

Liberal Arts and Sciences - Mathematics & Science AS (LAMS)

Catalog: 2014 - 2015

Effective Date: 9/01/2014

CR COURSE		SEMESTER								
		CA#	TR							
1-4	HRD 100A, 100 or 110									
3	ENG 101 or ENG 100A & B									
3	SUNY GEN ED Basic Communication Course (Choose from: ENG 102-110)									
3	SUNY GEN ED Mathematics Course									
3-4	SUNY GEN ED Natural Science Lab Course									
3	MATH or SCIENCE (including non-lab Sciences)									
2	HEALTH AND WELLNESS–PED activity credit, AVS 101, AVS 102, BIO 114, BIO 115, HED 103, HED 104, HED 108, SCI 161 (Note: PED 105, 106, 206, 210, 211, and 212 do not fulfill this requirement)									
3	WESTERN CIVILIZATION Choose one from: HIS 100, 101, 102									
3	AMERICAN HISTORY Choose one from: HIS 103 or HIS 104									
3	SUNY GEN ED SOCIAL SCIENCE (ANT 101, ANT 103, ANT 105, PSY 101, PSY 103, SOC 101, or SOC 103)									
3	SUNY GEN ED ARTS, FOREIGN LANGUAGE or HUMANITIES									
20	MATH OR SCIENCE COURSES Choose from: AST 113, BIO 107, BIO 108, BIO 111, BIO 112, BIO 113, BIO 114, BIO 205, BIO 212, BIO 213, CHM 104, CHM 111, CHM 112, CHM 202, CHM 203, CHM 204, CIS 143, CIS 144, GEO 101, GEO 102, GEO 114, GEO 201, GEO 202, EGR 105, EGR 106, EGR 204, EGR 207, EGR 208, EGR 209, EGR 210, EGR 211, MAT 121, MAT124, MAT 125, MAT 127, MAT 129, MAT 131, MAT 132, MAT 220, MAT 223, MAT 227, MAT 231, MAT 232, PHI 203, PHY 111, PHY 112									
3	LIBERAL ARTS ELECTIVE									
3	LIBERAL ARTS ELECTIVE									
8	ELECTIVES									
64	Minimum credits required for graduation									64+

Notes on Liberal Arts and Sciences - Mathematics & Science AS (LAMS)

- ❖ **Financial Aid Recipients:** You **must** choose courses that are within your degree program. Visit the Advisement and Career Services Center in Warren Hall if you have any questions about course selection and degree program requirements. Please see Office of Financial Aid for any aid-related questions.

Additional Information:

Specific program requirements (20 credits) as advised from:

Biology: BIO 107, 108, 111, 112, 113, 114, 205, 212, 213

Chemistry: CHM 104, 111, 112, 202, 203, 204

Computer Science: CIS 143, 144

Earth Science: AST 113, GEO 101, 102, 114, 201, 202

Engineering: EGR 105, 106, 204, 207, 208, 209, 210, 211

Mathematics: MAT 121, 124, 125, 127, 129, 131, 132, 220, 223, 227, 231, 232

Philosophy: PHI 203

Physics: PHY 111, 112

Prerequisites for:

See <http://catalog.sunyacc.edu/coursedescriptions/catalog> for listing of prerequisites.

Definition of Terms

See <http://catalog.sunyacc.edu/academics/degreerequirements>

RECOMMENDED SEQUENCES

FIRST YEAR

First Semester

- 1-4 HRD 100A, 100, or 110
- 3 ENG 101 or 100A & B
- 3-4 SUNY GEN ED Nat. Sci. lab course
- 3-4 SUNY GEN ED Math
- 3 History
- 1 Health and Wellness

Second Semester

- 3 ENG 102 - 110
- 3-4 Math or Science
- 3 SUNY GEN ED Social Science
(ANT 101, ANT 103, ANT 105, PSY 101, PSY 103, SOC 101, or SOC 103)
- 3-4 Math, Science, or Computer Science
- 1 Health and Wellness

SECOND YEAR

Third Semester

- 3 Liberal Arts Elective
- 3 HIS 103, 104
- 8 Math, Science, or Computer Science
- 4 Electives

Fourth Semester

- 3 Liberal Arts Elective
- 3 SUNY GEN ED The Arts, Foreign Languages or Humanities
- 3-4 Math, Science, or Computer Science
- 4 Electives

SUNY General Education Knowledge Areas: (See <http://catalog.sunyacc.edu/academics/generaleducation>)

- Mathematics
- Natural Sciences
- Social Sciences
- American History
- Western Civilization
- Other World Civilization
- Humanities
- The Arts
- Foreign Languages
- Basic Communication