

Liberal Arts and Sciences: Mathematics and Science AS (LAMS) – Chemistry Concentration (CHEM)

[DISCONTINUED – 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 131 (Prereq Required)	<i>Calculus I</i>	GMAT
4	CHM 111 (Prereq Required)	General Chemistry I	GNSL
4	MAT 132 (Prereq Required)	<i>Calculus II</i>	GMAT
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	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	EGR 105 (Prereq Required)	<i>Engineering Physics I</i>	
4	EGR 106 (Prereq Required)	<i>Engineering Physics II</i>	
4	EGR 204 (Spring only - Prereq Required)	<i>Engineering Physics III</i>	
4	Electives	CHM 202 and MAT 231 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) – Chemistry Concentration (CHEM)

❖ COURSE PREREQUISITES:			
CHM 111	CHM 103 (or Regents Chemistry 70) and MAT 108 (or Regents Math B 70 or Algebra 2/Trigonometry 70)	EGR 105	MAT 131
CHM 112	CHM 111 with grade C or better	EGR 106	EGR 105
CHM 203	CHM 112	EGR 204	EGR 105 and MAT 132
CHM 204	CHM 202 with grade C or better	MAT 131	MAT 121 with C or better and MAT 125 with C or better within 4 years
		MAT 132	MAT 131 with C or better within 4 years

❖ RECOMMENDED SEQUENCE:			
FIRST YEAR			
First Semester		Second Semester	
1-2	HRD 100, HRD 100A or HRD 110		
3	ENG 101	3	ENG 102 – ENG 110
4	MAT 131	4	MAT 132
4	CHM 111	4	CHM 112
3	SUNY GEN ED US History and Civic Engagement	4	EGR 105
1	Health and Wellness	1	Health and Wellness
SECOND YEAR			
Third Semester		Fourth Semester	
3	SUNY GEN ED World History and Global Awareness		
3	SUNY GEN ED Social Sciences	3	SUNY GEN ED The Arts, SUNY GEN ED World Languages or SUNY GEN ED Humanities
4	CHM 203	4	CHM 204
4	EGR 106	4	EGR 204
3	SUNY GEN ED Diversity: Equity, Inclusion and Social Justice	4	Electives – See Note 1
NOTES:			
1. Recommended electives are CHM 202 and MAT 231.			

❖ **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) |