

PROGRAM CURRICULUM



# General Studies

## Associate in Science

**DIVISION OF SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS**

This program offers students the opportunity to explore a variety of interests and choices while completing a broad background of study through our core science and advanced technology competencies.

Upon successful completion, the Associate in Science Degree in General Studies is awarded.

**PROGRAM FOOTNOTES**

**Laboratory Science Sequence:**

BI 101 General Biology I & BI 102 General Biology II, or  
 BI 110 Principles of Biology I & BI 120 Principles of Biology II, or  
 BI 115 Anatomy and Physiology I & BI 116 Anatomy and Physiology II, or  
 CH 101 College Chemistry I & CH 102 College Chemistry II, or  
 CH 110 Principles of Chemistry I & CH 120 Principles of Chemistry II, or  
 EV 103 Environmental Studies I & EV 104 Environmental Studies II, or  
 PY 101 College Physics I & PY 102 College Physics II, or  
 PY 103 Engineering Physics I & PY 104 Engineering Physics II, or  
 SC 102 Integrated Science I & SC 103 Integrated Science II

**Math Sequence:** MA 200 Calculus I & Math 201 Calculus II

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

**Math/Science Electives:** Astronomy, Biology, Chemistry, Contemporary Nutrition (NS 101) Environmental Science, Integrated Science, Mathematics (not MAC), Meteorology, Physics

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

**Program Electives:** Any college-level courses offered at the College.

Competency in mathematics is a MassBay graduation requirement. Prior to graduation, students must demonstrate competency at 100-level math. This may be accomplished by an appropriate placement test score or completion of a 100-level mathematics course or higher, except mathematics courses with a MAC prefix.



COURSE	COURSE TITLE	CREDITS
<i>First Year Semester 1</i>		
CS 100	Computers and Technology	3
CT 100	Critical Thinking	3
EN 101	Freshman English I	3
PS 150	Career/Life Planning	3
	Laboratory Science Sequence	4
	<b>or</b>	
	Math Sequence	4
	<b>credits:</b>	16
<i>First Year Semester 2</i>		
EN 102	Freshman English II	3
	Humanities Elective	3
	Laboratory Science Sequence	4
	<b>or</b>	
	Math Sequence	4
	Program Elective	3
	Program Elective	3
	Program Elective	3
	<b>credits:</b>	19
<i>Second Year Semester 1</i>		
	Math/Science Elective	3/4
	Social Science Elective	3
	Program Elective	3
	Program Elective	3
	Program Elective	3
	<b>credits:</b>	15/16
<i>Second Year Semester 2</i>		
	Humanities Elective	3
	Social Science Elective	3
	Program Elective	3
	Program Elective	3
	Program Elective	3
	<b>credits:</b>	15
	<b>Total Credits:</b>	<b>65/66</b>