

# 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: Dr. Kwesi Amoa Science Bldg. 254 Tel # (914) 606-6912 Email: [Kwesi.Amoa@sunywcc.edu](mailto:Kwesi.Amoa@sunywcc.edu)

## Developmental Courses as required based on placement scores

<input type="checkbox"/>	<b>ENG 91</b> Writing for College 1 – Score of 4 E Code 1 and below, <b>30.01</b> Choose an item.
<input type="checkbox"/>	<b>ENG 92</b> Writing for College 2 – Score of 6 E Code 2, <b>30.02</b> Choose an item.
<input type="checkbox"/>	<b>ENG 99</b> Writing Studio (with linked section of ENG 101+) - Score of 6 E Code 2, <b>30.02</b>
<input type="checkbox"/>	<b>ESL 94</b> Academic Writing 1 – Score of 5 or 6 E Code 6, <b>20.01</b> .
3 <input type="checkbox"/>	<b>ESL 122</b> Academic Writing 2 – Score of 7 E Code 7, <b>21.01</b>
<input type="checkbox"/>	<b>MATH 92</b> Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below, <b>40.01</b> Choose an
OR <input type="checkbox"/>	<b>MATH 93</b> Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below, <b>40.02</b> Choose an item.
	<b>MATH 94</b> Foundations of Mathematical Reasoning – Arithmetic score 45 and above, Elementary Algebra 54 and below, <b>40.02</b> Choose an item.
<input type="checkbox"/>	<b>READ 93</b> Foundation of College Reading – Score of 57 and below, <b>10.01</b> Choose an item.
3 <input type="checkbox"/>	<b>READ 105</b> Analytical Reading – Score of 58 and higher <b>11.01</b> 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, 112, 115, 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>ARABC</b> 101, 102, <b>CHINS</b> 102, <b>FREN</b> 101, 102, 201, <b>ITAL</b> 101, 102, 103, 201, 201H, 202, 202H, 250, <b>JAPNS</b> 101, 102, <b>RUSSN</b> 101, <b>SPAN</b> 101, 102, 103, 104, 201, 201H, 202, 202H, 203, 204, <b>ANTHR</b> 120, 210, 215H, <b>HIS</b> 119, 128, 129, 131, <b>POLSC</b> 113

3□/4□	<p><b>AMERICAN HISTORY or WESTERN CIVILIZATION GENERAL ED REQUIREMENTS – Select a 3 credit course:</b></p> <p>ART 108, 109, HIS 101, 102, 104, 106, 110, 111, 112, 121*, 133**, 134**, POLSC 102, 104, 107</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>
3□	

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

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

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