Environmental Sciences & Safety

Associate in Science

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, Communication, English (EN 103 or higher), 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, Psychology, Sociology

Quantitative skills is a MassBay graduation competency for associate degree programs. Prior to graduation, students must demonstrate this competency by completing a 100-level math course (not MAC); or placing into a 200-level mathematics course.

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

First Year Semester 1 Bl 110 Principles of Biology I w/ Lab 4 CH 110 Principles of Chemistry I w/ Lab 4 EN 101 English Composition I 3 EV 110 Principles of Environmental Sciences & Safety 4 Math Elective 3/4 First Year Semester 2 Bl 120 Principles of Biology II w/ Lab 4 CH 120 Principles of Chemistry II w/ Lab 4 Lab 4 4 CS 100 Computers and Technology 3 EN 102 English Composition II 3 EV 201 Environmental Health & Safety 4 Credits: 18 Second Year Semester 1 CT 100 Critical Thinking 3 EV 210 Environmental Microbiology 4 EV 220 Environmental Organization Issues & Analysis 3 Humanities Elective 3 Second Year Semester 2 EV 240 Environmental Toxicology 4 EV 242 Environmental Sciences Directed Research Study 4 <	COURSE	COURSE TITLE	CREDITS
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Total Credits: 63/64		credits:	11
		Total Credits:	63/64