


# General Studies: Lab Animal Care

## 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 teaches students techniques and training required to care for animals used in all aspects of biomedical and biological research. It offers scientific lessons and hands-on experience in the field of Lab Animal Care through academic and research-based study. Courses are taught in our state-of-the-art laboratories, and in off-campus veterinary clinics that further enhance students' experience.

The Massachusetts Society for Medical Research estimates biomedical and biological research to be a \$3.6 billion a year industry. Graduates of this program are prepared to enter this growing field as technicians in Lab Animal Care, supporting scientists and other specialists that use animals in their research facility.

Upon successful completion, the Associate in Science Degree in General Studies with a concentration in Lab Animal Care is awarded.

### PROGRAM FOOTNOTES

**Humanities Electives:** Art, Communications, Film, Foreign Language, Humanities, Music, 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

COURSE	COURSE TITLE	CREDITS
<i>First Year</i>	<i>Semester I</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
MA 105	Intro to Statistics	3
CT 100	Critical Thinking	3
	<b>credits:</b>	<b>17</b>
<i>First Year</i>	<i>Semester II</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>	<b>17</b>
<i>Second Year</i>	<i>Semester I</i>	
EV 215	Lab Animal Science & Care I w/ Lab	4
EV 210	Environmental Microbiology	4
EV 235	Animal Nutrition	3
	Humanities Elective	3
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	<b>or</b>	
	Social Science Elective	3
	<b>credits:</b>	<b>17</b>
<i>Second Year</i>	<i>Semester II</i>	
BI 220	Immunology w/ Lab	4
EV 216	Lab Animal Science & Care II w/ Lab	4
EV 240	Environmental Toxicology	4
EV 242	Environmental Sciences Directed Research Study	4
	<b>credits:</b>	<b>16</b>
	<b>Total Credits:</b>	<b>67</b>