



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

**BACHELOR OF SCIENCE (B.S.) IN INFORMATION SCIENCES (123 CREDITS)**

**4-Year Guided Curriculum**

The study plan below is for guidance only. Always review your individual check sheet for your degree requirements.

For full course descriptions, see the [RMU Course Catalog](#).

For more information, contact: **Dr. Peter Wu, Department Head & Professor, Computer and Information Systems, at wu@rmu.edu**

FALL		Semester 1		YEAR 1		SPRING		Semester 2	
INFS	1020	RMU core course 1: Fundamentals of Information Technology	3	CSEN; or CSCM	1020; or 1030	RMU core course 6: Argument & Research (Honors section: CSHR1020); or Public Speaking & Persuasion (Honors section: CSHR1030)	3		
CSEN; or CSEN	1010; or 1020	RMU core course 2: Reading & Writing Strategies; or Argument & Research (Honors section: CSHR2050)	3	ECON	1010	RMU core course 7: Survey of Economics	3		
PSYC	1010	RMU core course 3: General Psychology (Honors: PSYC1015)	3	MATH	2040	Finite Math and Applied Calculus	3		
SOCI; or SOCI	1010; or 1020	RMU core course 4: Principles of Sociology; or Contemp Amer Social Prob (Honors: SOCI1025)	3	HIST; or POLS	____; or 1020	RMU core course 8: History elective; or American National Government	3		
STAT	2110	RMU core course 5: Statistics	3			Open Elective 1	3		
FYSP	1000	First Year Studies Seminar	1						
FALL		Semester 3		YEAR 2		SPRING		Semester 4	
CSCM; or CSCM	1030; or 2040	RMU core course 9: Public Speaking & Persuasion (Honors: CSHR1030); or Prof Comm in Workplace (Honors: CSHR2040)	3	CSCM; or CSCM	2040; or 2050	RMU core course 10: Professional Communication in Workplace (Honors section: CSHR2040); or Intercultural Communications (Honors section: CSHR2050)	3		
INFS	____	Programming I (Choice of C++, C#, Java)	3	INFS	3220	Systems Analysis and Design	3		
INFS	2150	Introduction to Web Dev and E-Comm Tech	3	INFS	3230	Networks/Data/Computer Communication	3		
INFS	3210	Operating Systems Concepts	3	ENGL	____	RMU core course 11: Literature Elective	3		
____	____	Area of Interest 1	3	____	____	Area of Interest 2	3		
				____	____	Open Elective 2	3		
FALL		Semester 5		YEAR 3		SPRING		Semester 6	
____	____	Area of Interest 3	3	____	____	Area of Interest 4	3		
INFS	4240	Database Management System	3	INFS	3235	Computer Network Security	3		
HUMA	1010	RMU core course 12: Humanities: Arts and Music	3	____	____	RMU core course 13: Natural Science Elective	3		
____	____	Open Elective 3	3	INFS	3450	Quantitative Analysis for IS Prof	3		
INFS	____	General Concentration 1: INFS3000/4000-level course	3	INFS	____	General Concentration 2: INFS3000/4000-level course	3		
FALL		Semester 7		YEAR 4		SPRING		Semester 8	
INFS	4150	Web Application Development Using Asp. Net	3	INFS	4810	Project Management	3		
____	____	Area of Interest 5	3	INFS	4170	Glob, Econ, Soc, Eth Iss Comp	3		
INFS	3221	Advanced Systems Analysis and Design	3	INFS	____	General Concentration 4: INFS3000/4000-level course	3		
INFS	____	General Concentration 3: INFS3000/4000-level course	3	INFS	____	Open Elective 5	3		
____	____	Open Elective 4	3	____	____	Open Elective 6	3		
				INFS	4860	Program Outcomes Assessment	0		