



Liberal Arts and Sciences: Mathematics and Science - Mathematics

Program Information

Degree Type: AS

Program Code: LAMS - MATH

Degree Worksheet PDF:  [2023_2024_lams-math.pdf \[1\]](#)

">Download

LAMS - MATH

 [2023_2024_lams-math.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 Mathematics. This concentration awards a two-year AS degree and sets a solid base for students to transfer to a four-year institution. The Math concentration prepares students for further education and eventual careers in several fields such as: actuarial science, operations research, biomathematics, cryptography, finance and secondary education.

Recommended high school preparation: Biology, chemistry, physics and four years of math.

Cr.	Course Title	Course Co
1-2	FRESHMAN EXPERIENCE	HRD100 H
3	Introduction to College Writing	ENG101
3	Writing II	ENG102, E ENG108, E
4	Calculus I	MAT131 (P
3-4	SUNY Gen Ed Natural Sciences lab science	
4	Calculus II	MAT132 (P
2	HEALTH AND WELLNESS	Any PED a HED103, H PED106, P



		(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	
7-8	Choose two from: MAT220 MAT231 or MAT232 (Spring only -Prereq Required)	
13	Mathematics/Science Core (MSC) Choose 13 credits from: Biology: BIO107 , BIO108 , BIO111 , BIO112 , BIO205 , BIO215 , BIO223 Chemistry: CHM104A , CHM104B , CHM111 , CHM112 , CHM202 , CHM203 , CHM204 Computer Science: CIS143 , CIS144 , CIS211 Earth Science: AST113 , GEO101 , GEO114 , GEO202 Engineering: EGR105 , EGR106 , EGR204 , EGR207 , EGR208 , EGR209 , EGR210 Mathematics: MAT121 , MAT125 , MAT127 , MAT129 , MAT220 , MAT227 , MAT231 , MAT232 (Spring Only) Nutrition: NTR111 Physics: PHY111 , PHY112 Social Sciences: ANT230 (1 credit must be SUNY GEN ED Mathematics or SUNY GEN ED Natural Sciences coursework)	
6	Liberal Arts and Sciences [4]	
3	Electives	
64	Minimum credits required for graduation	

Recommended First Year		
First Semester		
1-2	HRD100, HRD100A or HRD110	
3	ENG101	



4	MAT131
4	MSC elective (See Notes 1 and 2)
3	SUNY GEN ED US History and Civic Engagement
1	Health and Wellness
Second Semester	
3-4	SUNY GEN ED Natural Sciences lab science
3	ENG102 - ENG110
4	MAT132
3-4	MSC elective (See Note 1 and 2)
3	SUNY GEN ED Social Sciences
1	Health and Wellness
Recommended Second Year	
Third Semester	
3	SUNY GEN ED World History and Global Awareness
4	MAT231
3-4	MSC elective (See Note 1 and 2)
3	Liberal Arts and Sciences
3	SUNY GEN ED Diversity: Equity, Inclusion and Social Justice
Fourth Semester	
3	SUNY GEN ED The Arts, SUNY GEN ED World Languages or SUNY GEN ED Humanities
3-4	MAT220 or MAT232
3-4	MSC elective (See Notes 1 and 2)
3	Liberal Arts and Sciences
3	Electives

NOTES



1. Mathematics/Science core (MSC) courses shall be selected from the program layout. 1 credit

must be SUNY GEN ED Mathematics (and Quantitative Reasoning) or SUNY GEN ED Natural

Sciences (and Scientific Reasoning) coursework.

2. Students should select Mathematics/Science core (MSC) courses and electives after

consultation with their advisor and the intended transfer institution.

3. 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-mathematics>

Links:

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

[2] https://catalog.sunyacc.edu/sites/catalog.sunyadk.com/files/degreeworksheets/2023/2023_2024_1_ams-math.pdf

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

[4] <http://catalog.sunyacc.edu/academics/degreerequirements>