



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

BACHELOR OF SCIENCE (B.S.) IN COMPUTER INFORMATION SYSTEM (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
STAT	2110	RMU core course 4: Statistics	3		HIST; or POLS	____; or 1020	RMU core course 8: History elective; or American National Government	3
SOCI; or SOCI	1010; or 1020	RMU core course 5: Principles of Sociology; or Contemp Amer Social Prob (Honors: SOCI1025)	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		ENGL	____	RMU core course 11: Literature elective	3
INFS	2150	Introduction to Web Dev and E-Comm Tech	3		INFS	3220	Systems Analysis and Design	3
INFS	3210	Operating Systems Concepts	3		INFS	3230	Networks/Data/Computer Communication	3
ACCT	2030	Intro to Financial Accounting	3		ACCT	2060	Managerial Accounting	3
					____	____	Open Elective 2	3
FALL		Semester 5		YEAR 3	SPRING	Semester 6		
MGMT	2000	Management Theory and Practice	3		BLAW; or FINA	1050; or 3000	Legal Environ of Business I; or Principles of Finance	3
INFS	4220	Database Management System	3		INFS	3235	Computer Network Security	3
HUMA	1010	RMU core course 12: Humanities: Arts a& Music	3		____	____	RMU core course 13: Natural Science Elective	3
____	____	Open Elective 3	3		INFS	3450	Quantitative Analysis for IS Prof	3
INFS	3000- 4000	General Concentration - Restricted Elective 1	3		INFS	____	Programming II (Choice of C++, C#, Java)	3
FALL		Semester 7		YEAR 4	SPRING	Semester 8		
INFS	3000- 4000	General Concentration - Restricted Elective 2	3		INFS	4810	Project Management	3
MARK; or FINA	2000; or 3000	Principles of Marketing; or Principles of Finance	3		INFS	4170	Glob, Econ, Soc, Eth Iss Comp	3
INFS	3221	Advanced Systems Analysis and Design	3		INFS	3000- 4000	General Concentration - Restricted Elective 4	3
INFS	3000- 4000	General Concentration - Restricted Elective 3	3		____	____	Open Elective 5	3
____	____	Open Elective 4	3		____	____	Open Elective 6	3
					INFS	4860	Program Outcomes Assessment	0