Liberal Arts and Sciences: Mathematics and Science AS (LAMS)

Catalog: 2022-2023						Effective Date: 9/01/2022		

CR	COURSE	COURSE TITLE	SUNY GEN ED	TR	SEMESTER			
1-2	HRD 100, HRD 100A or HRD 110	FRESHMAN EXPERIENCE						
3	ENG 101	*Introduction to College Writing*	GEBC					
3	SUNY GEN ED Basic Communication ENG 102, ENG 103, ENG 104, ENG 105, ENG 106, ENG 107, ENG 108, ENG 109 or ENG 110		GEBC					
3	SUNY GEN ED Mathematics		GEMA					
3-4	SUNY GEN ED Natural Science lab science		GENS					
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						
3	SUNY GEN ED Western Civilization		GEWC					
3	SUNY GEN ED American History		GEAH					
3	SUNY GEN ED Social Science		GESS					
3	SUNY GEN ED The Arts, SUNY GEN ED Foreign Language or SUNY GEN ED Humanities		GETA GEFL GEHU					
20	Mathematics/Science Core (MSC) - Choose 20 credits from: **BIOLOGY**: BIO 107, BIO 108, BIO 111, BIO 112, BIO 205, BIO 212, BIO 213, BIO 215, BIO 223 **CHEMISTRY:** CHM 104A/B, CHM 111, CHM 112, CHM 202, CHM 203 (Fall only), CHM 204 (Spring only) **COMPUTER SCIENCE**: CIS 143, CIS 144, CIS 211 **EARTH SCIENCE**: AST 113, GEO 101, GEO 102, GEO 114, GEO 201, GEO 202 **ENGINEERING**: EGR 105, EGR 106, EGR 204, EGR 207, EGR 208, EGR 209, EGR 210, EGR 211 **MATHEMATICS:** MAT 121, MAT124, MAT 125, MAT 127, MAT 129, MAT 131, MAT 132, MAT 220, MAT 223, MAT 227, MAT 231, MAT 232 (Spring only) **NUTRITION**: NTR 111 **PHYSICS:** PHY 111, PHY 112 **SOCIAL SCIENCES and PHILOSOPHY**: ANT 230, PHI 203 (6 credits must be SUNY GEN ED Mathematics or SUNY GEN ED Natural Science coursework)		GEMA GENS					
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)

❖ COURSE PREREQUISITES:

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

❖ RECOMMENDED SEQUENCE:

FIRST YEAR

First Semester		Second Semester	
1-2	HRD 100, HRD 100A or HRD 110	3	ENG 102 – ENG 110
3	ENG 101	3	Mathematics or Science
3-4	SUNY GEN ED Mathematics	3	SUNY GEN ED Social Science
3-4	SUNY GEN ED Natural Science lab science	3-4	MSC elective (See Note 1)
3	SUNY GEN ED American History	3-4	MSC elective (See Note 1)
1	Health and Wellness	1	Health and Wellness

SECOND YEAR

Third Semester		Fourth Semester	
3	SUNY GEN ED Western Civilization	3	SUNY GEN ED The Arts, SUNY GEN ED Foreign Language or SUNY GEN ED Humanities
3-4	MSC elective (See Note 1)	3-4	MSC elective (See Note 1)
3-4	MSC elective (See Note 1)	3-4	MSC elective (See Note 1)
3	Liberal Arts and Sciences	3	Liberal Arts and Sciences
4	Electives	4	Electives

NOTES:

1. Mathematics/Science core (MSC) courses shall be selected from the program layout. 6 credits must be SUNY GEN ED Mathematics or SUNY GEN ED Natural Science coursework.

❖ **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
- ❖ Mathematics (GEMA)
- ❖ Natural Sciences (GENS)
- ❖ Social Sciences (GESS)
- ❖ American History (GEAH)
- ❖ Western Civilization (GEWC)
- ❖ Other World Civilization (GEOC)
- ❖ Humanities (GEHU)
- ❖ The Arts (GETA)
- ❖ Foreign Languages (GEFL)
- ❖ Basic Communication (GEBC)