

# Life Science



## Why Life Science?

The Life Science degree provides the foundation for a diversified background in the biological sciences including general biology, botany, ecology, microbiology, physiology, zoology or pre-medical or pre-veterinary sciences. The Life Science degree offers students the first two years of a Bachelor of Science degree with specific academic pathways and transfer opportunities. This degree combines theoretical and practical applications of life science throughout the coursework.

Designed for students who are planning to pursue a four-year degree in a science-related field, the Life Science degree develops a foundation in the biological and chemical sciences. The degree also provides a context in which lessons directly translate to industry standards.

## Program Outcomes

Students who graduate from this program will be able to:

- Apply biological and/or chemical principles practically in both academic and career settings
- Communicate effectively using life science terminology in an appropriate manner, both verbally and written
- Align coursework with four-year degree concentrations for continuing degrees
- Understand and apply the scientific method in research

## Potential Jobs

This degree is applicable to a wide range of employment opportunities in business and industry, hospitals, universities and government positions.

- Biological Technician
- Biotechnology Technician
- Environmental Technician
- Forest or Conservation Technician
- Medical or Clinical Lab Assistant
- Research Assistant

## Potential Salary\*

There is a wide range of jobs in the life science industry. See below for the average annual salary range in NH for a **Biological Technician**.

ENTRY LEVEL	MID-RANGE	EXPERIENCED
\$35,755	\$47,819	\$61,402

*\*New Hampshire Occupational Employment & Wages 2021, published by the NH Economic + Labor Market Information Bureau — Salaries are based on 40 hours of work, not including overtime.*

## Transfer Opportunities

Students in the Life Science degree can successfully transfer to colleges and universities around the country, including the following:

- Boston University
  - Emerson College
  - Granite State College
  - Keene State College
  - Plymouth State University
  - Rivier University
  - Southern NH University
  - UNH-Manchester
  - University of New Hampshire
  - University of Massachusetts
- ...and many more!

Life Science develops a foundation for a career in biological science.

[mccnh.edu](http://mccnh.edu)

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# Degree Requirements

## Life Science Degree

### Degree Program - First Year

First Year	Fall Semester	TH	LAB	CR
FYE100M	MCC Essentials	1	0	1
ENGL110XM or ENGL110M	College Composition I with Corequisite or College Composition I	4	0	4
	Math Elective - <i>choose one:</i> <i>MATH155M, MATH171M, MATH204M,</i> <i>MATH214M</i>	4	0	4
BIOL108M	College Biology I	3	3	4
CHEM115M	General Chemistry I	3	3	4
	<b>Total</b>	<b>15</b>	<b>6</b>	<b>17</b>
First Year	Spring Semester			
BIOL109M	College Biology II	3	3	4
CHEM116M	General Chemistry II	3	3	4
	Math Elective - <i>choose one:</i> <i>MATH171M, MATH204M, MATH214M</i>	4	0	4
ENGL220M	College Composition II	4	0	4
	<b>Total</b>	<b>14</b>	<b>6</b>	<b>16</b>

### Degree Program - Second Year

Second Year	Fall Semester	TH	LAB	CR
BIOL210M	Microbiology	3	3	4
BIOL205M	General Ecology	3	3	4
	Math/Science Elective - <i>choose one:</i> <i>MATH204M, BIOL110M, BIOL120M, PHYS135M,</i> <i>PHYS136M, PHYS210M, PHYS220M</i>	3 or 4	0 or 3	4
	Humanities or Fine Arts Elective	3	0	3
	<b>Total</b>	<b>12/13</b>	<b>6/9</b>	<b>15</b>
Second Year	Spring Semester	TH	LAB	CR
BIOL201M	Principles of Genetics	3	3	4
	Math/Science Elective - <i>choose one:</i> <i>MATH204M, BIOL110M, BIOL120M, PHYS135M,</i> <i>PHYS136M, PHYS210M, PHYS220M</i>	3 or 4	0 or 3	4
	Social Science Elective	3	0	3
	Open Elective	3	0	3
	<b>Total</b>	<b>12/13</b>	<b>3/6</b>	<b>14</b>
<b>Total Credits - 62</b>				

Students must take a minimum of eight (8) credits in 200 level Life Science courses at MCC to meet residency requirements.

All courses and degree requirements are subject to change. For the most current information on MCC programs, [visit mccnh.edu](http://mccnh.edu).

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