Liberal Arts and Sciences: Mathematics and Science

Program Information

Degree Type: AS
 Program Code: LAMS
 Degree Worksheet PDF: 2023_2024_lams.pdf [1]
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LAMS
2023_2024_lams.pdf [2]

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

SUNY Adirondack has always been proud of its strong transfer programs in Mathematics and Science. University-parallel programs are available in Biology, Chemistry, Geology, (Earth Science), Mathematics, and Physics, as well as the preparatory courses required for students interested in pursuing careers in Secondary Education and in Dentistry, Nursing, Medicine, and Veterinary Medicine. Necessary course work for transfer to any programs offered by SUNY's College of Environmental Science and Forestry [4] is also available . *Recommended high school preparation: Biology, chemistry, physics and four years of math.*

Cr.	Course Title	Course C
1-2	FRESHMAN EXPERIENCE	HRD100 H
3	Introduction to College Writing	ENG101
3	Writing II	ENG102, E ENG108, E
3	SUNY Gen Ed Mathematics (and Quantitative Reasoning)	
3-4	SUNY Gen Ed Natural Sciences (and Scientific Reasoning) lab science	
3	Mathematics or Science	
2	HEALTH AND WELLNESS	Any PED a HED103, H PED106, P (Note PED

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	
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	
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:** BIO107, BIO108, BIO111, BIO112, BIO205, BIO212, BIO223 **Chemistry:** CHM104A,CHM104B, CHM111, CHM112, CHM202, CHM203 (Fall only), CHM204 (Spring only) **Computer Science:** CIS143, CIS144, CIS211 **Earth Science:** AST113, GEO101, GEO114, GEO202 **Engineering:** EGR105, EGR106, EGR204, EGR207, EGR208, EGR209, EGR210 **Mathematics:** MAT121, MAT125, MAT127, MAT129, MAT131, MAT132, MAT220, MAT227, MAT231 (Fall only), MAT232 (Spring only) **Nutrition**: NTR111 **Physics:** PHY111, PHY112 **Social Sciences and Philosophy:** ANT230 (6 credits must be SUNY GEN ED Mathematics or SUNY GEN ED Natural Sciences coursework)	
6	Liberal Arts and Sciences [5]	
8	Electives	
64	**Minimum credits required for graduation**	

Recommended First Year		
First Semester		
1-2	HRD100, HRD100A or HRD110	
3	ENG101	
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 US World History and Global Awareness or SUNY GEN ED US History and Civic Engagement or	

	SUNY GEN ED Social Sciences
1	Health and Wellness
Second Semester	
3	ENG102 - ENG110
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
Recommended Second Year	
Third Semester	
3	SUNY GEN ED World History and Global Awareness or SUNY GEN ED US History and Civic Engagement or 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
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	

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.

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