

AS: Liberal Arts Math and Science - Mathematics

Curriculum Chair: Prof. Chad Thompson SCI-209 Tel # (914) 606-7829 Email: Chad.Thompson@sunywcc.edu
 Academic Dean: Dr. Raymond Houston TEC-106 Tel # (914) 606-6789 Email: Raymond.Houston@sunywcc.edu

Developmental Courses as required based on placement scores

<input type="checkbox"/>	ENG 91 Writing for College 1 – Score of 4 E Code 1 and below, 30.01
<input type="checkbox"/>	ENG 92 Writing for College 2 – Score of 6 E Code 2, 30.02
<input type="checkbox"/>	ENG 99 Writing Studio with linked ENG 101+ - Score of 6 E Code 2, 30.02 OR successful completion of ENG 91
<input type="checkbox"/>	ESL 94 Academic Writing 1 – Score of 5 or 6 E Code 6, 20.01 .
3 <input type="checkbox"/>	ESL 122 Academic Writing 2 – Score of 7 E Code 7, 21.01
<input type="checkbox"/>	MATH 92 Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below, 40.01
OR <input type="checkbox"/>	MATH 93 Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below, 40.02
	MATH 94 Foundations of Mathematical Reasoning – Arithmetic score 45 and above, Elementary Algebra 54 and below, 40.02
<input type="checkbox"/>	READ 93 Foundation of College Reading – Score of 57 and below, 10.01
3 <input type="checkbox"/>	READ 105 Analytical Reading – Score of 58 and higher 11.01

Core Requirements

3 <input type="checkbox"/>	ENG 101 – Writing and Research OR ENG 101H
3 <input type="checkbox"/>	ENG 102 – Writing and Literature OR ENG 102H
4 <input type="checkbox"/>	MATH 181 – Calculus 1 MATH 161 is the prerequisite.
4 <input type="checkbox"/>	MATH 191 – Calculus 2 MATH 181 is the prerequisite.
	SCIENCE: SELECT ONE OF THE FOLLOWING SCIENCE SEQUENCES: CHEM 107 & 111 OR PHYSC 121 & 122
4 <input type="checkbox"/> /5 <input type="checkbox"/>	
4 <input type="checkbox"/> /5 <input type="checkbox"/>	
	SOCIAL SCIENCES GENERAL ED REQUIREMENTS – Select a 3 credit course: ANTHR 101, 102, 102H, 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, 201, SOC 101, 101H, 102, 103, 104
3 <input type="checkbox"/>	
	THE ARTS, FOREIGN LANGUAGE, or OTHER WORLD CIVILIZATIONS GENERAL ED REQUIREMENTS – Select a 3/4 credit course: ART 101, 102, 103, 104, 105, 106, 107, 107H, 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, 112, 115, 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 ARABC 101, 102, CHINS 102, FREN 101, 102, 201, ITAL 101, 102, 103, 201, 201H, 202, 202H, 250, JAPNS 101, 102, RUSSN 101, SPAN 101, 102, 103, 104, 201, 201H, 202, 202H, 203, 204, ANTHR 120, 210, 215H, HIS 119, 128, 129, 131, POLSC 113, ENG 227

3□/4□	<p>AMERICAN HISTORY or WESTERN CIVILIZATION GENERAL ED REQUIREMENTS – Select a 3 credit course:</p> <p style="text-align: center;">ART 108, 109, HIS 101, 102, 104, 106, 110, 111, 112, 121*, 133**, 134**, POLSC 102, 104, 107</p> <p style="text-align: center;"><i>*Students who complete this course cannot use HIS 133 or 134 to fulfill degree and/or general education requirements</i></p> <p style="text-align: center;"><i>**Students who complete this course cannot use HIS 121 to fulfill degree and/or general education requirements</i></p>
3□	

Degree Requirements

4□	COMSC 101 – Computer Programming 1 Prerequisites: Reading Placement score ≥ 80 or a passing grade in READ 105 – Analytical Reading. Pre or Co-requisites: MATH 181 - Calculus 1 or higher.
4□	MATH 215 – Linear Algebra Pre requisites: MATH 191 - Calculus 2. Offered once a year.
4□	MATH 230 – Calculus 3 Pre requisites: MATH 191 - Calculus 2.
4□	MATH 240 – Differential Equations Pre requisites: MATH 191 - Calculus 2.
3□	MATH 250 – Introduction to Mathematical Proof Pre requisites: MATH 191 - Calculus 2.
	FREE ELECTIVES: 8 credits – Any College Courses
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>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>	