

CYBER SECURITY (M.S.)

Important: This degree plan is effective for those starting this degree program in fall 2024 through summer 2025. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations, or cognates.

Code	Title	Hours
Core Courses		
CSCI 501	Overview of Computer Security	3
CSCI 511	Digital Forensics	3
CSCI 561	Ethics, Legal Issues, and Policy	3
CSCI 601	Applied Network Security	3
CSCI 605	Applied Cryptography	3
CSCI 611	Secure Software Engineering	3
CSCI 612	Security Engineering	3
CSCI 620	Issues in Security, Privacy, and Anonymity	3
CSCI 631	Web Security	3
CSCI 632	Ethical Hacking	3
CSCI 651	Advanced Topics in Computer Security	3
CSCI 681	Capstone Project	3
Total Hours		36

All applicable prerequisites must be met

Graduation Requirements

- Complete 36 hours
- A maximum of 50% of the program hours may be transferred if approved and allowable, including credit from an earned degree from Liberty University on the same academic level
- 3.0 GPA
- No more than two grades of C may be applied to the degree (includes grades of C+ & C-)
- No grade of D or below may be applied to the degree (includes grades of D+ & D-)
- Degree must be completed within 3 years
- Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date

Program Offered in Resident and Online Format

Course Sequence

Course	Title	Hours
First Semester		
CSCI 501	Overview of Computer Security	3
CSCI 511	Digital Forensics	3
CSCI 561	Ethics, Legal Issues, and Policy	3
	Hours	9
Second Semester		
CSCI 601	Applied Network Security	3
CSCI 605	Applied Cryptography ¹	3
CSCI 611	Secure Software Engineering	3
	Hours	9
Third Semester		
CSCI 612	Security Engineering	3

Course	Title	Hours
CSCI 620	Issues in Security, Privacy, and Anonymity	3
CSCI 631	Web Security	3
	Hours	9
Fourth Semester		
CSCI 632	Ethical Hacking	3
CSCI 651	Advanced Topics in Computer Security	3
CSCI 681	Capstone Project	3
	Hours	9
	Total Hours	36

¹ CSCI 601 is a prerequisite for CSCI 605.