

Liberal Arts and Sciences: Mathematics and Science AS (LAMS) – Biology Concentration (BIOL)

[DEACTIVATED - no Spring 2024 admits]

Catalog: 2023-2024		Effective Date: 9/01/2023	
CR	COURSE	COURSE TITLE	SUNY GEN ED
1-2	HRD 100, HRD 100A or HRD 110	FRESHMAN EXPERIENCE	
3	ENG 101	<i>Introduction to College Writing</i>	GCWO
3	ENG 102, ENG 103, ENG 104, ENG 105, ENG 106, ENG 107, ENG 108, ENG 109 or ENG 110	<i>Writing II</i>	GCWO
4	MAT 127 (Prereq Required) or MAT 131 (Prereq Required)	<i>Introductory Statistics with Probability or Calculus I</i>	GMAT
4	BIO 111 (Prereq Required)	<i>General Biology I</i>	GNSL
4	BIO 112 (Prereq Required)	<i>General Biology II</i>	GNSL
2	Any PED activity course, AVS 101, AVS 102, BIO 115, HED 103, HED 104, HED 108, NTR 101, NTR 111, PED 105, PED 106, PED 206 or PED 211 (Note: PED 210 and PED 212 do not fulfill this requirement)	HEALTH AND WELLNESS	
3	SUNY GEN ED World History and Global Awareness		GGLB
3	SUNY GEN ED US History and Civic Engagement		GUSC
3	SUNY GEN ED Social Sciences		GSSC
3	SUNY GEN ED Diversity: Equity, Inclusion and Social Justice		GDVR
3	SUNY GEN ED The Arts, SUNY GEN ED World Languages or SUNY GEN ED Humanities		GART GWRL GHUM
4	BIO 223 (Prereq Required) or BIO 212 (Prereq Required)	<i>Microbiology or Genetics</i>	
4	BIO 205 (Prereq Required)	<i>General Ecology</i>	
4	CHM 111 (Prereq Required)	<i>General Chemistry I</i>	GNSL
4	CHM 112 (Prereq Required)	<i>General Chemistry II</i>	
4	CHM 203 (Fall only - Prereq Required)	<i>Organic Chemistry I</i>	
4	CHM 204 (Spring only - Prereq Required)	<i>Organic Chemistry II</i>	
4	Electives	BIO 107, BIO 213, CHM 202 or NTR 111 recommended	
64	Minimum credits required for graduation		

Note: Please review the back of this form for additional information.

Notes on Liberal Arts and Sciences: Mathematics and Science AS (LAMS) – Biology Concentration (BIOL)

❖ COURSE PREREQUISITES:			
MAT 127	MAT 096 within 4 years and 21 passed credits <u>or</u> MAT 097 within 4 years and 21 earned credits <u>or</u> MAT 108 within 4 years	CHM 111	CHM 103 (or Regents Chemistry 70) <u>and</u> MAT 108 (or Regents Math B 70 or Algebra 2/Trigonometry 70)
MAT 131	MAT 121 with C or better <u>and</u> MAT 125 with C or better within 4 years	CHM 112	CHM 111 with grade C or better
BIO 111	BIO 103 (or Regents Biology 65) <u>and</u> CHM 103 (or Regents Chemistry 65)	CHM 203	CHM 112
BIO 112	BIO 103 (or Regents Biology 65) <u>and</u> CHM 103 (or Regents Chemistry 65)	CHM 204	CHM 202 with grade C or better
BIO 205	BIO 111 or BIO 112		
BIO 212	BIO 111 or BIO 112 or BIO 223		
BIO 223	BIO 103 with C or better (or Regents Biology 80) <u>and</u> CHM 103 with C or better (or Regents Biology 80)		

❖ RECOMMENDED SEQUENCE:			
FIRST YEAR			
First Semester		Second Semester	
1-2	HRD 100, HRD 100A or HRD 110	1	Health and Wellness
3	ENG 101	3	ENG 102 – ENG 110
4	BIO 111	4	BIO 112
4	CHM 111	4	CHM 112
3	SUNY GEN ED US History and Civic Engagement	3	SUNY GEN ED Social Sciences
SECOND YEAR			
Third Semester		Fourth Semester	
3	SUNY GEN ED World History and Global Awareness	1	Health and Wellness
4	MAT 127 or MAT 131	3	SUNY GEN ED The Arts, SUNY GEN ED World Languages or SUNY GEN ED Humanities
4	BIO 223 or BIO 212	4	BIO 205
4	CHM 203	4	CHM 204
3	SUNY GEN ED Diversity: Equity, Inclusion and Social Justice	4	Electives – See Note 1
NOTES:			
1. Recommended electives are BIO 107, BIO 213, CHM 202 or NTR 111.			
2. Prior approved MSC courses can be used to meet degree requirements.			

❖ **DEFINITION OF COURSE REQUIREMENTS:** See <http://catalog.sunyacc.edu/academics/degreerequirements>

❖ **FINANCIAL AID RECIPIENTS:** A student **must** choose courses that are within their degree program. Students are encouraged to meet with their assigned academic advisor for any questions about course selection and degree program requirements. Please visit the Office of Financial Aid for any aid-related questions.

❖ **SUNY GEN ED KNOWLEDGE AREAS:** See <http://catalog.sunyacc.edu/academics/generaleducation>

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| ❖ Mathematics (and Quantitative Reasoning) (GMAT) | ❖ Diversity: Equity, Inclusion and Social Justice (GDVR) |
| ❖ Natural Sciences (and Scientific Reasoning) (GNSC) | ❖ Humanities (GHUM) |
| ❖ Social Sciences (GSSC) | ❖ The Arts (GART) |
| ❖ US History and Civic Engagement (GUSC) | ❖ World Languages (GWRL) |
| ❖ World History and Global Awareness (GGLB) | ❖ Communication – Written and Oral (GCWO) |