



Environmental Science Transfer

Program: Life Sciences

Program Code:

LF_LFES

Academic Area:

Science, Technology, Engineering and Mathematics

Type:

Associate in Science

CIP Code:

03.0104

Program Statement

This program is for students intending to transfer to a 4-year institution to major in Environmental Science, Ecology, Marine Biology, Resource Management or related fields. Students will develop skills and background knowledge necessary to succeed in a Bachelor's degree.

Program Information

- BIO 121 and 122 and CHM 113 and 114 should be taken in the first year if possible to provide the necessary foundation for subsequent science electives.
- Choose program electives in consultation with the program coordinator to align with your career goals and specific 4-year transfer program.

After Bristol

- With an Associates in Science - Life Sciences Environmental Science Transfer degree, students will be able to transfer to a 4-year institution with a solid background in Environmental Science that will allow them to take upper level Biology and Environmental Science classes.
- Bristol 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, current Bristol articulation agreements, and to complete an A2B Program Search, visit the Transfer Services website to review which credits will be transferred and applied to your degree.

Degree Requirements



General Courses

Course #	Title	Credits
CSS 101	College Success Seminar	1
BIO 121	Fundamentals of Biological Science I	4
BIO 122	Fundamentals of Biological Science II	4
CHM 113	Fundamentals of Chemistry I	4
CHM 114	Fundamentals of Chemistry II	4
COM 104	Fundamentals of Public Speaking	3
ENG 101	Composition I: College Writing	3
ENG 102	Composition II: Writing about Literature	3
SCI 112	Principles of Ecology	4

Elective Courses

Course #	Title	Credits
	HST 111, 112 or 113	3
	Mathematics Elective	6-8
	SOC 101, 212 or 252	3
	Multicultural and Social Perspectives Elective	3
	Information Literacy Elective	0-3
	Behavioral and Social Science Electives	6

Program Electives

Choose three of the following:

Course #	Title	Credits
BIO 129	Field Biology	4
BIO 130	The Biology and Behavior of Birds	4
BIO 132	Marine Biology	4
BIO 239	Elements of Microbiology	4
CHM 120	Environmental Chemistry	4
EGR 141	Introduction to Environment	3
EGR 245	Hazardous Waste/Waste Management	4
GLG 101	Introduction to Physical Geology	4
PHY 101	Technical Physics I	4
PHY 102	Technical Physics II	4
SCI 119	Coastal Science	4
SCI 240	Introduction to Oceanography	4



Recommended Course Sequence - Semester 1

Course #	Title	Credits
BIO 121	Fundamentals of Biological Science I	4
CHM 113	Fundamentals of Chemistry I	4
CSS 101	College Success Seminar	1
ENG 101	Composition I: College Writing	3
	HST 111, 112 or 113	3

Recommended Course Sequence - Semester 2

Course #	Title	Credits
BIO 122	Fundamentals of Biological Science II	4
CHM 114	Fundamentals of Chemistry II	4
ENG 102	Composition II: Writing about Literature	3
	Information Literacy Elective	0-3
	Mathematics Elective	6-8

Recommended Course Sequence - Semester 3

Course #	Title	Credits
SCI 112	Principles of Ecology	4
	Environmental Behavioral and Social Science Elective	3
	Multicultural and Social Perspectives Elective	3
	Program Elective	3

Recommended Course Sequence - Semester 4

Course #	Title	Credits
	Environmental Behavioral and Social Science Elective	3
	Program Elective	3
	Program Elective	3
	Program Elective	3
	Total credits:	61-68

Category Descriptions

HST 111, 112 or 113

Credits: 3

Choose one of the following:



Course #	Title	Credits
HST 111	The West and the World I	3
HST 112	The West and the World II	3
HST 113	United States History to 1877	3

Mathematics Elective

Credits: 6-8

Choose two of the following:

Course #	Title	Credits
MTH 119	Fundamental Statistics	3
MTH 152	College Algebra	3
MTH 172	Precalculus with Trigonometry	4
MTH 214	Calculus I	4
MTH 215	Calculus II	4

SOC 101, 212 or 252

Credits: 3

Choose one of the following:

Course #	Title	Credits
SOC 101	Principles of Sociology	3
SOC 212	The Sociology of Social Problems	3
SOC 252	The Sociology of Human Relations	3

Multicultural and Social Perspectives Elective

Credits: 3

Choose one of the following:

Course #	Title	Credits
HST 114	United States History from 1877	3
HST 252	African-American History	3
HST 259	History of North American Indian Peoples	3
HST 265	Immigration and Ethnicity in American History	3
ENG 217	Writings from the Margins of Contemporary American Literature	3
ENG 257	Contemporary African-American Women's Writing	3
ENG 259	Native American Literature	3



Information Literacy Elective

Credits: 0-3

Information Literacy Elective can be waived for students who have successfully completed two online or hybrid courses.

Choose one of the following:

Course #	Title	Credits
CIS 110	Basic Computing Skills	3
CIS 111	Introduction to Business Information Systems	3
EGR 103	Computer Skills for Engineers and Technicians	3

Behavioral and Social Science Electives

Credits: 6

Choose two of the following:

Course #	Title	Credits
SSC 101	Introduction to Geography	3
SSC 217	Technology and Society	3
GVT 111	U.S. Government	3
ECN 111	Principles of Economics-Macro	3
ECN 112	Principles of Economics-Micro	3