

# AS: Liberal Arts Math and Science

**Curriculum Chair:** Prof. Chad Thompson SCI-209 Tel # (914) 606-7829 Email: [Chad.Thompson@sunywcc.edu](mailto:Chad.Thompson@sunywcc.edu)

**Associate Dean:** Michael Olivette Science Bldg. 254 Tel # (914) 606-6912 Email: [Michael.Olivette@sunywcc.edu](mailto:Michael.Olivette@sunywcc.edu)

## Developmental Courses as required based on placement scores

<input type="checkbox"/>	<b>No Developmental Courses Required</b>
<input type="checkbox"/>	<b>ENG 91</b> Writing for College 1 – Score of 4 E Code 1 and below Choose an item.
<input type="checkbox"/>	<b>ENG 92</b> Writing for College 2 – Score of 6 E Code 2 Choose an item.
<input type="checkbox"/>	<b>ESL 94</b> Academic Writing 1 – Score of 5 or 6 E Code 6 Choose an item.
3 <input type="checkbox"/>	<b>ESL 122</b> Academic Writing 2 – Score of 7 E Code 7 Choose an item.
<input type="checkbox"/>	<b>MATH 92</b> Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below Choose an item.
<b>OR</b> <input type="checkbox"/>	<b>MATH 93</b> Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below Choose an item.
	<b>MATH 94</b> Foundations of Mathematical Reasoning – Arithmetic score 45 and above, Elementary Algebra 54 and below Choose an item.
<input type="checkbox"/>	<b>READ 93</b> Foundation of College Reading – Score of 57 and below Choose an item.
3 <input type="checkbox"/>	<b>READ 105</b> Analytical Reading – Score of 58 and higher Choose an item.

## Core Requirements

3 <input type="checkbox"/>	<b>ENG 101</b> – Writing and Research <b>OR ENG 101H</b> Choose an item.
3 <input type="checkbox"/>	<b>ENG 102</b> – Writing and Literature <b>OR ENG 102H</b> Choose an item.
	<b>MATHEMATICS: SELECT TWO OF THE FOLLOWING MATH COURSES: MATH 135, 161, 181, 191, 215, 230, 240</b>
4 <input type="checkbox"/>	
4 <input type="checkbox"/>	
	<b>SCIENCE: SELECT ONE OF THE FOLLOWING SCIENCE SEQUENCES: BIOL 115 &amp; 117, OR BIOL 121 &amp; 123, OR CHEM 107 &amp; 111, OR CHEM 201 &amp; 205, OR PHYSC 111 &amp; 112, OR PHYSC 121 &amp; 122</b>
4 <input type="checkbox"/> /5 <input type="checkbox"/>	
4 <input type="checkbox"/> /5 <input type="checkbox"/>	
	<b>SOCIAL SCIENCES GENERAL ED REQUIREMENTS – Select a 3 credit course:</b> ANTHR 101, 102, 103, 201, CJ 111, ECON 101, 101H, 102, 102H, GEOG 101, HSERV 102, 200, LIN 201, POLSC 111, 111H, 115, PSYCH 101, 101H, 103, 103H, 107, 109, 110, 111, 112H, SOC 101, 101H, 102, 103, 104
3 <input type="checkbox"/>	
	<b>THE ARTS, FOREIGN LANGUAGE, or OTHER WORLD CIVILIZATIONS GENERAL ED REQUIREMENTS – Select a 3/4 credit course:</b> ART 101, 102, 103, 104, 105, 106, 108, 109, 109A, 110, 111, 112, 125, 129, 130, 133, 134, 135, 137, 138, 140, 141, 147, 201, 203, 212, 265, DANCE 101, 102, 107, 120, 121, 205, 207, FILM 100, 101, 102, 130 MUSIC 110, 110H, 111, 120, 121, 130, 131, 132, 133, 150, 230, 231, 232, 233, THEAT 111, 113, 201 CHINS 102, FREN 101, 102, 201, ITAL 101, 102, 103, 201, 201H, 202, 202H, 250, SPAN 101, 102, 103, 104, 201, 201H, 202, 202H, 203, 204

	<b>ANTHR 120, 210, 215H, HIS 119, 128, 129, 131, POLSC 113</b>
<b>3□/4□</b>	
	<p><b>AMERICAN HISTORY or WESTERN CIVILIZATION GENERAL ED REQUIREMENTS – Select a 3 credit course:</b></p> <p><b>ART 108, 109, HIS 101, 102, 104, 106, 110, 111, 112, 121*, 133**, 134**, POLSC 102, 104, 107</b></p> <p><i>*Students who complete this course cannot use HIS 133 or 134 to fulfill degree and/or general education requirements</i></p> <p><i>**Students who complete this course cannot use HIS 121 to fulfill degree and/or general education requirements</i></p>
<b>3□</b>	

<b>Degree Requirements</b>	
	<b>SELECT 2 ADDITIONAL MATHEMATICS COURSES OR 1 SCIENCE SEQUENCE FROM FOLLOWING COURSES – Credits 8-10: MATH 135, 161, 181, 191, 215, 230, 240, 250, OR BIOL 115 &amp; 117, OR BIOL 121 &amp; 123 OR CHEM 107 &amp; 111, OR CHEM 201 &amp; 205, OR PHYSC 111 &amp; 112, OR PHYSC 121 &amp; 122</b>
<b>4□/5□</b>	
<b>4□/5□</b>	
	<b>ADDITIONAL STEM ELECTIVES – CHOOSE 3 ADDITIONAL COURSES IN STEM (SEQUENCES NOT REQUIRED): BIOL 115, 117, 121, 123, CHEM 107, 111, 201, 205, MATH 135, 161, 181, 191, 215, 230, 240, 250, PHYSC 111, 112, 121, and 122.</b>
<b>4□/5□</b>	
<b>4□/5□</b>	
<b>4□/5□</b>	
	<b>OPEN ELECTIVES: 9 credits – Note that the 2 additional credits from taking 10 credit Natural Science sequences instead of taking 8 credit Natural Science sequences may be applied here.</b>
<b>3□/4□</b>	
<b>3□/4□</b>	
<b>3□/4□</b>	

**SEEN BY:** \_\_\_\_\_ **Completed credits** \_\_\_\_\_ **of 60 required**

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Academic Plan		Completed credits of 60 required			
		Fall/Spring		Fall/Spring	
<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>
		Fall/Spring		Fall/Spring	
<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>