

# **Transfer Pathways for Select Quinsigamond Community College STEM Associate Degrees to Select Worcester Polytechnic Institute 4-year Degrees**

*This document reflects an **UNOFFICIAL** evaluation of undergraduate transfer credits by Worcester Polytechnic Institute as of May 31, 2025, and it may differ from an official evaluation, which would be completed upon receipt of an application for admission and all official transcripts.*

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*Note that each QCC associate degree provides ideas for what major you could pursue at WPI on the following pages.*

Checkmarks (✓) denote that the course will count towards the specified degree's requirement. Final review and confirmation that a course will fulfill a degree requirement is based on the degree requirements within the undergraduate catalog at the time of matriculation to WPI.

*Additional courses may be equivalent to a WPI course but have not been evaluated.*

Current course evaluations can be found here: [https://tes.collegesource.com/publicview/TES\\_publicview01.aspx?rid=34076cbf-fca1-4968-8f3f-08d4e25fd9d5&aid=04996a1f-7563-4932-a580-3b9fb14fa403](https://tes.collegesource.com/publicview/TES_publicview01.aspx?rid=34076cbf-fca1-4968-8f3f-08d4e25fd9d5&aid=04996a1f-7563-4932-a580-3b9fb14fa403)

*\* Best to take courses that transfers as a WPI numbered courses rather than 1XXX or 2XXX Level electives \**

Please review the WPI Undergraduate Catalog for more information <https://wpi.cleancatalog.net/>

WPI degree tracking sheets can be found here: <https://www.wpi.edu/student-experience/resources/academic-advising/program-tracking-sheets>

Information on the WPI Terms and Credits Unit system can be found here: <https://wpi.cleancatalog.net/wpi-degree-requirements>

## Biotechnology at QCC (before Fall 2025) to 'Biology & Biotechnology' at WPI

QCC Course	Credits	WPI Course	Credits	BBT Degree
BTT 101: Introduction to Biotechnology	3	BB 1101: Foundations of Cellular and Molecular Biotechnology	1/3	✓
CHM 105: General Chemistry I	4	*CH 1010: Chemical Properties, Bonding, And Forces	1/3	✓
ENG 101: Composition I	3	WR 1010: Elements Of Writing	1/3	✓
MAT 122: Statistics	3	MA 2611: Applied Statistics I	1/3	✓
BIO 107: Biology II: Introduction to Cells and Molecules	4	BB 1001: Introduction To Biology	1/3	✓
CHM 106: General Chemistry II	4	*CH1020: Chemical Reactions	1/3	✓
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓
MAT 123: College Mathematics I: Pre-Calculus	3	No WPI Equivalency	---	---
BIO 231: General Microbiology	4	BB 2003: Fundamentals of Microbiology	1/3	✓
MAT 124: College Mathematics II: Trigonometry	3	No WPI Equivalency	---	---
SPH 101: Speech Communication Skills	3	HU 1XXX: Humanities 1000 Level Elective	1/3	✓
Social Science Elective	3	See Social Science Electives Table	1/3	✓
BIO 259: Cell Biology	4	BB 2550: Cell Biology	1/3	✓
BIO 260: Molecular Biology	4	BB 2950: Molecular Biology	1/3	✓
ENG 209: Creative Nonfiction	3	EN 2219: Creative Writing	1/3	✓
ENG 205: Technical and Workplace Writing		WR 3210: Technical Writing		
Social Science Elective	3	See HIS courses in Social Science Electives Table	1/3	✓
BTT 211: Techniques in Biotechnology I	3	EL 1XXX: General Elective 1000 Level	1/3	✓
BTT 212: Techniques in Biotechnology II	3	EL 1XXX: General Elective 1000 Level	1/3	✓
				✓

\* CHM 105 and CHM 106 combined are equivalent to CH 1010, CH 1020, and CH 1030

WPI Humanities Depth (3 courses) would be fulfilled with the suggested courses here

**Biotechnology at QCC (Fall 2025 onward)  
to 'Biology & Biotechnology' at WPI**

QCC Course	Credits	WPI Course	Units	BBT Degree
BTT 102: Introduction to Biotechnology with Lab	4	BB 1101: Foundations of Cellular and Molecular Biotechnology	1/3	✓
CHM 105: General Chemistry I	4	*CH 1010: Chemical Properties, Bonding, And Forces	1/3	✓
ENG 101: Composition I	3	WR 1010: Elements Of Writing	1/3	✓
MAT 123: College Mathematics I: Pre-Calculus	3	No WPI Equivalency	---	---
BIO 107: Biology II: Introduction to Cells and Molecules	4	BB 1001: Introduction To Biology	1/3	✓
CHM 106: General Chemistry II	4	*CH1020: Chemical Reactions	1/3	✓
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓
MAT 124: College Mathematics II: Trigonometry	3	No WPI Equivalency	---	---
BIO 231: General Microbiology	4	BB 2003: Fundamentals of Microbiology	1/3	✓
MAT 122: Statistics	3	MA 2611: Applied Statistics I	1/3	✓
SPH 101: Speech Communication Skills	3	HU 1XXX: Humanities 1000 Level Elective	1/3	✓
History Elective	3	See HIS courses in Social Science Electives Table	1/3	✓
BIO 259: Cell Biology	4	BB 2550: Cell Biology	1/3	✓
BIO 262: Principles of Genetics	4	BB 2920: Genetics	1/3	✓
Humanities Elective	3	See Humanities Electives Table	1/3	✓
Social Science Elective	3	See Social Science Electives Table	1/3	✓
BTT 211: Techniques in Biotechnology I	3	EL 1XXX General Elective 1000 Level	1/3	✓
MNT 100: Manufacturing Safety	3	EL 1XXX General Elective 1000 Level	1/3	✓
				✓

\* CHM 105 and CHM 106 combined are equivalent to CH 1010, CH 1020, and CH 1030

**Biology at QCC (before Fall 2025)  
to 'Biology & Biotechnology' or 'Bioinformatics and Computation Biology' at WPI**

QCC Course	Credits	WPI Course	Units	BBT Degree	BCB Degree
BIO 106: Biology I: Introduction to Organismal Diversity	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3	✓	✓
CHM 105: General Chemistry I	4	*CH 1010: Chemical Properties, Bonding, And Forces	1/3	✓	✓
ENG 101: Composition I	3	WR 1010: Elements Of Writing	1/3	✓	✓
MAT 122: Statistics	3	MA 2611: Applied Statistics I	1/3	✓	✓
BIO 107: Biology II: Introduction to Cells and Molecules	4	BB 1001: Introduction to Biology	1/3	✓	✓
CHM 106: General Chemistry II	4	*CH1020: Chemical Reactions	1/3	✓	✓
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓	✓
MAT 123: College Mathematics I: Pre-Calculus	3	No WPI Equivalency	---	---	---
See the Social Science Foundation Electives Table	3	See the Social Science Foundation Electives Table	1/3	✓	✓
BIO 262: Principles of Genetics	4	BB 2920: Genetics	1/3	✓	✓
CHM 201: Organic Chemistry I OR PHY 105: General Physics I: Newtonian Mechanics	4	**CH 2310: Organic Chemistry I OR PH 1110: General Physics-Mechanics	1/3	✓	✓
MAT 124: College Mathematics II: Trigonometry	3	No WPI Equivalency	---	---	---
Literature, Philosophy, or Language Electives	3	See the Literature, Philosophy, or Language Electives Table	1/3	✓	✓
US and World History Survey Electives	3	See the US and World History Table	1/3	✓	✓
BIO 231: General Microbiology OR BIO 259: Cell Biology	4	BB 2003: Fundamentals of Microbiology OR BB 2550: Cell Biology	1/3	✓	✓
CHM 202: Organic Chemistry II OR PHY 107: General Physics II: Electricity & Magnetism	4	**CH 2320: Organic Chemistry I OR PH 1120: General Physics-Electricity And Magnetism	1/3	✓	✓
Creative Arts Elective	3	See the Creative Arts Electives Table	1/3	✓	✓
Multiple Perspectives Elective	3	See the Multiple Perspectives Electives Table	1/3	✓	✓
*CHM 105 and CHM 106 together are equivalent to CH 1010, CH 1020, and CH 1030				✓	---
**CHM 201 and CHM 202 together are equivalent to CH 2310, CH 2320, and CH2660				✓	---
<i>if you take the orgo sequence →</i>				✓	---

**Biology at QCC (Fall 2025 onward)  
to 'Biology & Biotechnology' or 'Bioinformatics and Computation Biology' at WPI**

QCC Course	Credits	WPI Course	Units	BBT Degree	BCB Degree
BIO 106: Biology I: Introduction to Organismal Diversity	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3	✓	✓
CHM 105: General Chemistry I	4	*CH 1010: Chemical Properties, Bonding, And Forces	1/3	✓	✓
ENG 101: Composition I	3	WR 1010: Elements Of Writing	1/3	✓	✓
MAT 123: College Mathematics I: Pre-Calculus	3	No WPI Equivalency	---	---	---
BIO 107: Biology II: Introduction to Cells and Molecules	4	BB 1001: Introduction to Biology	1/3	✓	✓
CHM 106: General Chemistry II	4	*CH1020: Chemical Reactions	1/3	✓	✓
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓	✓
MAT 124: College Mathematics II: Trigonometry	3	No WPI Equivalency	---	---	---
Social Science Foundation Elective	3	See the Social Science Foundation Electives Table	1/3	✓	✓
BIO 231: General Microbiology OR BIO 259: Cell Biology	4	BB 2003: Fundamentals of Microbiology OR BB 2550: Cell Biology	1/3	✓	✓
CHM 201: Organic Chemistry I - OR - <del>PHY 101: Physics I - OR -</del> PHY 105: General Physics I: Newtonian Mechanics	4	**CH 2310: Organic Chemistry I - OR - <del>PH 1XXX: Physics 1000 Level Elective - OR -</del> <del>PH 1110: General Physics Mechanics</del>	1/3	✓	✓
MAT 122: Statistics	3	MA 2611: Applied Statistics I	1/3	✓	✓
Literature, Philosophy, or Language Elective	3	See the Literature, Philosophy, or Language Electives Table	1/3	✓	✓
US and World History Survey Elective	3	See the US and World History Table	1/3	✓	✓
BIO 262: Principles of Genetics	4	BB 2920: Genetics	1/3	✓	✓
CHM 202: Organic Chemistry II- OR - <del>PHY 102: Physics II - OR -</del> PHY 107: General Physics II: Electricity & Magnetism	4	**CH 2320: Organic Chemistry I- OR - <del>PH 1XXX: Physics 1000 Level Elective - OR -</del> <del>PH 1120: General Physics Electricity And Magnetism</del>	1/3	✓	✓
Creative Arts Elective	3	See the Creative Arts Electives Table	1/3	✓	✓
Multiple Perspectives Elective	3	See the Multiple Perspectives Electives Table	1/3	✓	✓
				✓	---
				✓	---

\*CHM 105 and CHM 106 together are equivalent to CH 1010, CH 1020, and CH 1030

\*\*CHM 201 and CHM 202 together are equivalent to CH 2310, CH 2320, and CH2660

if you take the orgo sequence →

## Environmental Science at QCC to 'Environmental and Sustainability Studies' at WPI

QCC Course	Credits	WPI Course	Units	ESS Degree
BIO 106: Biology I: Introduction to Organismal Diversity	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3	✓
CHM 105: General Chemistry I	4	*CH 1010: Chemical Properties, Bonding, And Forces	1/3	✓
ENG 101: Composition I	3	WR 1010: Elements of Writing	1/3	✓
MAT 123: College Mathematics I: Pre-Calculus	3	No WPI Equivalency	---	---
BIO 107: Biology II: Introduction to Cells and Molecules	4	BB 1001: Introduction To Biology	1/3	✓
CHM 106: General Chemistry II	4	*CH1020: Chemical Reactions	1/3	✓
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓
MAT 124: College Mathematics II: Trigonometry	3	No WPI Equivalency	---	---
SOC 101: Introductory Sociology (Principles)	3	SOC 1202: Introduction to Sociology and Cultural Diversity	1/3	✓
SPH 101: Speech Communication Skills	3	HU 1XXX: Humanities 1000 Level Elective	1/3	✓
MAT 233: Calculus I	4	MA 1021: Calculus I	1/3	✓
PHY 101: Physics I	4	PH 1XXX: Physics 1000 level elective	1/3	?
SCI 104: Climate and Weather: Causes and Effects	3	EL 1XXX: General Elective 1000 Level	1/3	✓
SCI 105: Integrated Science: Earth and Space	4	EL 1XXX: General Elective 1000 Level	1/3	✓
MAT 122: Statistics	3	MA 2611	1/3	✓
PHI 131: Introduction to Ethics	3	PY 2731: Ethics	1/3	✓
SCI 110: Sustaining Earth's Environment	4	EL 1XXX: General Elective 1000 Level	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	✓
*CHM 105 and CHM 106 together are equivalent to CH 1010, CH 1020, and CH 1030				---

## Chemistry at QCC to 'Chemistry' or 'Biochemistry' at WPI

QCC Course	Credits	WPI Course	Units	Chem Degree	Biochem Degree
BIO 106: Biology I: Introduction to Organismal Diversity	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3	✓	✓
CHM 105: General Chemistry I	4	*CH 1010: Chemical Properties, Bonding, And Forces	1/3	✓	✓
ENG 101: Composition I	3	WR 1010: Elements Of Writing	1/3	✓	✓
MAT 233: Calculus I	4	#MA 1021: Calculus I	1/3	✓	✓
BIO 107: Biology II: Introduction to Cells and Molecules	4	BB 1001: Introduction To Biology	1/3	✓	✓
CHM 106: General Chemistry II	4	*CH1020: Chemical Reactions	1/3	✓	✓
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓	✓
MAT 234: Calculus II	4	#MA 1022: Calculus II	1/3	✓	✓
Creative Arts Elective	3	See the Creative Arts Electives Table	1/3	✓	✓
Multiple Perspectives Elective	3	See the Multiple Perspectives Electives Table	1/3	✓	✓
CHM 201: Organic Chemistry I	4	**CH 2310: Organic Chemistry I	1/3	✓	✓
PHY 105: General Physics I: Newtonian Mechanics	4	PH 1110: General Physics-Mechanics	1/3	✓	✓
Literature, Philosophy, or Language Elective	3	See the Literature, Philosophy, or Language Electives Table	1/3	✓	✓
CHM 202: Organic Chemistry II	4	**CH 2320: Organic Chemistry II	1/3	✓	✓
PHY 107: General Physics II: Electricity & Magnetism	4	PH 1120: General Physics-Electricity And Magnetism	1/3	✓	✓
Social Science Foundation Elective	3	See the Social Science Foundation Electives Table	1/3	✓	✓
US and World History Survey Elective	3	See the US and World History Electives Table	1/3	✓	✓
*CHM 105 and CHM 106 together are equivalent to CH 1010, CH 1020, and CH 1030				✓	✓
**CHM 201 and CHM 202 together are equivalent to CH 2310, CH 2320, and CH2660				✓	✓
#MAT 233 and MAT 234 combined are equivalent to MA 1021, MA 1022, and MA 1023				✓	✓

**Mathematics at QCC (before Fall 2025)  
to 'Mathematics' or 'Actuarial Mathematics' at WPI**

QCC Course	Credits	WPI Course	Units	MA Degree	Act MA Degree
CIS 111: Introduction to Microcomputer Applications	3	EL 1XXX: General Elective 1000 Level	1/3	---	---
ECO 215: Principles of Macroeconomics OR ECO 216: Principles of Microeconomics	3	ECON 1120: Introductory Macroeconomics or a ECON 1110: Introductory Microeconomics	1/3	✓	✓
ENG 101: Composition I	3	WR 1010: Elements of Writing	1/3	✓	✓
MAT 233: Calculus I	4	##MA 1021: Calculus I	1/3	✓	✓
PSY 101: Introduction to Psychology OR SOC 101: Introductory Sociology (Principles)	3	PSY 1400: Introduction to Psychological Sciences or SOC 1202: Introduction to Sociology and Cultural Diversity	1/3	✓	✓
CSC 108: Computer Science I	4	CS 1101: Introduction To Program Design	1/3	✓	✓
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓	✓
MAT 125: Discrete Mathematics	3	MA 2201: Discrete Mathematics	1/3	✓	✓
MAT 234: Calculus II	4	##MA 1022: Calculus II	1/3	✓	✓
HUM 105: Introduction to Humanities	3	HU 1XXX: Humanities 1000 Level Elective	1/3	✓	✓
MAT 235: Calculus III	4	##MA 1024: Calculus IV	1/3	✓	✓
MAT 237: Probability & Statistics for Engineers and Scientists	3	MA 2611: Applied Statistics I	1/3	✓	✓
Lab Science Elective	4	See Lab Science Electives Table	1/3	✓	✓
HST 104: World History I: Beginning to 1500 OR HST 106: World History III: World War I to Present	3	HI 1341 Introduction to Global History OR HI 1313 The US and the World	1/3	✓	✓
HUM 234: Mathematics and Science in the Humanities	3	HI 1330: Introduction To The History Of Science And Technology	1/3	✓	✓
MAT 238: Differential Equations	3	MA 2051: Ordinary Differential Equations	1/3	✓	✓
MAT 243: Linear Algebra	3	MA 2071: Matrices And Linear Algebra I	1/3	✓	✓
Lab Science Elective	4	See Lab Science Electives Table	1/3	✓	✓
##MAT 233, MAT 234, and MAT 235 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024				✓	✓

**Mathematics at QCC (Fall 2025 onward)  
to 'Mathematics' or 'Actuarial Mathematics' at WPI**

QCC Course	Credits	WPI Course	Units	MA Degree	Act MA Degree
CSC 101: Introduction to Programming Using Python	3	CS 1004: Introduction to Programming for Non-Majors	1/3	✓	✓
ECO 215: Principles of Macroeconomics OR ECO 216: Principles of Microeconomics	3	ECON 1120: Introductory Macroeconomics or a ECON 1110: Introductory Microeconomics	1/3	✓	✓
ENG 101: Composition I	3	WR 1010: Elements of Writing	1/3	✓	✓
MAT 233: Calculus I	4	##MA 1021: Calculus I	1/3	✓	✓
PSY 101: Introduction to Psychology OR SOC 101: Introductory Sociology (Principles)	3	PSY 1400: Introduction to Psychological Sciences or SOC 1202: Introduction to Sociology and Cultural Diversity	1/3	✓	✓
CSC 108: Computer Science I	4	CS 1101: Introduction To Program Design	1/3	✓	✓
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓	✓
MAT 125: Discrete Mathematics	3	MA 2201: Discrete Mathematics	1/3	✓	✓
MAT 234: Calculus II	4	##MA 1022: Calculus II	1/3	✓	✓
HUM 105: Introduction to Humanities	3	HU 1XXX: Humanities 1000 Level Elective	1/3	✓	✓
MAT 235: Calculus III	4	##MA 1024: Calculus IV	1/3	✓	✓
MAT 237: Probability & Statistics for Engineers and Scientists	3	MA 2611: Applied Statistics I	1/3	✓	✓
Lab Science Elective	4	See Lab Science Electives Table	1/3	✓	✓
HST 104: World History I: Beginning to 1500 OR HST 106: World History III: World War I to Present	3	HI 1341 Introduction to Global History OR HI 1313 The US and the World	1/3	✓	✓
HUM 234: Mathematics and Science in the Humanities	3	HI 1330: Introduction To The History Of Science And Technology	1/3	✓	✓
MAT 238: Differential Equations	3	MA 2051: Ordinary Differential Equations	1/3	✓	✓
MAT 243: Linear Algebra	3	MA 2071: Matrices And Linear Algebra I	1/3	✓	✓
Lab Science Elective	4	See Lab Science Electives Table	1/3	✓	✓
##MAT 233, MAT 234, and MAT 235 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024				✓	✓

**Computer Science - Transfer at QCC (before Fall 2025)  
to 'Computer Science' or 'Bioinformatics and Computational Biology' or 'Data Science' at WPI**

QCC Course	Credits	WPI Course	Units	CS Degree	BCB Degree	DS Degree
CSC 108: Computer Science I or ROS 108: Introduction to Robotics	4	CS 1101: Introduction to Program Design or CS 1XXX or ROS 1XXX: 1000-level Computer Science or Robotics Engineering Elective	1/3	✓	✓	✓
ENG 101: Composition I	3	WR 1010: Elements Of Writing	1/3	✓	✓	✓
MAT 233: Calculus I	4	#MA 1021: Calculus I	1/3	✓	✓	✓
Lab Science Elective	4	See Lab Science Electives Table	1/3	✓	See Note CS1	✓
CSC 109: Computer Science II or ROS 109: Intermediate Robotics	4	CS 2102: Object-Oriented Design Concepts or CS 2XXX or ROS 2XXX: 2000-level Computer Science or Robotics Engineering Elective	1/3	✓	✓	✓
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓	✓	✓
MAT 234: Calculus II	4	#MA 1022: Calculus II	1/3	✓	✓	✓
Lab Science Elective	4	See Lab Science Electives Table	1/3	✓	See Note CS1	✓
CSC 211: Programming with Data Structures	4	CS 2223: Algorithms	1/3	✓	✓	✓
MAT 125: Discrete Mathematics	3	MA 2201: Discrete Mathematics	1/3	✓	✓	✓
MAT 237: Probability & Statistics for Engineers and Scientists	3	MA 2611: Applied Statistics I	1/3	✓	✓	✓
SPH 101: Speech Communication Skills	3	HU 1XXX: Humanities 1000 Level Elective	1/3	✓	✓	✓
ENG 209: Creative Nonfiction ENG 205: Technical and Workplace Writing	3	EN 2219: Creative Writing WR 3210: Technical Writing	1/3	✓	✓	✓
CSC 208: Introduction to Architecture and Assembly Language	4	CS 2011: Introduction to Machine Organization and Assembly Language	1/3	✓	✓	✓
CSC 212: Introduction to Software Engineering	4	CS 3733: Software Engineering	1/3	✓	✓	✓
Social Science Elective	3	See HIS courses in Social Science Electives Table	1/3	✓	✓	✓
Social Science Elective	3	See ECO, PSY, or SOC in Social Science Electives Table	1/3	✓	✓	✓
				✓	✓	✓

#MAT 233 and MAT 234 combined are equivalent to MA 1021, MA 1022, and MA 1023

WPI Humanities Depth (3 courses) would be fulfilled with the suggested courses here

Note CS1: If you are considering Bioinformatics and Computation Biology (BCB) at WPI, you should take CHM 105 and CHM 106 (preferred) or other CHM or BIO course (may count towards BCB degree requirements as well) from the Lab Science Electives Table

**Computer Science - Transfer at QCC (Fall 2025 onward)  
to 'Computer Science' or 'Bioinformatics and Computational Biology' or 'Data Science' at WPI**

QCC Course	Credits	WPI Course	Units	CS Degree	BCB Degree	DS Degree
CSC 108: Computer Science I or ROS 108: Introduction to Robotics	4	CS 1101: Introduction to Program Design or CS 1XXX or ROS 1XXX: 1000-level Computer Science or Robotics Engineering Elective	1/3	✓	✓	✓
ENG 101: Composition I	3	WR 1010: Elements Of Writing	1/3	✓	✓	✓
MAT 233: Calculus I	4	#MA 1021: Calculus I	1/3	✓	✓	✓
Lab Science Elective	4	See Lab Science Electives Table	1/3	✓	See Note CS1	✓
CSC 109: Computer Science II or ROS 109: Intermediate Robotics	4	CS 2102: Object-Oriented Design Concepts or CS 2XXX or ROS 2XXX: 2000-level Computer Science or Robotics Engineering Elective	1/3	✓	✓	✓
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓	✓	✓
MAT 234: Calculus II	4	#MA 1022: Calculus II	1/3	✓	✓	✓
Lab Science Elective	4	See Lab Science Electives Table	1/3	✓	See Note CS1	✓
CSC 211: Programming with Data Structures	4	CS 2223: Algorithms	1/3	✓	✓	✓
MAT 125: Discrete Mathematics	3	MA 2201: Discrete Mathematics	1/3	✓	✓	✓
MAT 237: Probability & Statistics for Engineers and Scientists	3	MA 2611: Applied Statistics I	1/3	✓	✓	✓
SPH 101: Speech Communication Skills	3	HU 1XXX: Humanities 1000 Level Elective	1/3	✓	✓	✓
Humanities Elective	3	See Humanities Electives Table	1/3	✓	✓	✓
CSC 208: Introduction to Architecture and Assembly Language	4	CS 2011: Introduction to Machine Organization and Assembly Language	1/3	✓	✓	✓
CSC 212: Introduction to Software Engineering	4	CS 3733: Software Engineering	1/3	✓	✓	✓
Social Science Elective	3	See HIS courses in Social Science Electives Table	1/3	✓	✓	✓
Social Science Elective	3	See ECO, PSY, or SOC in Social Science Electives Table	1/3	✓	✓	✓
#MAT 233 and MAT 234 combined are equivalent to MA 1021, MA 1022, and MA 1023				✓	✓	✓

#MAT 233 and MAT 234 combined are equivalent to MA 1021, MA 1022, and MA 1023

WPI Humanities Depth (3 courses) would be fulfilled with the suggested courses here  
 Note CS1: If you are considering Bioinformatics and Computation Biology (BCB) at WPI, you should take either CHM 105, CHM 106, BIO 107, or other CHM or BIO course from the Lab Science Electives Table

## Biomedical Engineering - Transfer at QCC (before Fall 2025) to Biomedical Engineering WPI

QCC Course	Credits	WPI Course	Units	BME Degree
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	✓
MAT 233: Calculus I	4	##MA 1021: Calculus I	1/3	✓
Social Science Elective	3	See ECO, PSY, or SOC in Social Science Electives	1/3	✓
BIO 107: Biology II: Introduction to Cells and Molecules	4	BB 1001: Introduction to Biology	1/3	✓
CHM 124: Principles of Chemistry for Engineers II	4	*CH1030: Kinetics, Equilibrium and Thermodynamics	1/3	✓
MAT 234: Calculus II	4	##MA 1022: Calculus II	1/3	✓
PHY 105: General Physics I: Newtonian Mechanics	4	PH 1110: General Physics-Mechanics	1/3	✓
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓
ERG 280: Engineering Computation and Modeling	3	BME 1004: Introduction to Programming in MATLAB	1/3	✓
MAT 237: Probability & Statistics for Engineers and Scientists	3	MA 2611: Applied Statistics I	1/3	✓
PHY 107: General Physics II: Electricity & Magnetism	4	PH 1120: General Physics-Electricity and Magnetism	1/3	✓
BIO 259: Cell Biology	4	BB 2550: Cell Biology	1/3	✓
BIO 260: Molecular Biology	4	BB 2950: Molecular Biology	1/3	✓
ERG 211: Introduction to Materials Science	3	ES 2001: Introduction to Material Science	1/3	✓
ERG 221: Statics	3	ES 2501: Introduction to Static Systems	1/3	✓
MAT 235: Calculus III	4	##MA 1024: Calculus IV	1/3	✓
ERG 223: Thermodynamics	3	ES 3001: Introduction to Thermodynamics	1/3	✓
ERG 225: Strength of Materials	3	ES 2502: Stress Analysis	1/3	✓
MAT 238: Differential Equations	3	MA 2051: Ordinary Differential Equations	1/3	✓
MAT 243: Linear Algebra	3	MA 2071: Matrices And Linear Algebra I	1/3	✓
PHY 207: General Physics III: Optics & Modern Physics	4	PH 1130: Modern Physics	1/3	---
<sup>§</sup> CH 123 and CH 124 together are equivalent to CH 1010, CH 1020, and CH 1030				---
<sup>##</sup> MAT 233, MAT 234, and MAT 235 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024				✓

## Biomedical Engineering - Transfer at QCC (Fall 2025 onward) to Biomedical Engineering WPI

QCC Course	Credits	WPI Course	Units	BME Degree
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	✓
MAT 233: Calculus I	4	##MA 1021: Calculus I	1/3	✓
Social Science Elective	3	See Social Science Electives	1/3	✓
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓
CHM 124: Principles of Chemistry for Engineers II	4	*CH1030: Kinetics, Equilibrium and Thermodynamics	1/3	✓
MAT 234: Calculus II	4	##MA 1022: Calculus II	1/3	✓
PHY 105: General Physics I: Newtonian Mechanics	4	PH 1110: General Physics-Mechanics	1/3	✓
ERG 211: Introduction to Materials Science	3	ES 2001: Introduction to Material Science	1/3	✓
ERG 221: Statics	3	ES 2501: Introduction to Static Systems	1/3	✓
MAT 235: Calculus III	4	##MA 1024: Calculus IV	1/3	✓
PHY 107: General Physics II: Electricity & Magnetism	4	PH 1120: General Physics-Electricity and Magnetism	1/3	✓
Humanities Elective	3	See Humanities Electives Table	1/3	✓
BIO 107: Biology II: Introduction to Cells and Molecules	4	BB 1001: Introduction to Biology	1/3	✓
ERG 223: Thermodynamics	3	ES 3001: Introduction to Thermodynamics	1/3	✓
ERG 225: Strength of Materials	3	ES 2502: Stress Analysis	1/3	✓
ERG 280: Engineering Computation and Modeling	3	BME 1004: Introduction to Programming in MATLAB	1/3	✓
MAT 238: Differential Equations	3	MA 2051: Ordinary Differential Equations	1/3	✓
<sup>§</sup> CH 123 and CH 124 together are equivalent to CH 1010, CH 1020, and CH 1030				✓
<sup>##</sup> MAT 233, MAT 234, and MAT 235 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024				✓

## Engineering - Transfer at QCC (before Fall 2025)

to 'Aerospace', 'Architectural', 'Chemical', 'Civil', 'Electrical & Computer', 'Environmental', 'Mechanical', 'Robotics', or 'Industrial' Engineering or Physics at WPI

QCC Course	Credits	WPI Course	Units	AE	AREN	CHE	CE	ECE	ENV	ME	RBE	IE	PHY
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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ERG 101: Engineering Design and Graphics Using CAD	3	EL 1XXX: General Elective 1000 Level	1/3	✓	---	---	---	---	---	✓	---	---	✓
MAT 233: Calculus I	4	##MA 1021: Calculus I	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Social Science Elective	3	See ECO, PSY, or SOC in Social Science Electives Table	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CHM 124: Principles of Chemistry for Engineers II	4	*CH1030: Kinetics, Equilibrium and Thermodynamics	1/3	✓	---	✓	✓	✓	✓	✓	✓	✓	✓
ERG 280: Engineering Computation and Modeling	3	ME 2312: Introduction to Computational Solutions	1/3	✓	---	✓	✓	✓	✓	✓	✓	✓	✓
MAT 234: Calculus II	4	##MA 1022: Calculus II	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PHY 105: General Physics I: Newtonian Mechanics	4	PH 1110: General Physics-Mechanics	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BIO 107: Biology II: Introduction to Cells and Molecules	4	BB 1001: Introduction to Biology	1/3	---	---	✓	✓	✓	✓	✓	---	✓	---
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ERG 211: Introduction to Materials Science	3	ES 2001: Introduction to Material Science	1/3	✓	---	✓	✓	✓	✓	✓	✓	✓	✓
ERG 221: Statics	3	ES 2501: Introduction to Static Systems	1/3	---	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAT 235: Calculus III	4	##MA 1024: Calculus IV	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAT 237: Probability & Statistics for Engineers and Scientists	3	MA 2611: Applied Statistics I	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PHY 107: General Physics II: Electricity & Magnetism	4	PH 1120: General Physics-Electricity and Magnetism	1/3	✓	✓	✓	✓	✓	---	✓	✓	✓	✓
ERG 223: Thermodynamics	3	ES 3001: Introduction to Thermodynamics	1/3	---	✓	---	✓	✓	✓	✓	✓	✓	✓
ERG 225: Strength of Materials	3	ES 2502: Stress Analysis -or- AE 2410: Intro to Aerospace Structures	1/3	✓	✓	---	✓	✓	✓	✓	---	✓	✓
MAT 238: Differential Equations	3	MA 2051: Ordinary Differential Equations	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAT 243: Linear Algebra	3	MA 2071: Matrices And Linear Algebra I	1/3	✓	✓	---	✓	✓	✓	✓	✓	✓	✓
PHY 207: General Physics III: Optics & Modern Physics	4	PH 1130: Modern Physics	1/3	---	---	---	---	---	---	✓	---	---	✓
<i>§CH 123 and CH 124 together are equivalent to CH 1010, CH 1020, and CH 1030</i>				---	---	✓	---	---	---	---	---	---	---
<i>##MAT 233, MAT 234, and MAT 235 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024</i>				✓	✓	✓	✓	---	✓	✓	✓	✓	✓

## Engineering - Transfer at QCC (Fall 2025 onward)

to 'Aerospace', 'Architectural', 'Chemical', 'Civil', 'Electrical & Computer', 'Environmental', 'Mechanical', 'Robotics', or 'Industrial' Engineering or Physics at WPI

QCC Course	Credits	WPI Course	Units	AE	AREN	CHE	CE	ECE	ENV	ME	RBE	IE	PHY
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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ERG 101: Engineering Design and Graphics Using CAD	3	EL 1XXX: General Elective 1000 Level	1/3	✓	---	---	---	---	---	✓	---	---	✓
MAT 233: Calculus I	4	##MA 1021: Calculus I	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Social Science Elective	3	See ECO, PSY, or SOC in Social Science Electives Table	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CHM 124: Principles of Chemistry for Engineers II	4	*CH1030: Kinetics, Equilibrium and Thermodynamics	1/3	✓	---	✓	✓	✓	✓	✓	✓	✓	✓
ENG 102: Composition II	3	EN 1251: Introduction To Literature	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAT 234: Calculus II	4	##MA 1022: Calculus II	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PHY 105: General Physics I: Newtonian Mechanics	4	PH 1110: General Physics-Mechanics	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ERG 211: Introduction to Materials Science	3	ES 2001: Introduction to Material Science	1/3	✓	---	✓	✓	✓	✓	✓	✓	✓	✓
ERG 221: Statics	3	ES 2501: Introduction to Static Systems	1/3	---	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAT 235: Calculus III	4	##MA 1024: Calculus IV	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PHY 107: General Physics II: Electricity & Magnetism	4	PH 1120: General Physics-Electricity and Magnetism	1/3	✓	✓	✓	✓	✓	---	✓	✓	✓	✓
ERG 223: Thermodynamics	3	ES 3001: Introduction to Thermodynamics	1/3	---	✓	---	✓	✓	✓	✓	✓	✓	✓
ERG 225: Strength of Materials	3	ES 2502: Stress Analysis -or- AE 2410: Intro to Aerospace Structures	1/3	✓	✓	---	✓	✓	✓	✓	---	✓	✓
ERG 280: Engineering Computation and Modeling	3	ME 2312: Introduction to Computational Solutions	1/3	✓	---	✓	✓	✓	✓	✓	✓	✓	✓
MAT 238: Differential Equations	3	MA 2051: Ordinary Differential Equations	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Humanities Elective	3	See Humanities Electives Table	1/3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
§CH 123 and CH 124 together are equivalent to CH 1010, CH 1020, and CH 1030				---	---	✓	✓	---	✓	✓	---	---	✓
##MAT 233, MAT 234, and MAT 235 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024				✓	✓	✓	✓	---	✓	✓	✓	✓	✓

## QCC Social Science Electives with WPI Course Equivalencies

QCC Course	Credits	WPI Course	Units	WPI Notes
ECO 215: Principles Of Macroeconomics	3	ECON 1120: Introductory Macroeconomics	1/3	Social Science Requirement
ECO 216: Principles Of Microeconomics	3	ECON 1110: Introductory Microeconomics	1/3	Social Science Requirement
PSY 101: Introduction To Psychology	3	PSY 1400: Introduction To Psychological Science	1/3	Social Science Requirement
PSY 118: Psychology Of Interpersonal Relations	3	PSY 1XXX: Psychology 1000 Level Elective	1/3	Social Science Requirement
PSY 262: Abnormal Psychology	3	PSY 1412: Mental Health	1/3	Social Science Requirement
SOC 101: Introductory Sociology (Principles)	3	SOC 1202: Introduction To Sociology And Cultural Diversity	1/3	Social Science Requirement
SOC 111: Social Problems & Social Change	3	SOC 1202: Introduction To Sociology And Cultural Diversity	1/3	Social Science Requirement
SOC 221: The Family	3	SS 1XXX: Social Science 1000 Level Elective	1/3	Social Science Requirement
HST 104: World History I: Beginning To 1500	3	HI 1341: Introduction To Global History	1/3	Humanities Requirement
HST 105: World History II: 1500 To World War I	3	HI 1XXX: History 1000 Level Elective	1/3	Humanities Requirement
HST 106: World History III: World War I To Present	3	HI 1313: The Us And The World	1/3	Humanities Requirement
HST 115: U.S. History: Beginnings To 1865	3	HI 1314: Introduction To Early American History	1/3	Humanities Requirement
HST 116: U.S. History: 1865 To Present	3	HI 2314: American History, 1877-1920	1/3	Humanities Requirement

*If you take a course that is noted as WPI Humanities, this can go as a humanities course at WPI and may complete the six course humanities requirement at WPI. If you take a course that is noted as WPI Social Science, this will go as a social science course at WPI.*

## QCC Humanities Electives with WPI Course Equivalencies

QCC Course	Credits	WPI Course	Units
ART 101: Art Appreciation	3	AR 1100: Essentials Of Art	1/3
ART 111: A History Of Art I	3	AR 1111: Introduction To Art History	1/3
ART 131: Introduction To Drawing I	3	AR 1100: Essentials Of Art	1/3
ART 132: Introduction To Drawing II	3	AR 2202: Figure Drawing	1/3
ART 141: Photographing People	3	AR 1XXX: 1000 Level Elective	1/3
ENG 100: Introduction To English Composition	3	HU 1XXX: Humanities 1000 Level Elective	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
ENG 200: Children's Literature	3	HU 1XXX: 1000 Level Elective	1/3
ENG 202: Creative Writing	3	WR 1010: Elements Of Writing	1/3
ENG 204: Writing Fiction	3	WR 1020: Introduction To Rhetoric	1/3
ENG 205: Technical And Workplace Writing	3	WR 3210: Technical Writing	1/3
ENG 209: Creative Nonfiction	3	EN 2219: Creative Writing	1/3
ESL 103: English As A Second Language: Writing I	3	WR 1010: Elements Of Writing	1/3
ESL 104: English As A Second Language: Writing II	3	HU 1XXX: Humanities 1000 Level Elective	1/3
ESL 105: English As A Second Language: Writing III	3	HU 1XXX: Humanities 1000 Level Elective	1/3
HUM 101: Critical Thinking And Problem Solving	3	PY 1731: Introduction To Philosophy And Religion	1/3
HUM 105: Introduction To Humanities	3	HU 1XXX: Humanities And Arts Elective	1/3
HUM 142: Internet Communications	3	WR 1020: Introduction To Rhetoric	1/3
HUM 211: The Sixties In America	3	HI 2315: The Shaping Of Post-1920 America	1/3
HUM 234: Mathematics And Science In The Humanities	3	HI 1330: Introduction To The History Of Science And Technology	1/3
IMD 114: Digital Design Concepts I	3	AR 1101: Digital Imaging and Computer Art	1/3
IMD 115: Digital Design Concepts II	3	AR 1101: Digital Imaging and Computer Art	1/3
IMD 263: Digital and Video Fundamentals	3	AR 2401: Video Production	1/3
IMD 287: Graphic Design Processes Portfolio	4	AR 2301: Graphic Design	1/3
IMG 100: Drawing the Human Form	3	AR 2202: Figure Drawing	1/3
IDS 200: Honors Colloquium: Special Topics	3	WR 3112: Rhetorical Theory	1/3
PHI 102: Introduction To Philosophy	3	RE 1731: Introduction To Philosophy And Religion	1/3
PHI 131: Introduction To Ethics	3	PY 2731: Ethics	1/3
SPH 101: Speech Communication Skills	3	HU 1XXX: Humanities 1000 Level Elective	1/3

### QCC Creative Arts Electives with WPI Course Equivalencies

QCC Course	Credits	WPI Course	Units
ART 101: Art Appreciation	3	AR 1100: Essentials of Art	1/3
ART 111: A History of Art I	3	AR 1111 Introduction to Art History	1/3
ART 131: Introduction to Drawing I	3	AR 1100: Essentials of Art	1/3
ART 132: Introduction to Drawing II	3	AR 2202: Figure Drawing	1/3
ART 141: Photographing People	3	AR 1XXX: Art 1000 Level Elective	1/3
ENG 202: Creative Writing	3	WR 1010: Elements of Writing	1/3

### QCC Literature, Philosophy, and Language Electives with WPI Course Equivalencies

QCC Course	Credits	WPI Course	Units
HUM 101: Critical Thinking and Problem Solving	3	PY 1731: Introduction to Philosophy and Religion	1/3
HUM 105: Introduction to Humanities	3	HU 1XXX: Humanities and Arts 1000 Level Elective	1/3
HUM 142: Internet Communication	3	WR 1020 INTRODUCTION TO RHETORIC	1/3
HUM 211: The Sixties in America	3	HU 1411: Introduction to American Studies	1/3
HUM 234: Mathematics and Sciences in Humanities	3	HU 2501: STEM-inism	1/3
ENG 200: Children's Literature	3	HU 1XXX: Humanities and Arts 1000 Level Elective	1/3
PHI 102: Introduction to Philosophy	3	PY 1731: Introduction to Philosophy and Religion	1/3

### QCC US or World History Survey Electives with WPI Course Equivalencies

Quinsigamond Community College course	Credits	WPI equivalent	Units
HST 104: World History I: Beginning to 1500	3	HI 1341: Introduction to Global History	1/3
HST 105: World History II: 1500 to World War I	3	HI 1XXX: History 1000 Level Elective	1/3
HST 106: World History III: World War I to Present	3	HI 1313: The US and the World	1/3
HST 115 U.S. History: Beginning to 1865	3	HI 1314: Introduction to Early American History	1/3
HST 116: U.S. History: 1865 to Present	3	HI 2314: American History, 1877 - 1920	1/3

### QCC Multiple Perspectives with WPI Course Equivalencies

QCC Course	Credits	WPI Course	Units	WPI Notes
HST 104: World History I: Beginning to 1500	3	HI 1341: Introduction to Global History	1/3	Humanities
HST 105: World History II: 1500 to World War I	3	HI 1XXX: History 1000 Level Elective	1/3	Humanities
HST 106: World History III: World War I to Present	3	HI 1313: The US and the World	1/3	Humanities
HUM 211: The Sixties in America	3	HU 1411: Introduction to American Studies	1/3	Humanities
SOC 101: Introductory Sociology (Principles)	3	SOC 1202: Introduction To Sociology And Cultural Diversity	1/3	Social Science
SOC 221: The Family	3	SS 1XXX: Social Science 1000 Level Elective	1/3	Social Science

*Majors with multiple perspectives requirement: if you take a course that is noted as WPI Humanities, this can go as a humanities course at WPI and may complete the six course humanities requirement at WPI. If you take a course that is noted as WPI Social Science, this will go as a social science course at WPI.*

### QCC Social Science Foundations with WPI Course Equivalencies

QCC Course	Credits	WPI Course	Units
ECO 215: Principles Of Macroeconomics	3	ECON 1120: Introductory Macroeconomics	1/3
ECO 216: Principles Of Microeconomics	3	ECON 1110: Introductory Microeconomics	1/3
PSY 101: Introduction To Psychology	3	PSY 1400: Introduction To Psychological Science	1/3
SOC 101: Introductory Sociology (Principles)	3	SOC 1202: Introduction To Sociology And Cultural Diversity	1/3

## QCC Lab Science Electives with WPI Course Equivalencies

QCC Course	Credits	WPI Course	Units
CHM 105: General Chemistry I	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3
CHM 106: General Chemistry II	4	CH 1020: Chemical Reactions	1/3
CHM 105: General Chemistry I	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3
CHM 106: General Chemistry II	4	CH 1020: Chemical Reactions	1/3
		CH 1030: Kinetics, Equilibrium and Thermodynamics	1/3
CHM 123: Principles of Chemistry For Engineers I	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3
CHM 124: Principles of Chemistry For Engineers II	4	CH 1030: Kinetics, Equilibrium and Thermodynamics	1/3
CHM 123: General Chemistry I	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3
CHM 124: General Chemistry II	4	CH 1020: Chemical Reactions	1/3
		CH 1030: Kinetics, Equilibrium and Thermodynamics	1/3
CHM 201: Organic Chemistry I	4	CH 2310: Organic Chemistry I	1/3
CHM 202: Organic Chemistry II	4	CH 2320: Organic Chemistry II	1/3
CHM 201: Organic Chemistry I	4	CH 2310: Organic Chemistry I	1/3
CHM 202: Organic Chemistry II	4	CH 2320: Organic Chemistry II	1/3
		CH 2660: Organic Chemistry Synthesis and Analysis Lab	1/3
BIO 100: Principles of Human Biology	4	BB 1004: Human Biology	1/3
BIO 101: General Biology: Core Concepts	4	BB 1XXX: Biology 1000 Level Elective	1/3
BIO 104: Introduction To Plant Biology	4	BB 2030: Plant Diversity	1/3
BIO 106: Biology I: Introduction To Organismal Diversity	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3
BIO 107: Principles of Biology I	4	BB 1001: Introduction To Biology	1/3
BIO 108: Principles of Biology II	4	BB 1045: Biodiversity	1/3
BIO 231: General Microbiology	4	BB 2003: Fundamentals of Microbiology	1/3
BIO 259: Cell Biology	4	BB 2550: Cell Biology	1/3
BIO 260: Molecular Biology	4	BB 2950: Molecular Biology	1/3
BIO 262: Principles of Genetics	4	BB 2920: Genetics	1/3
PHY 101: Physics I	4	PH 1XXX: Physics 1000 Level Elective	1/3
PHY 102: Physics II	4	PH 1XXX: Physics 1000 Level Elective	1/3
PHY 105: General Physics I: Newtonian Mechanics	4	PH 1110: General Physics—Mechanics	1/3
PHY 106: General Physics II	4	PH 1XXX: Physics 1000 Level Elective	1/3
PHY 107: General Physics II: Electricity & Magnetism	4	PH 1120: General Physics—Electricity and Magnetism	1/3
PHY 205: General Physics III	4	PH 1120: General Physics—Electricity and Magnetism	1/3
PHY 207: General Physics III: Optics & Modern Physics	4	PH 1130: Modern Physics	1/3

<b>QCC Course</b>	<b>Credits</b>	<b>WPI Course</b>	<b>Units</b>
SCI 109: Environmental Science: Biological Topics	4	ENV 1XXX: Environmental Science 1000 Level Elective	1/3
SCI 105: Integrated Science: Earth and Space	4	EL 1XXX: General Elective 1000 Level	1/3
SCI 106: Integrated Science: The Living World	4	EL 1XXX: General Elective 1000 Level	1/3
SCI 140: Astronomy I: Close To Home	4	PH 1XXX: Physics 1000 Level Elective	1/3