



# Liberal Arts and Sciences: Mathematics and Science - Chemistry

## Program Information

**Degree Type:** AS

**Program Code:** LAMS - CHEM

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

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LAMS - CHEM

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

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 Chemistry. This program awards a two-year AS degree and sets a solid base for students to transfer to a four-year institution. This concentration prepares students for further education and eventual careers in several fields such as: analytical chemist, chemical engineer, healthcare scientist (clinical biochemistry), forensic scientist, research scientist (physical sciences), toxicologist, pharmacy, medicine, dentistry, nursing, veterinary medicine, and secondary education. *Recommended high school preparation: Biology, chemistry, physics and four years of math.*

Cr.	Course Title	Course Code
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	Calculus I	<a href="#">MAT131 (P</a>
4	General Chemistry I	<a href="#">CHM111 (P</a>
4	Calculus II	<a href="#">MAT132 (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	General Chemistry II	<a href="#">CHM112</a> (P)
4	Organic Chemistry I	<a href="#">CHM203</a> (P)
4	Organic Chemistry II	<a href="#">CHM204</a> (S)
4	Engineering Physics I	<a href="#">EGR105</a> (P)
4	Engineering Physics II	<a href="#">EGR106</a> (P)
4	Engineering Physics III	<a href="#">EGR204</a> (S)
4	Electives	<a href="#">MAT231</a> re
<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	MAT131	
4	CHM111	
3	SUNY GEN ED US History and Global Awareness	
1	Health and Wellness	
<b>Second Semester</b>		
3	ENG102 - ENG110	
4	MAT132	
4	CHM112	
4	EGR105	
1	Health and Wellness	
<b>Recommended Second Year</b>		
<b>Third Semester</b>		
3	SUNY GEN ED World History and Global Awareness	
3	SUNY GEN ED Social Sciences	
4	CHM203	
4	EGR106	
3	SUNY GEN ED Diversity: Equity, Inclusion and Social Justice	
<b>Fourth Semester</b>		
3	SUNY GEN ED The Arts, SUNY GEN ED World Languages or SUNY GEN ED Humanities	
4	CHM204	
4	EGR204	
4	Electives (See Note 1)	

## NOTES

1. Recommended elective MAT231.

## Source URL:

<https://catalog.sunyadk.com/programs/liberal-arts-and-sciences-mathematics-and-science-chemistry>

## Links:

[1] <https://catalog.sunyadk.com/><div class=

[2] [https://catalog.sunyadk.com/sites/catalog.sunyadk.com/files/degreeworksheets/2023/2023\\_2024\\_lams-chem.pdf](https://catalog.sunyadk.com/sites/catalog.sunyadk.com/files/degreeworksheets/2023/2023_2024_lams-chem.pdf)

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

