

PROGRAM: AS LIBERAL ARTS-MATH & SCIENCE

Division: Natural and Health Sciences
 SCI-252 (914) 606-6912

Curriculum
 Code: 0200
 64 Credits

Curriculum Chair

Professor William Bastiansen
 SCI-323
 Telephone: (914) 606-6938

Reviewed By: _____

Date: _____

Approved By Chairperson/Dean:

Course #	SEMESTER 1	Credits	✓
<i>ENG 101</i>	<i>Composition & Literature 1</i>	3	
	<i>Mathematics¹-</i>	4	
	<i>Behavioral-</i>	3	
	<i>Science & Lab² -</i>	4	
	<i>PE (fitness)-</i>	1	

Course #	SEMESTER 2	Credits	✓
<i>ENG 102</i>	<i>Composition & Literature 2</i>	3	
	<i>Mathematics²-</i>	4	
	<i>Social Science-</i>	3	
	<i>Science & Lab² -</i>	4	
	<i>PE (sport)-</i>	1	

Course #	SEMESTER 3	Credits	✓
	Humanities-	3	
	Behavioral or Social Science	3	
	Mathematics ¹ or Science ²	4	
	Elective- _____	3	
	Elective- _____	3	

Course #	SEMESTER 4	Credits	✓
	Behavioral or Social Science	3	
	Mathematics ¹ or Science ³	4	
	Humanities, Communications or English	3	
	Elective- _____	4	
	Elective- _____	4	

Bold italic items are Core Requirements.

NOTES:

- ***Social Science*** courses include History, Political Science, Economics and Geography.
- ***Behavioral Science*** courses include Sociology, Psychology, Anthropology and Geography. General Psychology is the prerequisite for all upper level psychology courses.
- ***Humanities*** courses may be selected from Art, Dance, Drama, Music, Film, Foreign Language, Literature¹, Philosophy, Theater and Photography at ARTWS.

¹ Calculus I & II are often required for science and/or mathematics transfer programs. Calculus III, Differential Equations and Linear Algebra also are acceptable. College Algebra with Trigonometry followed by Pre Calculus could be taken as a sequence for average math students. College Algebra, Development of Math Thought, Finite Math and Statistics are not acceptable for the LA/MS mathematics requirement. They count toward graduation requirements and can be taken as electives.

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³ Acceptable Science Sequences: General Biology I & II w/Lab, Anatomy & Physiology I & II w/Lab, College Physics I & II w/Lab (or higher). Inorganic Chemistry I & II w/Lab and Organic Chemistry I & II w/Lab are most generally accepted or required in transfer. Other science and mathematics courses may be allowed to satisfy degree requirements at the discretion of the Curriculum Chairperson or may be taken as electives. One semester science courses are only accepted as electives.

MATH/SCIENCE TRANSFER TO A FOUR YEAR COLLEGE OR UNIVERSITY DEGREE REQUIREMENTS

Electives in Humanities, English or Communications.....	3cr.
Behavioral/Social Science	6cr.
Additional Mathematics or Science	8cr.
Electives	14cr.
Total	31cr.
Minimum Total Credits	64cr.

SUNY Environmental Science and Forestry Articulation Arrangement Transfer.

Students planning to transfer to the SUNY College of Environmental Science and Forestry at Syracuse Program: 29-35 credits of appropriate courses, depending on option chosen. Consult the curriculum chair regarding course selection.

Course Title	Biology Transfer	Chemistry Transfer	Mathematics Transfer	Physics Transfer
BIOL 115, 117 General Biology I & II	Required	Recommended	Recommended	Recommended
BIOL 121, 123 Anatomy & Physiology I & II	Recommended	No	No	No
BIOL 215 General Microbiology	Recommended	No	No	No
BIOL 219 Histology	Recommended	No	No	No
CHEM 107, 111 Inorganic Chemistry I & II	Required	Required	Recommended	Recommended
CHEM 215, 216 Bio-Chemistry I & II	Recommended	Recommended	No	No
CHEM 201, 205 Organic Chemistry I & II	Recommended	Required	No	No
MATH 121, 122 Calculus I & II	Required	Required	Required	Required
MATH 201 Calculus III	No	Recommended	Required	Required
MATH 203 Diff. Equations	No	Recommended	Required	Required
MATH 206 Linear Algebra	No	No	Recommended	Recommended
MATH 113 Statistics	Recommended	Recommended	Recommended	No
COMSC 101 Computer Programming I	Recommended	Recommended	Recommended	Recommended
PHYSC 123, 125 College Physics I & II or PHYSC 101B, 103B, Engineering Physics I-III	Recommended	Recommended	Required	Required