



# Liberal Arts and Sciences: Mathematics and Science - Biology

## Program Information

**Degree Type:** AS

**Program Code:** LAMS - BIOL

**Degree Worksheet PDF:**  [2023\\_2024\\_lams-biol.pdf](#) [1]

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LAMS - BIOL

 [2023\\_2024\\_lams-biol.pdf](#) [2]

*This program concentration is being deactivated and as of the Spring 2024 semester there will be no new students admitted to this concentration.*

Microcredential: <http://www.sunyacc.edu/academics/microcredentials> [3]

SUNY Adirondack offers a two-year Liberal Arts and Sciences Associate in Science (AS) degree in Mathematics and Science with a concentration in Biology. This program awards a two-year AS degree and sets a solid base for students to transfer to a four-year institution. *Recommended high school preparation: Biology, chemistry, physics and four years of math.*

Cr.	Course Title	Course C
1-2	FRESHMAN EXPERIENCE	<a href="#">HRD100 H</a>
3	Introduction to College Writing	<a href="#">ENG101</a>
3	Writing II	<a href="#">ENG102, E</a> <a href="#">ENG108, E</a>
4	Introductory Statistics with Probability or Calculus I	<a href="#">MAT127 (P</a>
4	General Biology I	<a href="#">BIO111 (P</a>
4	General Biology II	<a href="#">BIO112 (P</a>
2	HEALTH AND WELLNESS	Any PED a  <a href="#">HED103, H</a>  <a href="#">PED106, P</a>  (Note PED)



3	SUNY GEN ED World History and Global Awareness	
3	SUNY GEN ED US History and Civic Engagement	
3	SUNY GEN ED Social Sciences	
3	SUNY GEN ED Diversity: Equity, Inclusion and Social Justice	
3	SUNY GEN ED The Arts, SUNY GEN ED World Languages or SUNY GEN ED Humanities	
4	Microbiology or Genetics	<a href="#">BIO223</a> (Prerequisite)
4	General Ecology	<a href="#">BIO205</a> (Prerequisite)
4	General Chemistry I	<a href="#">CHM111</a> (Prerequisite)
4	General Chemistry II	<a href="#">CHM112</a> (Prerequisite)
4	Organic Chemistry I	<a href="#">CHM203</a> (Prerequisite)
4	Organic Chemistry II	<a href="#">CHM204</a> (Prerequisite)
4	Electives	<a href="#">BIO107</a> , <a href="#">BIO213</a> , <a href="#">CHM202</a> or <a href="#">NTR111</a>
<b>64</b>	<b>Minimum credits required for graduation</b>	

<b>Recommended First Year</b>		
<b>First Semester</b>		
1-2	HRD100, HRD100A or HRD110	
3	ENG101	
4	BIO111	
4	CHM111	
3	SUNY GEN ED US History and Civic Engagement	
<b>Second Semester</b>		
1	Health and Wellness	
3	ENG102 - ENG110	
4	BIO112	
4	CHM112	
3	SUNY GEN ED Social Science	
<b>Recommended Second Year</b>		
<b>Third Semester</b>		
3	SUNY GEN ED World History and Global Awareness	
4	MAT127 or MAT131	
4	BIO 223 or BIO 212	
4	CHM203	
3	SUNY GEN ED Diversity: Equity, Inclusion and Social Justice	
<b>Fourth Semester</b>		
1	Health and Wellness	
3	SUNY GEN ED The Arts, SUNY GEN ED World Languages or SUNY GEN ED Humanities	
4	BIO205	
4	CHM204	
4	Electives (See Note 1)	

## NOTES

1. Recommended electives are BIO107, BIO213, CHM202 or NTR111.
2. Prior approved MSC courses can be used to meet degree requirements.



**Source URL:**

<https://catalog.sunyacc.edu/programs/liberal-arts-and-sciences-mathematics-and-science-biology>

**Links:**

[1] <https://catalog.sunyacc.edu/><div class=

[2] [https://catalog.sunyacc.edu/sites/catalog.sunyadk.com/files/degreeworksheets/2023/2023\\_2024\\_ams-biol.pdf](https://catalog.sunyacc.edu/sites/catalog.sunyadk.com/files/degreeworksheets/2023/2023_2024_ams-biol.pdf)

[3] <http://www.sunyacc.edu/academics/microcredentials>