



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

BACHELOR OF SCIENCE (B.S.) IN COMPUTER INFORMATION SYSTEMS (123 CREDITS)

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](#). A cumulative GPA of 2.00 or higher is required for graduation.
For more information, contact: **Dr. Peter Wu, Department Head & Professor, Computer and Information Systems, at wu@rmu.edu**

RMU CORE COURSES - 39 CREDITS REQUIRED

CSEN; or CSCM	1010; or 2050	Reading & Writing Strategies; or Intercultural Communications (Honors section: CSHR2050)	3
CSEN	1020	Argument & Research (Honors section: CSHR1025)	3
CSCM	1030	Public Speaking & Persuasion (Honors section: CSHR1030)	3
CSCM	2040	Professional Communication in Workplace (Honors section: CSHR2040)	3
ECON	1010	Survey of Economics (Honors section: ECON1015)	3
HUMA	1010	Humanities: Art and Music (Honors section: HUMA1015)	3
INFS	1020	Fundamentals of Information Technology (Honors section: INFS1025) – Minimum grade of “C” required	3
STAT	2110	Statistics	3
PSYC	1010	General Psychology (Honors section: PSYC1015)	3
SOCI; or SOCI	1010; or 1020	Principles of Sociology; or Contemporary American Social Problems (Honors section: SOCI1025)	3
HIST; or POLS	____; or ____	History Elective Choose from: 1100 (Honors section: HIST1105), 1200, 1500, 1600, 1700, or 1800; or Political Science Elective 1020 (Honors section: POLS1025)	3
ENGL	____	Literature Elective Choose from 1040, 1050, 1060, 2030, 2040, 2055 (HNRS: HNRS2065), or 2080	3
____	____	Natural Science Elective Choose from BIOL1040, BIOL1050, BIOL1060, BIOL1250, BIOL1320, CHEM1220, ENVS1140, ENVS1160, ENVS1170, GEOL1090 (HNRS: GEOL1095), GEOL1100, GEOL1130, PHYS1060, or SCIE1020	3

PROGRAM REQUIREMENTS - 9 CREDITS REQUIRED

INFS	3450	Quantitative Analysis for Information Systems Professionals	3
INFS	4170	Global, Econ, Soc, Ethical Issues in Computing	3
MATH	2040	Finite Math and Calculus	3

MAJOR - 30 CREDITS REQUIRED – Minimum grade of “C” must be earned for each course

INFS	2120; or ____	Visual Basic Programming; OR 2130, 2140, 2151, 2160, 2184, 3211, or 3212	3
INFS	2150	Intro to Web Dev & E-Comm Tech	3
INFS	3121; or ____	Visual Basic Programming II; or 3130, 3141, 3152, 3185, or 4150	3
INFS	3210	Operating Systems Concepts	3
INFS	3220	Systems Analysis and Design	3
INFS	3221	Advanced Systems Analysis and Design	3
INFS	3230	Network Data/Computer Communication	3
INFS	3235	Computer and Network Security	3
INFS	4240	Database Management Systems	3
INFS	4810	Project Management	3
INFS	4860	Program Outcomes Assessment	0

**GENERAL CONCENTRATION - 12 CREDITS REQUIRED -3000/4000 INFS courses in consultation with academic advisor
Minimum grade of “C” must be earned for each course**

____	____	General Concentration - Restricted Elective 1	3
____	____	General Concentration - Restricted Elective 2	3
____	____	General Concentration - Restricted Elective 3	3
____	____	General Concentration - Restricted Elective 4	3

BUSINESS AREA OF INTEREST - 15 CREDITS REQUIRED - Minimum grade of “C” must be earned for each course

ACCT	2030	Intro to Financial Accounting	3
ACCT	2060	Managerial Accounting	3
MGMT	2000	Management Theory and Practice	3
FINA; or BLAW	3000; or 1050	Principles of Finance; or Legal Environ of Business I	3
MARK; or FINA	2000; or 3000	Principles of Marketing; or Principles of Finance	3

OPEN ELECTIVES - 18 CREDITS MINIMUM REQUIRED

____	____	Open Elective 1	3
____	____	Open Elective 2	3
____	____	Open Elective 3	3
____	____	Open Elective 4	3
____	____	Open Elective 5	3
____	____	Open Elective 6	3