

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

Catalog: 2015-2016				Effective Date: 9/01/2015			
CR	COURSE	COURSE TITLE	SUNY GEN ED	TR	SEMESTER		
1-4	HRD 100, HRD 100A or HRD 110	FRESHMAN EXPERIENCE					
3	ENG 101 or ENG 100A & B	<i>Introduction to College Writing or Writing Reading Workshop A/B</i>	GEBC				
3	SUNY GEN ED Basic Communication ENG 102, 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 114, BIO 115, HED 103, HED 104, HED 108, PED 172 or SCI 161 (Note: PED 105, PED 106, PED 206, PED 210, PED 211, and PED 212 do not fulfill this requirement)	HEALTH AND WELLNESS					
3	SUNY GEN ED Western Civilization HIS 100, HIS 101 or HIS 102		GEWC				
3	SUNY GEN ED American History HIS 103 or HIS 104		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:  <b>BIOLOGY:</b> BIO 107, BIO 108, BIO 111, BIO 112, BIO 113, BIO 114, BIO 205, BIO 212, BIO 213  <b>CHEMISTRY:</b> CHM 104, CHM 111, CHM 112, CHM 202, CHM 203, CHM 204  <b>COMPUTER SCIENCE:</b> CIS 143, CIS 144  <b>EARTH SCIENCE:</b> AST 113, GEO 101, GEO 102, GEO 114, GEO 201, GEO 202  <b>ENGINEERING:</b> EGR 105, EGR 106, EGR 204, EGR 207, EGR 208, EGR 209, EGR 210, EGR 211  <b>MATHEMATICS:</b> MAT 121, MAT124, MAT 125, MAT 127, MAT 129, MAT 131, MAT 132, MAT 220, MAT 223, MAT 227, MAT 231, MAT 232  <b>PHILOSOPHY:</b> PHI 203  <b>PHYSICS:</b> PHY 111, PHY 112  (6 credits must be SUNY GEN ED Mathematics or SUNY GEN ED Natural Science coursework)		GEMA GENS				
6	Liberal Arts						
8	Electives						
<b>64</b>	<b>Minimum credits required for graduation</b>						

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

❖ **COURSE PREREQUISITES:**See <http://catalog.sunyacc.edu/coursedescriptions/catalog>❖ **RECOMMENDED SEQUENCE:****FIRST YEAR**

First Semester		Second Semester	
1-4	HRD 100, HRD 100A or HRD 110	3	ENG 102 – ENG 110
3	ENG 101 or ENG 100 A & B	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	HIS 103 or HIS 104	3-4	MSC elective (See Note 1)
1	Health and Wellness	1	Health and Wellness

**SECOND YEAR**

Third Semester		Fourth Semester	
3	HIS 100, HIS 101 or HIS 102	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	3	Liberal Arts
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 visit the Advisement and Career Services Center in Warren Hall 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)          | ❖ Other World Civilization (GEOC) |
| ❖ Natural Sciences (GENS)     | ❖ Humanities (GEHU)               |
| ❖ Social Sciences (GESS)      | ❖ The Arts (GETA)                 |
| ❖ American History (GEAH)     | ❖ Foreign Languages (GEFL)        |
| ❖ Western Civilization (GEWC) | ❖ Basic Communication (GEBC)      |