytics	3
CSC 483	Database Management Systems	3
CSC 493	Computer Security	3
CSC 494	Project Development	3
CSC 460	Senior Project	3
	Advance Computer Elective	3
	Advance Computer Elective	3
TOTAL		63

¹ZipRecruiter