


Environmental Sciences & Safety

Associate in Science

 MassBay courses are offered days, evenings, weekends, and online. View the complete list of online courses at www.massbay.edu/uploadedFiles/online.pdf. Check current course availability at www.massbay.edu/courses

DIVISION OF SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

This program focuses on environmental science issues such as air and water testing and analysis, industrial waste treatment, municipal wastewater treatment, and environmental law. In obtaining an understanding of the complex interrelationships that exist at the earth's surface, students learn how to interpret environmental stresses, such as ground and surface water contamination, pesticide, degradation, and solid waste disposal. Students also learn how to apply this knowledge to occupational safety and protection.

Upon successful completion, the Associate in Science Degree in Environmental Sciences & Safety is awarded.

PROGRAM FOOTNOTES

Humanities Electives: Art, Communications, Film, Foreign Language, Humanities, Literature, Music, Oral Communication, Philosophy, Photography, Sign Language, Theater Arts

Math Electives: 100-Level Mathematics or Higher (not MAC)

Social Science Electives: Anthropology, Economics, Geography, Government, History, Law and Society (LA 230), Psychology, Sociology

The program qualifies as an Alternative Transfer Agreement (MassTransfer) with select public institutions in Massachusetts. For more information, visit www.mass.edu/masstransfer.

COURSE	COURSE TITLE	CREDITS
<i>First Year</i>		<i>Semester 1</i>
BI 110	Principles of Biology I w/ Lab	4
CH 110	Principles of Chemistry I w/ Lab	4
EN 101	Freshman English I	3
EV 110	Principles of Environmental Sciences & Safety	4
	Math Elective	3/4
	credits:	18/19
<i>First Year</i>		<i>Semester 2</i>
BI 120	Principles of Biology II w/ Lab	4
CH 120	Principles of Chemistry II w/ Lab	4
CS 100	Computers and Technology	3
EN 102	Freshman English II	3
EV 201	Environmental Health & Safety	4
	credits:	18
<i>Second Year</i>		<i>Semester 1</i>
CT 100	Critical Thinking	3
EV 210	Environmental Microbiology	4
	Humanities Elective	3
	Social Science Elective	3
	credits:	13
<i>Second Year</i>		<i>Semester 2</i>
EV 220	Environmental Organization Issues & Analysis	3
EV 240	Environmental Toxicology	4
EV 242	Environmental Sciences Directed Research Study	4
	Humanities Elective	3
	or	
	Social Science Elective	3
	credits:	14
	Total Credits:	63/64