



STEM Transfer Studies

Program Goals Statement

This program provides students an opportunity to explore the Science, Technology, Engineering and Mathematics (STEM) Transfer programs available at the College. Completion of a STEM program can prepare students to transfer to a wide variety of bachelor's degree fields including: Biology, Biotechnology, Chemistry, Computer Science, Engineering Science, Information Systems, Mathematics and Physics.

Program Information

- Students should take any required developmental courses in their first semester.
- Students have access to outstanding STEM laboratory facilities and learn from faculty involved in state-of-the-art research activities. Courses are constantly evolving to reflect current trends.
- Students should be in a Math course every semester until they have completed their sequence.
- Courses are offered both days and evenings, are delivered via traditional classroom or online, and taking summer courses can reduce fall and spring semester course loads.
- Students should consult applicable Transfer Agreements and/or desired transfer institution to insure the transferability of courses.

After Bristol

- Students are encouraged to select a specific STEM Transfer program, including Computer Science and Information Systems Transfer, Engineering Transfer, Liberal Arts Math and Science Concentration or Life Sciences Biology Concentration, before completing more than 32 credits.
- Recent graduates have transferred to Bridgewater, Brown, Bryant, Northeastern, Rhode Island College, Roger Williams, University of Massachusetts at Amherst and Dartmouth, University of Rhode Island, Wentworth Institute of Technology and Worcester Polytechnic Institute.
- BCC participates in the statewide MassTransfer program and has developed many program-to-program transfer articulation agreements which guarantee admission and credit transfer. For a complete listing of eligible MassTransfer programs and current BCC articulation agreements, visit the Transfer Affairs website at www.BristolCC.edu/transfer

Program: General Studies

Type: Associate in Science

Campus

Campus:

Fall River

Degree Requirements



General Courses

Course #	Title	Credits
CHM 113	Fundamentals of Chemistry I	4
COM 101	Fundamentals of Public Speaking	3
CSS 101	College Success Seminar	1
ENG 101	Composition I: College Writing	3
ENG 102	Composition II: Writing about Literature	3
SOC 101	Principles of Sociology	3
PHL 152	Ethics: Making Ethical Decisions in a Modern World	3

Choose One Historical Perspectives Course

Course #	Title	Credits
HST 113	United States History to 1877	3
HST 114	United States History from 1877	3

Choose Two Mathematics Courses

Course #	Title	Credits
MTH 152	College Algebra	3
MTH 172	Precalculus with Trigonometry	4
MTH 214	Calculus I	4

Choose one Science Course

Course #	Title	Credits
BIO 121	Fundamentals of Biological Science I	4
CHM 114	Fundamentals of Chemistry II	4
PHY 211	General Physics I	4

Choose one Technical Literacy Course

Course #	Title	Credits
CAD 101	Computer Aided Drafting	3
CIS 120	Programming: Logic, Design and Implementation	3
CIS 123	Object-Oriented Concepts	3
CIS 157	Object-Oriented JAVA Programming I	4
EGR 103	Computer Skills for Engineers and Technicians	3

Program Electives



Recommended Course Sequence - Semester 1

Course #	Title	Credits
CHM 113	Fundamentals of Chemistry I	4
COM 101	Fundamentals of Public Speaking	3
CSS 101	College Success Seminar	1
ENG 101	Composition I: College Writing	3
	MTH 152 or MTH 172	3-4

Recommended Course Sequence - Semester 2

Course #	Title	Credits
ENG 102	Composition II: Writing about Literature	3
	HST 113 or HST 114	3
	MTH 172 or MTH 214	4

Recommended Course Sequence - Semester 3

Course #	Title	Credits
PHL 152	Ethics: Making Ethical Decisions in a Modern World	3

Recommended Course Sequence - Semester 4

Total credits:		60
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