



School of Informatics, Humanities and Social Sciences
Department of Computer and Information Systems

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](#).

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BACHELOR OF SCIENCE (B.S.) IN COMPUTER INFORMATION SYSTEMS

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	INFS	2151 OR 2184	Java OR C++	3	
PSYC	1010	General Psychology	3	CYBS	2000	Intro to Cybersecurity	3	
INFS	1030	Foundations of Info Systems Mgt	3	INFS	2020	Operating Systems	3	
MATH OR HUMA	1010	Math (if did not place into STAT2110) OR HUMA1010 Humanities: Art and Music	3	STAT	2110	Statistics	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	Prof Comm in Workplace	3	
INFS	2470	Decision Support Systems	3	INFS	3240	Python Programming Language	3	
INFS	3152 OR 3185	Advanced Java OR Advanced C++	3	INFS	3230	Introduction to Networking	3	
INFS	3220	Systems Analysis & Design	3	INFS	3450	Discrete Mathematics for Computing	3	
HIST		History Core	3	ENGL		Literature Core	3	
FALL		Semester 5		YEAR 3	SPRING		Semester 6	
INFS	3510	Introduction to Data Analytics	3	INFS	3500	Network Administration	3	
INFS OR CYBS		3000-4000 Elective 1	3	INFS	4240	Database Management Systems	3	
SOCI	1010 OR 1020	SOCI Core	3			Science Core	3	
		Open Elective 1	3			Open Elective 2	3	
INFS	3115 OR 3116	Mobile App Dev with iOS OR Mobile App Development w/ Android	3	INFS OR CYBS		3000-4000 Elective 2	3	
FALL		Semester 7		YEAR 4	SPRING		Semester 8	
INFS	4460	Cloud Computing with AWS	3	INFS	4810	Project Management	3	
		Open Elective 3	3	INFS OR CYBS		3000-4000 Elective 4	3	
ECON	1010	Survey of Economics	3			Open Elective 4	3	
INFS	4370	IT Governance & Ethics	3			Open Elective 5	3	
INFS OR CYBS		3000-4000 Elective 3	3	INFS OR CYBS		3000-4000 Elective 5	3	
				INFS	4860	Program Outcomes Assessment	0	

FOR USE BY INCOMING STUDENTS STARTING THE ACADEMIC YEAR 2024-2025

Minimum grade of "C" is required for courses in major. A cumulative GPA of 2.00 or higher is required for graduation. Revised 03/14/2024