


# Life Sciences

## 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](http://www.massbay.edu/uploadedFiles/online.pdf). Check current course availability at [www.massbay.edu/courses](http://www.massbay.edu/courses)

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

This program provides a solid foundation in biological sciences and liberal arts, which can translate into a number of exciting career opportunities. The program is designed to prepare students for transfer to a four-year bachelor's degree program in biology or pre-med.

Upon successful completion, the Associate in Science Degree in Life Sciences is awarded.

#### PROGRAM FOOTNOTES

**Advanced Lab Science Electives:** BI 123 Fundamentals of Microbiology, BI 210 Molecular Biology, BI 220 Immunology

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

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

This program qualifies as an Alternative Transfer Agreement (MassTransfer) with select public institutions in Massachusetts. For more information, visit [www.mass.edu/masstransfer](http://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
CT 100	Critical Thinking	3
EN 101	Freshman English I	3
MA 104	Pre-Calculus Mathematics	4
	<b>credits:</b>	18
<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
	Social Science Elective	3
	<b>credits:</b>	17
<i>Second Year</i>		<i>Semester 1</i>
BI 115	Anatomy and Physiology I w/ Lab	4
CH 201	Organic Chemistry I w/ Lab	4
PY 101	College Physics I	4
	Humanities Elective	3
	<b>credits:</b>	15
<i>Second Year</i>		<i>Semester 2</i>
BI 116	Anatomy & Physiology II w/ Lab	4
CH 202	Organic Chemistry II w/ Lab	4
PY 102	College Physics II w/ Lab	4
	Humanities Elective	3
	<b>or</b>	
	Social Science Elective	3
	Advanced Laboratory Science Elective	4
	<b>credits:</b>	19
	<b>Total Credits:</b>	<b>69</b>

*Your dreams. Our mission.*