

Discipline Core Requirements (21 Credits)			
Course No.	Course Title	Credits	
IT 6300	Principles of Cybersecurity	3	
IT 6330	Cybersecurity Operations	3	
IT 6350	Law/Ethics/Privacy in Cybersecurity	3	
IT 6370	Penetration Testing and Vulnerability Assessment	3	
IT 6740	Advanced Network Defense and Countermeasures	3	
IT 6770	Cybersecurity Management	3	
IT 6900	Cybersecurity Capstone	3	
Elective Requirements (9 Credits)			
Complete 3 of the following:			
IT 6660	Advanced Network Forensics	3	
INFO 6420	Web and Mobile Application Security	3	
IT 6750	Reverse Engineering and Malware Analysis	3	
IT 6780	Secure Coding	3	
Total Credits Required for Degree		30	

- NOTES:**
- *The MS Cybersecurity is a two year, part time program. Classes will be held two evenings a week.
 - *The Graduate Certificate in Cybersecurity can be earned after the first year of the MS Cybersecurity. (18 credits)
 - Not all courses are taught every semester.

Admission requirements:

- To be accepted into the MS in Cybersecurity applicants must hold an undergraduate degree in a computing-related field (such as Information Systems, Information Security, Information Technology, or Computer Science) with a minimum overall GPA of 3.0 on a 4.0 scale. If your bachelor's degree is not in one of these fields, please contact Julie Marr at julie.marr@uvu.edu for further assistance.
- Applicants with bachelor's degrees in other fields may still be considered for admission if they have at least two years of relevant technology or cybersecurity industry experience and have completed undergraduate courses in data communication, programming, and server administration. The following UVU courses or their equivalents meet the prerequisites:
 - * Data Communication: IT 2600: Data Communication Fundamentals or CS 2600: Computer Network I
 - * Programming: INFO 1200: Computer Programming I for IS IT or CS 1400: Fundamentals of Programming
 - * Server Administration: IT 1510: Introduction to System Administration--Linux/UNIX or IT 2530: Introduction to System Administration--Windows Client
- Resumé
- Two Letters of Recommendation
- Essay answering the following two questions: How does completing a Cybersecurity degree relate to your career and life goals? What would you like the committee to know about you that is not reflected elsewhere in your application materials?

Graduation Requirements:

- Completion of all courses with a grade of B- or better.
- Completion of all required courses and elective courses for a total of 30 credit hours with an average GPA of 3.0 or higher.

Contact information:

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