

Liberal Arts and Sciences: Mathematics and Science AS (LAMS)
Catalog: 2025-2026 Effective Date: 9/1/2023

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
3	SUNY GEN ED Mathematics (and Quantitative Reasoning)		GMAT
3-4	SUNY GEN ED Natural Sciences (and Scientific Reasoning) lab science		GNSL
3	Mathematics or Science		
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	
6	Two Knowledge Areas are required: SUNY GEN ED World History and Global Awareness SUNY GEN ED US History and Civic Engagement SUNY GEN ED Social Sciences		GGLB GUSC 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
20	Mathematics/Science Core (MSC) - Choose 20 credits from: (6 credits must be SUNY GEN ED Mathematics or SUNY GEN ED Natural Sciences coursework) BIOLOGY: BIO 107, BIO 108, BIO 111, BIO 112, BIO 205 212, BIO 223 CHEMISTRY: CHM 104A/B, CHM 111, CHM 112, CHM 202, CHM 203 (Fall only), CHM 204 (Spring only) COMPUTER SCIENCE: CIS 135, 143, CIS 144 EARTH SCIENCE: AST 113, GEO 101, GEO 114, GEO 202 ENGINEERING: EGR 105, EGR 106, EGR 204, EGR 207, EGR 208, EGR 209, EGR 210 MATHEMATICS: MAT 121, MAT 125, MAT 127, MAT 129, MAT 131, MAT 132, MAT 220, MAT 227, MAT 231 (Fall only), MAT 232 (Spring only) NUTRITION: NTR 111 PHYSICS: PHY 111, PHY 112 SOCIAL SCIENCES: ANT 230		GMAT GNSC
6	Liberal Arts and Sciences		
8	Electives		
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)

PREREQUISITES

See <http://catalog.sunyacc.edu/coursedescriptions/catalog>

FIRST YEAR SEQUENCE

Credits	First Semester
1-2	HRD 100, HRD 100A or HRD 110
3	ENG 101
3-4	SUNY GEN ED Mathematics (and Quantitative Reasoning)
3-4	SUNY GEN ED Natural Sciences (and Scientific Reasoning) lab science
3	SUNY GEN ED World History and Global Awareness SUNY GEN ED US History and Civic Engagement SUNY GEN ED Social Sciences
1	Health and Wellness
Credits	Second Semester
3	ENG 102 – ENG 110
3	Mathematics or Science
3	SUNY GEN ED Diversity: Equity, Inclusion and Social Justice
3-4	MSC elective (See Note 1)
3-4	MSC elective (See Note 1)
1	Health and Wellness

SECOND YEAR SEQUENCE

Credits	Third Semester
3	SUNY GEN ED World History and Global Awareness SUNY GEN ED US History and Civic Engagement SUNY GEN ED Social Sciences
3-4	MSC elective (See Note 1)
3-4	MSC elective (See Note 1)
3	Liberal Arts and Sciences
4	Electives
Credits	Fourth Semester
3	SUNY GEN ED The Arts, SUNY GEN ED World Languages or SUNY GEN ED Humanities
3-4	MSC elective (See Note 1)
3-4	MSC elective (See Note 1)
3	Liberal Arts and Sciences
4	Electives

DEGREE NOTES:

1. Mathematics/Science core (MSC) courses shall be selected from the program layout. 6 credits must be SUNY GEN ED Mathematics (and Quantitative Reasoning) or SUNY GEN ED Natural Sciences (and Scientific Reasoning) coursework.
2. Prior approved MSC courses can be used to meet degree requirements.

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