QCC to WPI School of Business Pathways

Below are pathways for QCC transfers to WPI Business degrees based on our TES credit evaluation system. Not seeing a major you are interested in? Reach out to us at transfer@wpi.edu.

Business

Course	Credits	Course	Units
MAT 233 Calculus I	4	MA 1021 Calculus I	1/3
MAT 234 Calculus II	4	MA 1022 Calculus II**	1/3
MAT 122 Statistics	3	MA 2611 Applied Statistics	1/3
ECO 215 Principles of Macroeconomics OR ECO 216 Principles of Microeconomics	3	ECON 1120 Introductory Macroeconomics OR ECON 1110 Introductory Microeconomics	1/3
ENG 101 Composition I	3	WR 1010 Elements of Writing	1/3
ENG 102 Composition II	3	EN 1251 Introduction to Literature	1/3
BSL 101 Business Law I	4	BUS 2020 The Legal Environment of Business Decisions	1/3
MGT 222 International Business & Management	3	BUS 1020 Global Environment of Business Decisions	1/3
CSC 101 Introduction to Programming Using Python OR CSC 108 Computer Science I	3 / 4	CS 1004 Introduction to Programming for Non-Majors OR CS 1101 Introduction to Program Design	1/3
Take 1-2 lab sciences (see TES for equivalences)	4-8		1/3 – 2/3
Take at most 2 of the following: ACC 101 Financial Accounting I ACC 222 Managerial Accounting MGT 101 Introduction to Business MGT 216 Entrepreneurship and Small Business Management	3-6	ACC 1XXX 1000-level elective ACC 1XXX 1000-level elective BUS 1XXX 1000-level elective ETR 1XXX 1000-level elective	1/3-2/3
Total credits	37-45		11/3-13/3

** Completion of MAT 233 and MAT 234 with acceptable grades will provide credit for MA 1021, MA 1022, and MA 1023

Financial Technology

Course	Credits	Course	Units
MAT 233 Calculus I	4	MA 1021 Calculus I	1/3
MAT 234 Calculus II	4	MA 1022 Calculus II**	1/3
MAT 122 Statistics	3	MA 2611 Applied Statistics	1/3
ECO 215 Principles of Macroeconomics	3	ECON 1120 Introductory Macroeconomics	1/3
ECO 216 Principles of Microeconomics	3	ECON 1110 Introductory Microeconomics	1/3
ENG 101 Composition I	3	WR 1010 Elements of Writing	1/3
ENG 102 Composition II	3	EN 1251 Introduction to Literature	1/3
BSL 101 Business Law I	4	BUS 2020 The Legal Environment of Business Decisions	1/3
CSC 108 Computer Science I	4	CS 1101 Introduction to Program Design	1/3
Optional: CS 109 Computer Science II	4	Optional: CS 2102 Object-Oriented Design Concepts	1/3
Take 1-2 lab sciences (see TES for equivalences)	4-8		1/3 – 2/3
Total credits	35-43		11/3-12/3

** Completion of MAT 233 and MAT 234 with acceptable grades will provide credit for MA 1021, MA 1022, and MA 1023

Industrial Engineering

Course	Credits	Course	Units
CHM 123 Principles of Chemistry for Engineers I	4	CH 1010 Chemical Properties, Bonding and Forces	1/3
ENG 101 Composition I	3	WR 1010 Elements of Writing	1/3
ENG 102 Composition II	3	EN 1251 Introduction to Literature	1/3
MAT 233 Calculus I	4	MA 1021 Calculus I	1/3
MAT 234 Calculus II	4	MA 1022 Calculus II**	1/3
MAT 235 Calculus III	4	MA 1024 Calculus IV***	1/3
MAT 238 Differential Equations	3	MA 2051 Ordinary Differential Equations	1/3
PHY 105 Physics I: Newtonian Mechanics	4	PH 1110 General Physics – Mechanics	1/3
PHY 107 General Physics II: Electricity & Magnetism OR CHM 124 Principles of Chemistry for Engineers II	4	PH 1120 General Physics – Electricity and Magnetism OR CH 1020 Chemical Reactions*	1/3
CSC 108 Computer Science I OR	4	CS 1101 Introduction to Program Design	1/3
CSC 109 Computer Science II	4	CS 2102 Object-Oriented Design Concepts	1/3
Optional: Take an additional math, lab science, or engineering course (see TES for equivalences)	3-4		1/3
Total credits	41-45	Total units	11/3-12/3

*Completion of CHM 123 and CHM 124 with acceptable grades will provide credit for CH 1010, CH 1020, and CH 1030

** Completion of MAT 233 and MAT 234 with acceptable grades will provide credit for MA 1021, MA 1022, and MA 1023

***Completion of MAT 233, MAT 234, and MAT 235 with acceptable grades will provide credit for MA 1021, MA 1022, MA 1023, and MA 1024

Management Information Systems

Course	Credits	Course	Units
MAT 233 Calculus I	4	MA 1021 Calculus I	1/3
MAT 234 Calculus II	4	MA 1022 Calculus II**	1/3
MAT 122 Statistics	3	MA 2611 Applied Statistics	1/3
ECO 215 Principles of Macroeconomics OR ECO 216 Principles of Microeconomics	3	ECON 1120 Introductory Macroeconomics OR ECON 1110 Introductory Microeconomics	1/3
ENG 101 Composition I	3	WR 1010 Elements of Writing	1/3
ENG 102 Composition II	3	EN 1251 Introduction to Literature	1/3
BSL 101 Business Law I	4	BUS 2020 The Legal Environment of Business Decisions	1/3
CSC 108 Computer Science I	4	CS 1101 Introduction to Program Design	1/3
CS 109 Computer Science II	4	CS 2102 Object-Oriented Design Concepts	1/3
Take 1-2 lab sciences (see TES for equivalences)	4-8		1/3 – 2/3
Take at most 2 of the following: ACC 101 Financial Accounting I ACC 222 Managerial Accounting MGT 101 Introduction to Business MGT 216 Entrepreneurship and Small Business Management	3-6	ACC 1XXX 1000-level elective ACC 1XXX 1000-level elective BUS 1XXX 1000-level elective ETR 1XXX 1000-level elective	1/3-2/3
Total credits	39-46		11/3-13/3

** Completion of MAT 233 and MAT 234 with acceptable grades will provide credit for MA 1021, MA 1022, and MA 1023

Management Engineering

Course	Credits	Course	Units
MAT 233 Calculus I	4	MA 1021 Calculus I	1/3
MAT 234 Calculus II	4	MA 1022 Calculus II**	1/3
MAT 122 Statistics	3	MA 2611 Applied Statistics	1/3
ECO 215 Principles of Macroeconomics OR ECO 216 Principles of Microeconomics	3	ECON 1120 Introductory Macroeconomics OR ECON 1110 Introductory Microeconomics	1/3
ENG 101 Composition I	3	WR 1010 Elements of Writing	1/3
ENG 102 Composition II	3	EN 1251 Introduction to Literature	1/3
BSL 101 Business Law I	4	BUS 2020 The Legal Environment of Business Decisions	1/3
CSC 101 Introduction to Programming Using Python OR CSC 108 Computer Science I	3 / 4	CS 1004 Introduction to Programming for Non-Majors OR CS 1101 Introduction to Program Design	1/3
Take 1-2 lab sciences toward area of concentration (see TES for equivalences): Biomedical Engineering (Chemistry and Physics) Civil Engineering (Chemistry and Physics) Electrical and Computer Engineering (Physics) Information Technology (any) Industrial Engineering (Chemistry and Physics) Manufacturing Engineering (Chemistry and Physics) Mechanical Engineering (Physics and Chemistry)	4-8		1/3 – 2/3
Total credits	37-45		11/3-13/3

** Completion of MAT 233 and MAT 234 with acceptable grades will provide credit for MA 1021, MA 1022, and MA 1023