

Transfer Pathways for Select Raritan Valley Community College Course 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, 2026, 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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Useful notes on how to use this guide and other resources

Each RVCC 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

** 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>

Suggestions for **humanities courses**: The humanities requirement at WPI is three courses in a depth area (courses of thematically related work), one course outside of the depth area, one additional course, before completing the Inquiry Seminar or Practicum in the same depth area. Your depth area should include at least one course at the WPI 2000 level. At RVCC, most majors require at least two humanities courses, and you can start taking those to work towards fulfilling your depth at WPI. History and Philosophy have courses that transfer to WPI at the 2000 level (e.g., HIST 201, HIST 202, HIST 239, HIST 250, PHIL 114, PHIL 210).

Biological Sciences, Biology at RVCC to 'Biology and Biotechnology' at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI BBT
SCIE 105: Foundations of Science Success	1	No WPI Equivalency	---	---
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓
MATH 112: Precalculus I	3	No WPI Equivalency	---	---
BIOL 101: General Biology I	4	BB 1101: Foundations of Cellular and Molecular Biotechnology	1/3	✓
CHEM 103: General Chemistry I	4	§CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a
MATH 113: Precalculus II	3	No WPI Equivalency	---	---
BIOL 102: General Biology II	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3	✓
CHEM 104: General Chemistry II	4	§CH 1020: Chemical Reactions	1/3	✓
MATH 151: Calculus I	4	MA 1021: Calculus I	1/3	✓
CHEM 211: Organic Chemistry I	5	CH 2310: Organic Chemistry I	1/3	✓
BIOL 2XX: 200-level Biology Elective (rec: BIOL 221, BIOL 231, BIOL 242, or BIOL 245)	4	See Biology 200-level Elective Table	1/3	✓
Humanities	3	See General Education - Humanities Tables	1/3	✓
CHEM 212: Organic Chemistry II	5	CH 2320: Organic Chemistry II	1/3	✓
200-level Biology Elective	4	See Biology 200-level Elective Table	1/3	✓
Social Science	3	See General Education – Social Science Table	1/3	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓
§CHEM 103 and 104 together are equivalent to CH 1010, CH 1020, and CH 1030				✓

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

Biological Sciences, Pre-Med & Pre-Pharm at RVCC to 'Biology and Biotechnology' at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI BBT
SCIE 105: Foundations of Science Success	1	No WPI Equivalency	---	---
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓
MATH 112: Precalculus I	3	No WPI Equivalency	---	---
BIOL 101: General Biology I	4	BB 1101: Foundations of Cellular and Molecular Biotechnology	1/3	✓
CHEM 103: General Chemistry I	4	\$CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a
MATH 113: Precalculus II	3	No WPI Equivalency	---	---
BIOL 102: General Biology II	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3	✓
CHEM 104: General Chemistry II	4	\$CH 1020: Chemical Reactions	1/3	✓
MATH 151: Calculus I	4	MA 1021: Calculus I	1/3	✓
CHEM 211: Organic Chemistry I	5	CH 2310: Organic Chemistry I	1/3	✓
PHYS 101: General Physics I	4	PH 1XXX: Physics 1000 Level Elective	1/3	
Humanities	3	See General Education - Humanities Tables	1/3	✓
CHEM 212: Organic Chemistry II	5	CH 2320: Organic Chemistry II	1/3	✓
PHYS 102: General Physics II	4	PH 1XXX: Physics 1000 Level Elective	1/3	
PSYC 103: Introduction to Psychology	3	PSY 1400: Introduction to Psychological Science	1/3	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓
\$CHEM 103 and 104 together are equivalent to CH 1010, CH 1020, and CH 1030				✓

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

Biological Sciences, General Science at RVCC to 'Biology and Biotechnology' at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI BBT
SCIE 105: Foundations of Science Success	1	No WPI Equivalency	---	---
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓
MATH 112: Precalculus I	3	No WPI Equivalency	---	---
BIOL 101: General Biology I	4	BB 1101: Foundations of Cellular and Molecular Biotechnology	1/3	✓
CHEM 103: General Chemistry I	4	§CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a
MATH 113: Precalculus II	3	No WPI Equivalency	---	---
BIOL 102: General Biology II	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3	✓
CHEM 104: General Chemistry II	4	§CH 1020: Chemical Reactions	1/3	✓
MATH 151: Calculus I	4	MA 1021: Calculus I	1/3	✓
BIOL 124: Human Anatomy & Physiology I	4	BB 3101: Human Anatomy & Physiology: Movement and Communication	1/3	✓
PHYS 101: General Physics I	4	PH 1XXX: Physics 1000 Level Elective	1/3	
Humanities	3	See General Education - Humanities Tables	1/3	✓
BIOL 125: Human Anatomy & Physiology II	4	BB 3102: Human Anatomy & Physiology: Transport and Maintenance	1/3	✓
PHYS 102: General Physics II	4	PH 1XXX: Physics 1000 Level Elective	1/3	
MATH 110: Statistics I	3	MA 2611: Applied Statistics I	1/3	✓
Social Science	3	See General Education – Social Science Table	1/3	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓
§CHEM 103 and 104 together are equivalent to CH 1010, CH 1020, and CH 1030				✓

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

Biological Sciences, Biotechnologies at RVCC to 'Biology and Biotechnology' at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI BBT
SCIE 105: Foundations of Science Success	1	No WPI Equivalency	---	---
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓
MATH 112: Precalculus I	3	No WPI Equivalency	---	---
BIOL 101: General Biology I	4	BB 1101: Foundations of Cellular and Molecular Biotechnology	1/3	✓
CHEM 103: General Chemistry I	4	§CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a
MATH 113: Precalculus II	3	No WPI Equivalency	---	---
BIOL 102: General Biology II	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3	✓
CHEM 104: General Chemistry II	4	§CH 1020: Chemical Reactions	1/3	✓
MATH 151: Calculus I	4	#MA 1021: Calculus I	1/3	✓
CHEM 211: Organic Chemistry I	5	CH 2310: Organic Chemistry I	1/3	✓
BIOL 221: Microbiology	4	BB 2002: Microbiology	1/3	✓
BTCP 101: Principles of Biotechnology	1	No WPI Equivalency	---	---
Social Science	3	See General Education – Social Science Table	1/3	✓
CHEM 212: Organic Chemistry II	5	CH 2320: Organic Chemistry II	1/3	✓
BIOL 242: Genetics	4	BB 2920: Genetics	1/3	✓
MATH 152: Calculus II	4	##MA 1023: Calculus III	1/3	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓
§CHEM 103 and 104 together are equivalent to CH 1010, CH 1020, and CH 1030				✓
#MAT 151 and MAT 152 combined are equivalent to MA 1021, MA 1022, and MA 1023				✓

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

200-Level Biology Courses at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
BIOL 221: Microbiology	4	BB 2002: Microbiology	1/3
BIOL 231: Ecology	4	BB 2040: Principles Of Ecology	1/3
BIOL 232: Field Botany	4	BB 1XXX: Biology Elective	1/3
BIOL 242: Genetics	4	BB 2920: Genetics	1/3
BIOL 245: Cellular & Molecular Biology	4	BB 2550: Cell Biology	1/3
BIOL 247: Vertebrate Zoology	4	BB 1XXX: Biology Elective	1/3

It is not recommended to courses that transfer to WPI as electives (e.g., 1XXX or 2XXX)

Chemistry at RVCC to 'Chemistry' or at 'Biochemistry' WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI Chem	WPI Biochem
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓	✓
CHEM 103: General Chemistry I	4	§CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓	✓
SCIE 105: Foundations of Science Success	1	No WPI Equivalency	---	---	---
MATH 112: Precalculus I	3	No WPI Equivalency	---	---	---
Social Science Gen Ed	3	See General Education – Social Science Table	1/3	✓	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a	--- ^a
MATH 113: Precalculus II	3	No WPI Equivalency	---	---	---
CHEM 104: General Chemistry II	4	§CH 1020: Chemical Reactions	1/3	✓	✓
Humanities Gen Ed	3	See General Education - Humanities Tables	1/3	✓	✓
MATH 151: Calculus I	4	#MA 1021: Calculus I	1/3	✓	✓
CHEM 211: Organic Chemistry I	5	CH 2310: Organic Chemistry I	1/3	✓	✓
PHYS 101: General Physics I OR PHYS 150: Analytical Physics I (rec)	4	PH 1XXX: Physics 1000 Level Elective OR PH 1110: General Physics—Mechanics	1/3	✓	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓	✓
MATH 152: Calculus II	4	#MA 1023: Calculus III	1/3	✓	✓
CHEM 212: Organic Chemistry II	5	CH 2320: Organic Chemistry II	1/3	✓	✓
PHYS 102: General Physics II OR PHYS 151: Analytical Physics II (rec)	4	PH 1XXX: Physics 1000 Level Elective OR PH 1120: General Physics—Electricity and Magnetism	1/3	✓	✓
Science Laboratory Elective (rec: BIOL 101 if interested in biochemistry)	4	See General Education – Science Table (rec: BB 1101)	1/3	✓	BB 1101
				✓	✓
				✓	✓

§CHEM 103 and 104 together are equivalent to CH 1010, CH 1020, and CH 1030

#MAT 151 and MAT 152 combined are equivalent to MA 1021, MA 1022, and MA 1023

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

Computer Science at RVCC to 'Computer Science' and 'Bioinformatics and Computational Biology' at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI CS	WPI BCB
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓	✓
MATH 151: Calculus I	4	#MA 1021: Calculus I	1/3	✓	✓
CSIT 105: Foundations of Computer Science	4	CS 1101: Introduction to Program Design	1/3	✓	✓
Social Science Gen Ed	3	See General Education – Social Science Table	1/3	✓	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	---a	---a
MATH 152: Calculus II	4	#MA 1023: Calculus III	1/3	✓	✓
CSIT 254: Data Structures	4	CS 2102: Object-oriented Design Concepts	1/3	✓	✓
PHYS 150: Analytical Physics I	4	PH 1110: General Physics—Mechanics	1/3	✓	b
MATH 256: Linear Algebra	4	MA 2071: Matrices and Linear Algebra I	1/3	✓	✓
PHYS 151: Analytical Physics II	4	PH 1120: General Physics—Electricity and Magnetism	1/3	✓	b
Humanities Gen Ed	3	See General Education - Humanities Tables	1/3	✓	✓
Computer or Programming Elective	3	See Computer or Programming Electives Table	1/3	✓	b
MATH 255: Discrete Mathematics	4	MA 2201: Discrete Mathematics	1/3	✓	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓	✓
CSIT 256: Computer Architecture & Assembly Language	4	CS 2011: Introduction to Machine Organization and Assembly Language	1/3	✓	b
Free Elective, rec: MATH 110: Statistics	3	MA 2611: Applied Statistics I	1/3	✓	✓
Free Elective For CS at WPI rec. to take any BIOL, CHEM, or ENGR course For BCB at WPI rec. to take BIOL 101, CHEM 103	3	WPI Evaluation found throughout this document. It is not recommended to take a course that transfer to WPI as an elective (e.g. 1XXX or 2XXX numbering)	1/3	✓	✓
#MAT 151 and MAT 152 combined are equivalent to MA 1021, MA 1022, and MA 1023				✓	✓

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

^b Bioinformatics and Computational Biology has three free electives; only three of these courses will count towards the BCB degree at WPI

Programming Electives at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
CSIT 103: Computer Concepts and Programming	4	NO WPI: Equivalency	1/3
CSIT 105: Foundations of Computer Science	4	CS 1101: Introduction to Program Design	1/3
CSIT 107: Introduction to Data Science	4	DS 1010: Introduction to Data Science	1/3
CSIT 200: Python Programming	3	CS 1004: Introduction to Programming for Non-majors	1/3
CSIT 210: Data Management	4	DS 2010: Introduction to Data Science II: Statistical Modeling and Analysis	1/3
CSIT 237: UNIX and Linux	3		
CSIT 238: C Programming	3		
CSIT 249: Java	3		
CSIT 254: Data Structures	4	CS 2102: Object-oriented Design Concepts	1/3
CSIT 256: Computer Architecture & Assembly Language	4	CS 2011: Introduction to Machine Organization and Assembly Language	1/3
GDEV 242: Object Oriented Programming	3	CS 1XXX: Computer Science 1000 Level Elective	1/3
GDEV 267: Programming for Game Developers	3	IMGD 2900: Digital Game Design I	1/3
GDEV 290: Advanced Game Design and Development	3	IMGD 1001: The Game Development Process	1/3
IDMX 233: Introduction to PHP	3		
IDMX 244: JavaScript	3		
IDMX 268: Web Page Development II	3		

Computer Science Electives at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
CSIT 132: Systems Analysis & Design	3		
CSIT 211: Systems Development & Implementation	3		
CSIT 217: Operating Systems	3		
CSIT 285: Database Development & Design	3	CS 2XXX: Computer Science 2000 Level Elective	1/3
CSIT 292: Computer Science Cooperative Education I	3		
CSIT 293: Computer Science Cooperative Education II	3		
CSIT 295: Computer Science Cooperative Education III	3		
CSIT 296H: Computer Science Capstone Research Honors	3		
GDEV 106: Fundamentals of Game Design	3	IMGD 1000: Critical Studies of Interactive Media and Games	1/3
IDMX 114: Interactive Multimedia	3		
IDMX 208: Interface Design & Human Computer Interaction	3		
IDMX 222: Content Management Systems	3		
IDMX 225: Web Page Development I	3		
IDMX 232: Internet & Web Architecture	3		
IDMX 291: User Interface Programming	3		
IDMX 297: Interface Design Capstone	3		
NTWK 113: Desktop Computer Hardware & Software	3		
NTWK 119: Networking Essentials	3		

Data Science at RVCC to 'Data Science' at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI Degree
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓
MATH 151: Calculus I	4	#MA 1021: Calculus I	1/3	✓
CSIT 105: Foundations of Computer Science	4	CS 1101: Introduction to Program Design	1/3	✓
Social Science Gen Ed	3	See General Education – Social Science Table	1/3	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	___ ^a
MATH 152: Calculus II	4	#MA 1023: Calculus III	1/3	✓*
CSIT 254: Data Structures	4	CS 2102: Object-oriented Design Concepts	1/3	✓
PHYS 150: Analytical Physics I	4	PH 1110: General Physics—Mechanics	1/3	✓*
MATH 256: Linear Algebra	4	MA 2071: Matrices and Linear Algebra I	1/3	✓
PHYS 151: Analytical Physics II	4	PH 1120: General Physics—Electricity and Magnetism	1/3	✓*
Humanities Gen Ed	3	See General Education - Humanities Tables	1/3	✓
MATH 110: Statistics I	3	MA 2611: Applied Statistics I	1/3	✓
CSIT 107: Introduction to Data Science	4	DS 1010: Introduction to Data Science	1/3	✓
MATH 255: Discrete Mathematics	4	MA 2201: Discrete Mathematics	1/3	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓
MATH 111: Statistics II	3	MA 2612: Applied Statistics II	1/3	✓
CSIT 210: Data Management	4	DS 2010: Introduction to Data Science II: Statistical Modeling and Analysis	1/3	✓
				✓

#MAT 151 and MAT 152 combined are equivalent to MA 1021, MA 1022, and MA 1023

*It is not recommended to take an additional social science course

^a Cannot receive credit for a course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

Environmental Science at RVCC to 'Environmental and Sustainability Studies' at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI ESS
BIOL 101: General Biology I	4	BB 1101: Foundations of Cellular and Molecular Biotechnology	1/3	✓
ENVI 101: Environmental Studies – OR – ENVI 102: Environmental Science and Sustainability	3	ENV1100: Introduction to Environmental Studies – OR - ENV1100: Introduction to Environmental Studies	1/3	✓
CHEM 103: General Chemistry I	4	\$CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
ENVI 105: Foundations for Environmental Success	1	No WPI Equivalency	---	---
MATH 112: Precalculus I	3	No WPI Equivalency	---	---
BIOL 102: General Biology II	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3	✓
CHEM 104: General Chemistry II	4	\$CH 1020: Chemical Reactions	1/3	✓
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓
MATH 113: Precalculus II	3	No WPI Equivalency	---	---
BIOL 231: Ecology	4	BB 2040: Principles Of Ecology	1/3	✓
Environmental Science Elective (3 credit)	3	See Environmental Science Electives Table	1/3	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a
MATH 110: Statistics I	3	MA 2611: Applied Statistics I	1/3	✓
Social Science Gen Ed (rec. ECON 101 or ECON 102)	3	ECON 1120 or ECON 1110	1/3	✓
ENVI 201: Environmental Capstone	1	No WPI Equivalency	---	---
GEOL 157: Introduction to Geology	4	GE 2341: Geology	1/3	✓
Environmental Science Elective (4 credit)	4	See Environmental Science Electives Table	1/3	✓
Humanities Gen Ed	3	See General Education - Humanities Tables	1/3	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓
				✓

^{\$}CHEM 103 and 104 together are equivalent to CH 1010, CH 1020, and CH 1030

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

Environmental Science Electives at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
BIOL 150: Plants, Humans & the Environment	4	BB 2030: Plant Diversity	1/3
BIOL 221: Microbiology	4	BB 2002: Microbiology	1/3
BIOL 232: Field Botany	4	BB 1XXX: Biology Elective	1/3
BIOL 242: Genetics	4	BB 2920: Genetics	1/3
BIOL 247: Vertebrate Zoology	4	BB 1XXX: Biology Elective	1/3
CHEM 211: Organic Chemistry I	5	CH 2310: Organic Chemistry I	1/3
CHEM 212: Organic Chemistry II	5	CH 2320: Organic Chemistry II	1/3
PHYS 101: General Physics I	4	PH 1XXX: Physics 1000 Level Elective	1/3
PHYS 102: General Physics II	4	PH 1XXX: Physics 1000 Level Elective	1/3

It is not recommended to courses that transfer to WPI as electives (e.g., 1XXX or 2XXX)

Mechanical and Aeronautical Engineering at RVCC to 'Mechanical' or 'Aerospace' Engineering at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI ME	WPI AE
ENGR 105: Foundations of Engineering Success	1	No WPI Equivalency	---	---	---
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓	✓
CHEM 103: General Chemistry I	4	\$CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓	✓
MATH 151: Calculus I	4	##MA 1021: Calculus I	1/3	✓	✓
Humanities Gen Ed Elective	3	See General Education - Humanities Tables	1/3	✓	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a	--- ^a
MATH 152: Calculus II	4	##MA 1023: Calculus III	1/3	✓	✓
PHYS 150: Analytical Physics I	4	PH 1110: General Physics—Mechanics	1/3	✓	✓
CHEM 104: General Chemistry II	4	\$CH 1020: Chemical Reactions	1/3	✓	b
MATH 251: Calculus III	4	##MA 1024: Calculus IV	1/3	✓	✓
PHYS 151: Analytical Physics II	4	PH 1120: General Physics—Electricity and Magnetism	1/3	✓	✓
ENGR 108: Introduction to Computing for Engineers & Scientists	3	BME 1004: Introduction to Programming in MATLAB	1/3	✓	b
ECON 102: Microeconomics	3	ECON 1110: Introductory Microeconomics	1/3	✓	✓
ENGR 132: Engineering Mechanics I (Statics)	3	ES 2501: Introduction to Static Systems	1/3	✓	b
MATH 254: Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓	✓
ENGR 133: Engineering Mechanics II (Dynamics)	3	ES 2503: Introduction to Dynamic Systems	1/3	✓	b
PHYS 250: Analytical Physics III	4	PH 1140: Oscillations and Waves	1/3	✓	b
ENGR 240: Introduction to Mechanics of Materials	3	ES 2502: Stress Analysis	1/3	✓	b
\$CHEM 103 and 104 together are equivalent to CH 1010, CH 1020, and CH 1030				✓	b
##MAT 151, MAT 152, and MAT 251 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024				✓	✓

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

^b Aerospace engineering has three free electives; only three of these courses will count towards the AE degree at WPI

Biomedical Engineering at RVCC to 'Biomedical Engineering' at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI BME
ENGR 105: Foundations of Engineering Success	1	No WPI Equivalency	---	---
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓
CHEM 103: General Chemistry I	4	\$CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
MATH 151: Calculus I	4	##MA 1021: Calculus I	1/3	✓
Humanities Gen Ed Elective	3	See General Education - Humanities Tables	1/3	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a
MATH 152: Calculus II	4	##MA 1023: Calculus III	1/3	✓
PHYS 150: Analytical Physics I	4	PH 1110: General Physics—Mechanics	1/3	✓
CHEM 104: General Chemistry II	4	\$CH 1020: Chemical Reactions	1/3	✓
MATH 251: Calculus III	4	##MA 1024: Calculus IV	1/3	✓
PHYS 151: Analytical Physics II	4	PH 1120: General Physics—Electricity and Magnetism	1/3	✓
ENGR 108: Introduction to Computing for Engineers & Scientists	3	BME 1004: Introduction to Programming in MATLAB	1/3	✓
ECON 102: Microeconomics	3	ECON 1110: Introductory Microeconomics	1/3	✓
BIOL 101: General Biology I	4	BB 1101: Foundations of Cellular and Molecular Biotechnology	1/3	✓
MATH 254: Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓
ENGR 132: Engineering Mechanics I (Statics)	3	ES 2501: Introduction to Static Systems	1/3	✓
PHYS 250: Analytical Physics III	4	PH 1140: Oscillations and Waves	1/3	b
BIOL 102: General Biology II	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3	✓
\$CHEM 103 and 104 together are equivalent to CH 1010, CH 1020, and CH 1030				b
##MAT 151, MAT 152, and MAT 251 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024				✓

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

^b Biomedical engineering has one free elective; only one of these courses will count towards the BME degree at WPI

Chemical Engineering at RVCC to 'Chemical Engineering' at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI ChE
ENGR 105: Foundations of Engineering Success	1	No WPI Equivalency	---	---
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓
CHEM 103: General Chemistry I	4	\$CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
MATH 151: Calculus I	4	##MA 1021: Calculus I	1/3	✓
Humanities Gen Ed Elective	3	See General Education - Humanities Tables	1/3	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a
MATH 152: Calculus II	4	##MA 1023: Calculus III	1/3	✓
PHYS 150: Analytical Physics I	4	PH 1110: General Physics—Mechanics	1/3	✓
CHEM 104: General Chemistry II	4	\$CH 1020: Chemical Reactions	1/3	✓
MATH 251: Calculus III	4	##MA 1024: Calculus IV	1/3	✓
PHYS 151: Analytical Physics II	4	PH 1120: General Physics—Electricity and Magnetism	1/3	✓
ENGR 108: Introduction to Computing for Engineers & Scientists	3	BME 1004: Introduction to Programming in MATLAB	1/3	---
ECON 102: Microeconomics	3	ECON 1110: Introductory Microeconomics	1/3	✓
CHEM 211: Organic Chemistry I	5	CH 2310: Organic Chemistry I	1/3	✓
MATH 254: Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓
ENGR 132: Engineering Mechanics I (Statics)	3	ES 2501: Introduction to Static Systems	1/3	✓
CHEM 212: Organic Chemistry II	5	CH 2320: Organic Chemistry II	1/3	✓
\$CHEM 103 and 104 together are equivalent to CH 1010, CH 1020, and CH 1030				✓
##MAT 151, MAT 152, and MAT 251 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024				✓

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

Civil/Environmental/Packaging at RVCC to 'Civil' or 'Environmental' Engineering at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI CE	WPI EVE
ENGR 105: Foundations of Engineering Success	1	No WPI Equivalency	---	---	
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓	✓
CHEM 103: General Chemistry I	4	§CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓	
MATH 151: Calculus I	4	##MA 1021: Calculus I	1/3	✓	✓
Humanities Gen Ed Elective	3	See General Education - Humanities Tables	1/3	✓	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a	--- ^a
MATH 152: Calculus II	4	##MA 1023: Calculus III	1/3	✓	✓
PHYS 150: Analytical Physics I	4	PH 1110: General Physics—Mechanics	1/3	✓	✓
CHEM 104: General Chemistry II	4	§CH 1020: Chemical Reactions	1/3	✓	---
MATH 251: Calculus III	4	##MA 1024: Calculus IV	1/3	✓	✓
PHYS 151: Analytical Physics II	4	PH 1120: General Physics—Electricity and Magnetism	1/3	✓	✓
ENGR 108: Introduction to Computing for Engineers & Scientists	3	BME 1004: Introduction to Programming in MATLAB	1/3	✓	---
ECON 102: Microeconomics	3	ECON 1110: Introductory Microeconomics	1/3	✓	✓
ENGR 132: Engineering Mechanics I (Statics)	3	ES 2501: Introduction to Static Systems	1/3	✓	---
MATH 254: Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓	✓
ENGR 133: Engineering Mechanics II (Dynamics)	3	ES 2503: Introduction to Dynamic Systems	1/3	✓	---
ENGR 240: Introduction to Mechanics of Materials	3	ES 2502: Stress Analysis	1/3	✓	✓
§CHEM 103 and 104 together are equivalent to CH 1010, CH 1020, and CH 1030				✓	---
##MAT 151, MAT 152, and MAT 251 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024				✓	✓

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

Industrial Engineering at RVCC to 'Industrial Engineering' at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI Degree
ENGR 105: Foundations of Engineering Success	1	No WPI Equivalency	---	---
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓
CHEM 103: General Chemistry I	4	\$CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
MATH 151: Calculus I	4	##MA 1021: Calculus I	1/3	✓
Humanities Gen Ed Elective	3	See General Education - Humanities Tables	1/3	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a
MATH 152: Calculus II	4	##MA 1023: Calculus III	1/3	✓
PHYS 150: Analytical Physics I	4	PH 1110: General Physics—Mechanics	1/3	✓
CHEM 104: General Chemistry II	4	\$CH 1020: Chemical Reactions	1/3	✓
MATH 251: Calculus III	4	##MA 1024: Calculus IV	1/3	✓
PHYS 151: Analytical Physics II	4	PH 1120: General Physics—Electricity and Magnetism	1/3	✓
ENGR 108: Introduction to Computing for Engineers & Scientists	3	BME 1004: Introduction to Programming in MATLAB	1/3	✓
ECON 102: Microeconomics	3	ECON 1110: Introductory Microeconomics	1/3	✓
ENGR 132: Engineering Mechanics I (Statics)	3	ES 2501: Introduction to Static Systems	1/3	✓
MATH 254: Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓
ENGR 133: Engineering Mechanics II (Dynamics)	3	ES 2503: Introduction to Dynamic Systems	1/3	✓
ENGR 111: Introduction to Circuit Analysis	4	ECE 2010: Introduction to Electrical and Computer Engineering	1/3	✓
\$CHEM 103 and 104 together are equivalent to CH 1010, CH 1020, and CH 1030				✓
##MAT 151, MAT 152, and MAT 251 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024				✓

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

Electrical and Computer Engineering at RVCC to 'Electrical and Computer Engineering' at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI ECE
ENGR 105: Foundations of Engineering Success	1	No WPI Equivalency	---	---
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓
CHEM 103: General Chemistry I	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3	✓
MATH 151: Calculus I	4	##MA 1021: Calculus I	1/3	✓
Humanities Gen Ed Elective	3	See General Education - Humanities Tables	1/3	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a
MATH 152: Calculus II	4	##MA 1023: Calculus III	1/3	✓
PHYS 150: Analytical Physics I	4	PH 1110: General Physics—Mechanics	1/3	✓
CSIT 105: Foundations of Computer Science	4	CS 1101: Introduction to Program Design	1/3	✓
MATH 251: Calculus III	4	MA 1024: Calculus IV	1/3	✓
PHYS 151: Analytical Physics II	4	PH 1120: General Physics—Electricity and Magnetism	1/3	✓
ENGR 108: Introduction to Computing for Engineers & Scientists	3	BME 1004: Introduction to Programming in MATLAB	1/3	✓
ECON 102: Microeconomics	3	ECON 1110: Introductory Microeconomics	1/3	✓
MATH 254: Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓
ENGR 111: Introduction to Circuit Analysis	4	ECE 2010: Introduction to Electrical and Computer Engineering	1/3	✓
ENGR 215: Digital Logic Design	4	ECE 2029: Introduction to Digital Circuit Design	1/3	✓
CSIT 254: Data Structures	4	CS 2102: Object-oriented Design Concepts	1/3	✓
##MAT 151, MAT 152, and MAT 251 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024				✓

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

Mathematics at RVCC to 'Mathematical Sciences' at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI Degree
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓
MATH 151: Calculus I	4	MA 1021: Calculus I	1/3	✓
Lab Science Sequence (I)	4	See Lab Science Sequence Table	1/3	✓
Science (Rec) or World Language Elective	3	See Science Elective Table	1/3	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a
MATH 152: Calculus II	4	MA 1023: Calculus III	1/3	✓
Lab Science Sequence (II)	4	See Lab Science Sequence Table	1/3	✓
Science or World Language Elective	3	See General Education - Science Table	1/3	✓
Social Science Gen Ed	3	See General Education – Social Science Table	1/3	✓
MATH 251: Calculus III	4	MA 1024: Calculus IV	1/3	✓
CSIT 105: Foundations of Computer Science	4	CS 1101: Introduction to Program Design	1/3	✓
Humanities Gen Ed	3	See General Education - Humanities Tables	1/3	✓
Free Elective (rec: CSIT 105, CSIT 107, other science course)	3	<i>Equivalency found elsewhere in this document</i>	1/3	✓
Mathematics Elective	4	See Math Elective Table	1/3	✓
Mathematics Elective	4	See Math Elective Table	1/3	✓
Humanities*	3	See General Education - Humanities Tables	1/3	✓
Free Elective (rec: CSIT 105, CSIT 107, other science course)	3	<i>Equivalency found elsewhere in this document</i>	1/3	✓
MATH 124: Mathematical Thinking	1	No WPI Equivalency	---	---
				✓

##MAT 151, MAT 152, and MAT 251 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

Lab Science Sequence Table at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
BIOL 101: General Biology I	4	BB 1101: Foundations of Cellular and Molecular Biotechnology	1/3
BIOL 102: General Biology II	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3
CHEM 103: General Chemistry I	4	\$CH 1010: Chemical Properties, Bonding, and Forces	1/3
CHEM 104: General Chemistry II	4	\$CH 1020: Chemical Reactions	1/3
PHYS 101: General Physics I	4	PH 1XXX: Physics 1000 Level Elective	1/3
PHYS 102: General Physics II	4	PH 1XXX: Physics 1000 Level Elective	1/3
PHYS 150: Analytical Physics I	4	PH 1110: General Physics—Mechanics	1/3
PHYS 151: Analytical Physics II	4	PH 1120: General Physics—Electricity and Magnetism	1/3

\$CHEM 103 and 104 together are equivalent to CH 1010, CH 1020, and CH 1030

It is not recommended to courses that transfer to WPI as electives (e.g., 1XXX or 2XXX)

Mathematics Elective Table at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
MATH 254: Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3
MATH 255: Discrete Mathematics	4	MA 2201: Discrete Mathematics	1/3
MATH 256: Linear Algebra	4	MA 2071: Matrices and Linear Algebra I	1/3

Physics at RVCC to 'Physics' at WPI

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units	WPI Physics
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3	✓
MATH 151: Calculus I	4	##MA 1021: Calculus I	1/3	✓
CHEM 103: General Chemistry I - OR - BIOL 101: General Biology I	4	\$CH 1010: Chemical Properties, Bonding, and Forces - OR - BB 1101: Foundations Of Cellular and Molecular Biotechnology	1/3	✓
Humanities Gen Ed (see C below)	3	See General Education - Humanities Tables	1/3	✓
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3	--- ^a
MATH 152: Calculus II	4	##MA 1023: Calculus III	1/3	✓
PHYS 150: Analytical Physics I	4	PH 1110: General Physics—Mechanics	1/3	✓
CHEM 104: General Chemistry II -OR- BIOL 102: General Biology II	4	\$CH 1020: Chemical Reactions - or - BB 1102: Foundations of Ecology and Environmental Biology	1/3	✓
Social Science Gen Ed	3	See General Education – Social Science Table	1/3	✓
MATH 251: Calculus III	4	##MA 1024: Calculus IV	1/3	✓
PHYS 151: Analytical Physics II	4	PH 1120: General Physics—Electricity and Magnetism	1/3	✓
Humanities* (see C below)	3	See General Education - Humanities Tables	1/3	✓
ENGR 108: Introduction to Computing for Engineers and Scientists	3	BME 1004: Introduction to Programming in MATLAB	1/3	✓
MATH 254: Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3	✓
PHYS 250: Analytical Physics III	4	PH 1140: Oscillations and Waves	1/3	✓
Science or Mathematics Elective	3	See Science and Mathematics Elective Tables	1/3	✓
General Education (rec. humanities; see C below)	3	See General Education – Humanities – History or Philosophy Tables	1/3	✓
\$CHEM 103 and 104 together are equivalent to CH 1010, CH 1020, and CH 1030				Depends
##MAT 151, MAT 152, and MAT 251 combined are equivalent to MA 1021, MA 1022, MA 1023, and MA 1024				✓

*It is not recommended to take an additional social science course

^a Cannot receive credit for the same course twice (ENGL 111 = WR 1010; ENGL 112 = WR 1010)

^c For Humanities in Physics, rec. to take all HIST or all PHIL (e.g., HIST 201, HIST 202, HIST 239, HIST 250 or PHIL101, 114, 210); this will allow you to transfer with three related courses, which is the depth requirement for the WPI Humanities requirement.

General Education – Mathematics at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
MATH 101: Number Systems	3	No WPI Equivalency	1/3
MATH 103C: Quantitative Reasoning	3	No WPI Equivalency	1/3
MATH 106: Technical Math	3	No WPI Equivalency	1/3
MATH 107: Mathematical Reasoning for Educators: Logic and Numeration	3	No WPI Equivalency	1/3
MATH 108: Mathematical Reasoning for Educators: Geometry and Statistics	3	No WPI Equivalency	1/3
MATH 110: Statistics I	3	MA 2611: Applied Statistics I	1/3
MATH 111: Statistics II	3	MA 2612: Applied Statistics II	1/3
MATH 112: Precalculus I	3	No WPI Equivalency	1/3
MATH 113: Precalculus II	3	No WPI Equivalency	1/3
MATH 114H: Precalculus - Honors	4	No WPI Equivalency	1/3
MATH 117H: Statistics - Honors	4	MA 2611: Applied Statistics I	1/3
MATH 151: Calculus I	4	MA 1021: Calculus I	1/3
MATH 152: Calculus II	4	MA 1023: Calculus III	1/3
MATH 251: Calculus III	4	MA 1024: Calculus IV	1/3
MATH 254: Differential Equations	4	MA 2051: Ordinary Differential Equations	1/3
MATH 255: Discrete Mathematics	4	MA 2201: Discrete Mathematics	1/3
MATH 256: Linear Algebra	4	MA 2071: Matrices and Linear Algebra I	1/3

General Education – Science at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
BIOL 101: General Biology I	4	BB 1101: Foundations of Cellular and Molecular Biotechnology	1/3
BIOL 102: General Biology II	4	BB 1102: Foundations of Ecology and Environmental Biology	1/3
BIOL 111: Principles of Biology	4	BB 1001: Introduction to Biology	1/3
BIOL 120: Human Biology	4	BB 1004: Human Biology	1/3
BIOL 124: Human Anatomy & Physiology I	4	BB 3101: Human Anatomy & Physiology: Movement and Communication	1/3
BIOL 125: Human Anatomy & Physiology II	4	BB 3102: Human Anatomy & Physiology: Transport and Maintenance	1/3
BIOL 133: Principles of Microbiology	4	BB 1XXX: Biology Elective	1/3
BIOL 150: Plants, Humans & the Environment	4	BB 2030: Plant Diversity	1/3
BIOL 231: Ecology	4	BB 2040: Principles Of Ecology	1/3
CHEM 103: General Chemistry I	4	CH 1010: Chemical Properties, Bonding, and Forces	1/3
CHEM 104: General Chemistry II	4	CH 1020: Chemical Reactions	1/3
ENVI 101: Environmental Studies	3	ENV1100: Introduction to Environmental Studies	1/3
ENVI 102: Environmental Science and Sustainability	4	ENV1100: Introduction to Environmental Studies	1/3
GEOL 157: Introduction to Geology	4	GE 2341: Geology	1/3
PHYS 101: General Physics I	4	PH 1XXX: Physics 1000 Level Elective	1/3
PHYS 102: General Physics II	4	PH 1XXX: Physics 1000 Level Elective	1/3
PHYS 150: Analytical Physics I	4	PH 1110: General Physics—Mechanics	1/3
PHYS 151: Analytical Physics II	4	PH 1120: General Physics—Electricity and Magnetism	1/3
PHYS 250: Analytical Physics III	4	PH 1140: Oscillations and Waves	1/3
CSIT 103: Computer Concepts and Programming	4	No WPI Equivalency	---
CSIT 105: Foundations of Computer Science	4	CS 1101: Introduction to Program Design	1/3

It is not recommended to courses that transfer to WPI as electives (e.g., 1XXX or 2XXX)

General Education – Social Science at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
ECON 101: Macroeconomics	3	ECON 1120: Introductory Macroeconomics	1/3
ECON 102: Microeconomics	3	ECON 1110: Introductory Microeconomics	1/3
PSYC 103: Introduction to Psychology	3	PSY 1400: Introduction to Psychological Science	1/3
SOCI 101: Introduction to Sociology	3	SOC 1202: Introduction to Sociology and Cultural Diversity	1/3

General Education – English Composition at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
ENGL 111: English Composition I	3	WR 1010: Elements Of Writing	1/3
ENGL 112: English Composition II	3	WR 1010: Elements Of Writing	1/3

General Education – Humanities – Appreciation of the Arts at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
ARTH 101: Art Appreciation	3	AR 1100: Essentials Of Art	1/3
FILM 101: Art of the Movies: Film Appreciation and Analysis	3	HU 2251: Introduction to Film Studies	1/3
FILM 122: Survey of American Film	3	HU 3570: Topics in Film Studies	1/3
MUSC 102: Music Appreciation	3	MU 1000: Music and Its Makers	1/3
MUSC 103: Rock N' Roll History and Culture	3	MU 2020: History of American Popular Music	1/3
MUSC 105: Survey of Jazz Music	3	MU 3110: Jazz Theory	1/3
MUSC 107: Introduction to World Music	3	MU 3230: World Music	1/3
THEA 205: American Musical Theatre	3	HU 2XXX: Humanities 2000 Level Elective	1/3
THEA 103: Introduction to Theatre	3	TH 1221: Introduction to Theatre on Page and Stage	1/3
THEA 108: History of Theatre: Modern	3	HU 1XXX: Humanities and Arts Elective	1/3

It is not recommended to courses that transfer to WPI as electives (e.g., 1XXX or 2XXX)

General Education – Humanities – English Literature at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
ENGL 201: Introduction to Literature	3	EN 1251: Introduction to Literature	1/3
ENGL 224: The Short Story	3	EN 1XXX: English 1000 Level Elective	1/3
ENGL 226: Introduction to Poetry	3	EN 2XXX: English 2000 Level Elective	1/3
ENGL 227: Science Fiction	3	EN 2242: Population Fiction: Reading in Installments	1/3

It is not recommended to courses that transfer to WPI as electives (e.g., 1XXX or 2XXX)

General Education – Humanities – World Language at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
SPAN 103: Introduction to Spanish Language and Culture I	3	SP 1523: Elementary Spanish I: Building the Basics	1/3
SPAN 104: Introduction to Spanish Language and Culture II	3	SP 1523: Elementary Spanish I: Building the Basics	1/3
SPAN 105: Introduction to Spanish Language and Culture II with Review	4	SP 1524: Elementary Spanish II: Developing Your Skills	1/3
SPAN 201: Intermediate Spanish Language and Culture I	3	SP 2521: Intermediate Spanish I: Expanding Language Proficiency	1/3
SPAN 202: Intermediate Spanish Language and Culture II	3	SP 2522: Intermediate Spanish I: Elevate Your Spanish	1/3
SPAN 224: Spanish Conversation, Composition and Culture I	3	SP 3521: Advanced Spanish I: Exploring Complex Language and Culture	1/3
SPAN 225: Spanish Conversation, Composition and Culture II	3	SP 3522: Advanced Spanish II: Perfecting Proficiency	1/3

General Education – Humanities – History at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
HIST 101: World Civilization I	3	HI 1XXX: History 1000 Level Elective	1/3
HIST 102: World Civilization II	3	HI 1XXX: History 1000 Level Elective	1/3
HIST 191: African-American History	3	HU 1400: Introduction to Africana Studies	1/3
HIST 201: US History: Beginnings to 1877	3	HI 2313: American History, 1789-1877	1/3
HIST 202: US History: 1877 to Present	3	HI 2314: American History, 1877-1920	1/3
HIST 239: Modern Latin American History	3	HI 2930: Topics in Latin American History	1/3
HIST 250: History of Women in the United States	3	HI 2900: Topics in Gender and History	1/3

It is not recommended to courses that transfer to WPI as electives (e.g., 1XXX or 2XXX)

General Education – Humanities – Philosophy and Religion at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
PHIL 101: Introduction to Philosophy	3	PY 1731: Introduction to Philosophy and Religion	1/3
PHIL 113: Critical Thinking	3	PY 1731: Introduction to Philosophy and Religion	1/3
PHIL 114: Ethics	3	PY 2731: Ethics	1/3

General Education – Humanities – Global and Cultural Awareness at RVCC with WPI Course Equivalencies

Raritan Valley Community College Course	Credits	Worcester Polytechnic Institute Course Equivalency	Units
ANTH 202: Global Patterns of Racism	3	HI 1XXX: History 1000 Level Elective	1/3
ENGL 207: Global Patterns of Racism	3	HI 1XXX: History 1000 Level Elective	1/3
HIST 204: Global Patterns of Racism	3	HI 1XXX: History 1000 Level Elective	1/3
PHIL 210: Feminist Philosophy	3	PY 3711: Topics in Philosophy	1/3
WGST 110: Introduction to Women and Gender Studies	3	HU 1500: Introduction to Gender, Sexuality & Women's Studies	1/3

It is not recommended to courses that transfer to WPI as electives (e.g., 1XXX or 2XXX)