



School of Informatics, Humanities and Social Sciences  
Department of Arts and Humanities

The 4-year plan below is for guidance only. Always review your individual check sheet for your degree requirements and progress. For full course descriptions, see the [RMU Course Catalog](#).

For more information, contact: Peter Wu, Ph.D., Department Head & Professor, Computer and Information Systems, at [wu@rmu.edu](mailto:wu@rmu.edu)

BACHELOR OF SCIENCE (B.S.) IN CYBERSECURITY (123 CREDITS)							
4-Year Guided Curriculum							
FALL		Semester 1		YEAR 1		SPRING	
				Semester 2			
INFS	1020	Fundamentals of IT	3	CSEN	1020	Argument and Research	3
CSEN; OR CSCM	1010; OR 2050	Reading and Writing Strategies; OR Intercultural Communications	3	ECON	1010	Survey of Economics	3
PSYC	1010	General Psychology	3	MATH	2040	Finite Math and Applied Calculus	3
SOC	1010; OR 1020	Principles of Sociology; OR Contemporary Amer Social Prob	3	HIST; or POLS	____; or 1020	RMU core course 13: History elective; or American National Government	3
ELIT	____	RMU core course 12: Literature Elective	3	____	____	Open Elective	3
FYSP	1000	First Year Studies Seminar	1				
FALL		Semester 3		YEAR 2		SPRING	
				Semester 4			
CSCM	1030	Public Speaking and Persuasion	3	CSCM	2040	Professional Communication in Workplace	3
HUMA	1010	Humanities: Arts and Music	3	INFS	____	Programming II (Choice of C++, C#, Java)	3
INFS	____	Programming I (Choice of C++, C#, Java)	3	INFS	3220	Systems Analysis and Design	3
INFS	3120	Intro to Computer Forensics	3	INFS	3170	Cyberlaw	3
INFS	3210	Operating Systems Concepts	3			Area of Interest	3
				STAT	2110	Statistics	3
FALL		Semester 5		YEAR 3		SPRING	
				Semester 6			
INFS	3230	Networks/Data/Computer Communication	3	____	____	Open Elective	3
INFS	4220	Database Management System	3	INFS	3235	Computer Network Security	3
____	____	Area of Interest	3	____	____	RMU core course 6: Natural Science Elective	3
		Open Elective	3	INFS	3450	Quantitative Analysis for IS Prof	3
INFS	3240	Python Programming	3			Area of Interest	3
FALL		Semester 7		YEAR 4		SPRING	
				Semester 8			
INFS	3222	IT Security, Control/Assurance	3	INFS	4810	Project Management	3
INFS	3223	IT Governance, Control	3	INFS	4170	Glob, Econ, Soc, Eth Iss Comp	3
INFS	4180	Network Forensics, Intr	3	INFS	4870	Cybersecurity Capstone	3
INFS	3850	Advanced Topics in Cyb Defense	3	____	____	Area of Interest	3
-----	-----	Open Elective	3			Area of Interest	3
				INFS	4860	Program Outcomes Assessment	0