MASTER OF CYBERSECURITY MANAGEMENT
Fall 2024 - Summer 2025
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 2026**	
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)***	

~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)

Course #	Course Title	Units	Offered	Earned
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.