

## AS: Liberal Arts Math and Science - Biology

Curriculum Chair: Prof. Chad Thompson SCI-209 Tel # (914) 606-7829 Email: <a href="mailto:Chad.Thompson@sunywcc.edu">Chad.Thompson@sunywcc.edu</a>
Academic Dean: Dr. Kwesi Amoa Science Bldg. 254 Tel # (914) 606-6912 Email: <a href="mailto:Kwesi.Amoa@sunywcc.edu">Kwesi.Amoa@sunywcc.edu</a>

Developmental Courses as required based on placement scores					
	ENG 91 Writing for College 1 – Score of 4 E Code 1 and below, 30.01 Choose an item.				
	<b>ENG 92</b> Writing for College 2 – Score of 6 E Code 2, <b>30.02</b> Choose an item.				
	<b>ENG 99</b> Writing Studio (with linked section of ENG 101+) - Score of 6 E Code 2, <b>30.02</b>				
	ESL 94 Academic Writing 1 – Score of 5 or 6 E Code 6, 20.01.				
3□	ESL 122 Academic Writing 2 – Score of 7 E Code 7, 21.01				
	MATH 92 Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below, <b>40.01</b> Choose an				
OR 🗆	MATH 93 Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below, 40.02 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.				
	<b>READ 93</b> Foundation of College Reading – Score of 57 and below, <b>10.01</b> Choose an item.				
3□	<b>READ 105</b> Analytical Reading – Score of 58 and higher <b>11.01</b> Choose an item.				

	Core Requirements						
3□	ENG 101 – Writing and Research OR ENG 101H Choose an item.						
3□	ENG 102 – Writing and Literature OR ENG 102H Choose an item.						
4□	MATH 181 – Calculus 1 Choose an item.						
4□	MATH 191 – Calculus 2 Choose an item.						
4□	BIOL 115 – General Biology 1 Choose an item.						
4□	BIOL 117 – General Biology 2 Choose an item.						
	SOCIAL SCIENCES GENERAL ED REQUIREMENTS – Select a 3 credit course:						
	ANTHR 101, 102, 103, 201, CJ 111, ECON 101, 101H, 102, 102H, GEOG 101, HSERV 102, 200, LIN						
	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□							
	THE ARTS, FOREIGN LANGUAGE, or OTHER WORLD CIVILIZATIONS GENERAL ED						
	REQUIREMENTS – Select a 3/4 credit course:						
	<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□	
	AMERICAN HISTORY or WESTERN CIVILIZATION GENERAL ED REQUIREMENTS – Select
	a 3 credit course:
	<b>ART</b> 108, 109, <b>HIS</b> 101, 102, 104, 106, 110, 111, 112, 121*, 133**, 134**, <b>POLSC</b> 102, 104, 107
	*Students who complete this course cannot use HIS 133 or 134 to fulfill degree and/or general education
	requirements
	**Students who complete this course cannot use HIS 121 to fulfill degree and/or general education
	requirements
3□	

	Degree Requirements					
5□	CHEM 107 – Inorganic Chemistry 1 Choose an item.					
5□	CHEM 111 – Inorganic Chemistry 2 Choose an item.					
5□	CHEM 201 – Organic Chemistry 1 Choose an item.					
5□	CHEM 205 – Organic Chemistry 2 Choose an item.					
4□	MATH 140 – Statistics Choose an item.					
	OPEN ELECTIVES: 5 credits – Any college courses. MATH 161 – Precalculus recommended if needed.					
3□						
3□						

SEEN BY: Completed credits of 60 required



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Academic Plan			Completed credits		of 60 required	
		Fall/Spring		Fall/S <sub>l</sub>	pring	
Class	Credits	Class	Credits	Class	Credits	
		Fall/Spring		Fall/Spring		
Class	Credits	Class	Credits	Class	Credits	