School of Data Intelligence and Technology
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.
For more information, contact: Jamie Pinchot, D.Sc., Department Head, Computer and Information Systems, at pinchot@rmu.edu

BACHELOR OF SCIENCE (B.S.) IN COMPUTER INFORMATION SYSTEMS (120 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		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	2230	Computer 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	Advanced Networking	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 04/30/2025