

# AS: Liberal Arts Math and Science - Chemistry

Curriculum Chair: Prof. Chad Thompson SCI-209 Tel # (914) 606-7829 Email: [Chad.Thompson@sunywcc.edu](mailto:Chad.Thompson@sunywcc.edu)  
Academic Dean: Science Bldg. 254 Tel # (914) 606-6912 Email

## 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.
OR <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.
4 <input type="checkbox"/>	<b>MATH 181</b> – Calculus 1 Choose an item.
4 <input type="checkbox"/>	<b>MATH 191</b> – Calculus 2 Choose an item.
5 <input type="checkbox"/>	<b>CHEM 107</b> – Inorganic Chemistry 1 Choose an item.
5 <input type="checkbox"/>	<b>CHEM 111</b> – Inorganic Chemistry 2 Choose an item.
	<b>SOCIAL SCIENCES GENERAL ED REQUIREMENTS – Select a 3 credit course:</b> <b>ANTHR</b> 101, 102, 103, 201, <b>CJ</b> 111, <b>ECON</b> 101, 101H, 102, 102H, <b>GEOG</b> 101, <b>HSERV</b> 102, 200, <b>LIN</b> 201, <b>POLSC</b> 111, 111H, 115, <b>PSYCH</b> 101, 101H, 103, 103H, 107, 109, 110, 111, 112H, <b>SOC</b> 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> <b>ART</b> 101, 102, 103, 104, 105, 106, 107, 108, 109, 109A, 110, 111, 112, 125, 129, 130, 133, 134, 135, 137, 138, 140, 141, 147, 201, 203, 212, 265, <b>DANCE</b> 101, 102, 107, 120, 121, 205, 207, <b>FILM</b> 100, 101, 102, 130 <b>MUSIC</b> 110, 110H, 111, 120, 121, 130, 131, 132, 133, 150, 230, 231, 232, 233, <b>THEAT</b> 111, 113, 201 <b>CHINS</b> 102, <b>FREN</b> 101, 102, 201, <b>ITAL</b> 101, 102, 103, 201, 201H, 202, 202H, 250, <b>SPAN</b> 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>	

Degree Requirements	
<b>5□</b>	<b>CHEM 201</b> – Organic Chemistry 1 Choose an item.
<b>5□</b>	<b>CHEM 205</b> – Organic Chemistry 2 Choose an item.
<b>4□</b>	<b>PHYSC 111</b> – College Physics 1 Choose an item.
<b>4□</b>	<b>PHYSC 112</b> – College Physics 2 Choose an item.
	<b>OPEN ELECTIVES: 9 credits – Any college courses. MATH 161 – Precalculus recommended if needed.</b>
<b>3□</b>	
<b>3□</b>	
<b>3□</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>