

MASTER OF CYBERSECURITY MANAGEMENT
Fall 2023 - Summer 2024
Washington University
McKelvey School of Engineering - Sever Institute

NAME: _____ Student ID #: _____ SEMESTER ADMITTED: _____

Required Courses –7 courses or a total of 21 units

Course #	Course Title	Units	Offered	Earned
*T83-560	Cybersecurity Technical Fundamentals	3	Spring	
*T83-561	Oversight for Excellence: Cybersecurity Management and Governance	3	Fall	
*T83-562	Efficient and Effective Cybersecurity Operations	3	Spring	
*T83-566	Cybersecurity Risk Management	3	Spring	
*T83-567	The Hacker Mindset: Cyber Attack Fundamentals	3	Fall	
T83-587	Cloud Security	3	Spring	
T81-570	Leadership Seminar for Technology Professionals	3	Fall	
Total Required Units		21		

Emphasis Area Electives – choose 3 courses or total of 9 units from one of the emphasis areas listed below:

Cybersecurity Management Emphasis Area

Course #	Course Title	Units	Offered	Earned
T83-563	Enterprise Network Security	3	Spring 2024 & 2026 (~SU27)	
T83-564	Access Control/ID Management	3	Fall 2025 & 2027 (~SU26)	
T83-565	Cybersecurity Analytics	3	Spring 2025 & 2027 (~SU28)	
T83-568	Emerging Issues and Technology in Cybersecurity	3	Spring 2026 (~SU25)	
T83-569	Incident Response and Business Continuity	3	Fall 2024 & 2026 (~SU23)	
T83-570	Managerial and Technical Approaches to Cybersecurity Assurance	3	Fall 2023 & 2025 (~SU24)	

~On a rotational basis each summer, one Cybersecurity Management elective will be offered. The summer course offering schedule is tentative and contingent on instructor agreement/availability.

Cybersecurity Design & Engineering Emphasis Area

(Offered through Computer Science & Engineering Department for those with the appropriate STEM background)

Course #	Course Title	Units	Offered	Earned
E81-433S	Introduction to Computer Security	3	CSE	
E81-523S	Systems Security	3	CSE	
E81-569S	Advanced IoT, Real-Time, and Embedded Systems Security	3	CSE	
E81-571S	Network Security	3	CSE	
E81-637S	Software Security	3	CSE	
Total Elective Units		9		
Total Units		30		

Bridge Course (counts as 1 elective if taken)

T83-559	Introduction to Cybersecurity	3	Fall/Spring	
---------	-------------------------------	---	-------------	--

ALL STUDENTS IN THE SEVER INSTITUTE MUST REGISTER EVERY SEMESTER UNTIL ALL DEGREE REQUIREMENTS ARE COMPLETED.

All requirements for the degree must be completed within six years from the time the student is admitted to graduate standing. A maximum of 6 units of graduate credit may be transferred with approval of Program Director.

*Courses required to earn the Graduate Certificate in Cybersecurity Management.