

AS: Liberal Arts Math and Science

Curriculum Chair: Professor Chad Thompson **Location:** SCI-209 **Telephone:** (914) 606-7829

Email: Chad.Thompson@sunywcc.edu

ADVISOR NAME:

Developmental Courses as required based on placement scores	
<input type="checkbox"/>	No Developmental Courses Required
<input type="checkbox"/>	ENG 91 Writing for College 1 – Score of 4 E Code 1 and below
<input type="checkbox"/>	ENG 92 Writing for College 2 – Score of 6 E Code 2
<input type="checkbox"/>	ESL 94 Academic Writing 1 – Score of 5 or 6 E Code 6
<input type="checkbox"/>	ESL 122 Academic Writing 2 (3 credits) – Score of 7 E Code 7
<input type="checkbox"/>	MATH 92 Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below
<input type="checkbox"/>	MATH 93 Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below OR MATH 94 Math Literacy – Arithmetic score 45 and above, Elementary Algebra 54 and below
<input type="checkbox"/>	READ 93 Foundation of College Reading – Score of 57 and below
<input type="checkbox"/>	READ 105 Analytical Reading (3 credits) – Score of 58 and higher

Core Requirements	
<input type="checkbox"/>	ENG 101 – Writing and Research
<input type="checkbox"/>	ENG 102 – Writing and Literature
MATHEMATICS¹ (MATH): Two courses	
<input type="checkbox"/>	<input type="checkbox"/>
SCIENCE² (BIOL), (CHEM), (PHYSIC): Both science courses with a Lab	
<input type="checkbox"/>	<input type="checkbox"/>
HUMANITIES: One course (3 credits) Courses include: <ul style="list-style-type: none"> ▪ Art (ART) 101, 103, 105, 108, 108A, 108B, 109, 109A, 125, 128, 129, 133, 139, 185, or 265. Additional fees and/or supplies may be required of ART classes; see catalog for details. ▪ Communications (COMM) 101, 103, 109, or 115 ▪ Dance (DANCE) 101, 102, 105, 107, 121, 205, or 207 OR A combination of three 1 credit dance classes to be chosen from DANCE 112, 115, 120, or 122 ▪ English (ENG) any ENG course EXCEPT ENG 101, 101H, 102, 102H, 124, or 222 CANNOT BE USED TO FULFILL Humanities elective. 	

¹ **Mathematics courses for this degree:** **MATH 135**-College Algebra with Trigonometry, **MATH 161**-Pre-calculus, **MATH 181**-Calculus 1, **MATH 191**-Calculus 2, **MATH 230**-Calculus 3, **MATH 240**-Differential Equations, Linear Algebra (Start at the highest level for which high school has prepared you.).

² **Science (with lab) courses for this degree:** **BIOL 115**-Gen. Biology 1 & **BIOL 117**-Gen Biology 2, **BIOL 121**-Anatomy and Physiology 1 & **BIOL 123**-Anatomy and Physiology 2, **CHEM 107**-Inorganic Chemistry 1 & **CHEM 111**- Inorganic Chemistry 2, **CHEM 201**-Organic Chemistry 1 & **CHEM 205**-Organic Chemistry 2, **PHYSIC 111**-College Physics 1 & **PHYSIC 113**-College Physics 2, **PHYSIC 121**-Engineering Physics 1 & **PHYSIC 122**- Engineering Physics 2. Both semesters of any sequence must be taken. One semester science courses are only accepted as electives.

	<ul style="list-style-type: none"> ▪ Film (FILM) 100, 101, 102, 103, 109, 113, 114H, 115H, 125, 125H, 220, 220H ▪ Foreign Language to be chosen from: ARABC, CHINS, FREN, GER, ITAL, JAPNS, RUSSN, SPAN. ITAL 104 or ITAL 105 CANNOT BE USED TO FULFILL a Foreign Language elective, but CAN BE USED TO FULFILL a Humanities elective ▪ Music (MUSIC) 100, 101, 102, 103, 111, 150, or 211 ▪ Philosophy (PHIL) 101A, 102A, 111, 150, 160, or 201H ▪ Theater (THEAT) 101, 103, 111, 113, or 201 <p>THEAT 117A is a 2 credit course which must be combined with another 1 credit approved Humanities elective.</p>
<input type="checkbox"/>	
	<p>SOCIAL SCIENCE: One course (3 credits) Courses include: History (HIS), Political Science (POLSC), Economics (ECON), and Geography (GEOG). <i>However SS 102 and SS 105 CANNOT BE USED TO FULFILL Social Science.</i></p>
<input type="checkbox"/>	
	<p>BEHAVIORAL SCIENCE: One course (3 credits) Courses include: Sociology (SOC), Psychology (PSYCH), Anthropology (ANTHR), Linguistics (ANTHR), and Geography (GEOG). <i>However SS 101 and SS 103 CANNOT BE USED TO FULFILL Behavioral Science.</i></p>
<input type="checkbox"/>	
	<p>PEC/PEH/PES: A combination of two courses (2 credits) either PEH and PES, or PEC and PES, or PEC or PEH, PEC and PEC. PEC 110 (2 credits) <i>IS THE ONLY COMBINATION COURSE THAT FULFILLS BOTH P.E. REQS.</i></p>
<input type="checkbox"/>	<input type="checkbox"/>

Degree Requirements		
	HUMANITIES/ ENGLISH/ OR COMMUNICATION ELECTIVE: One course (3 credits) See list in Core Requirements Area.	
<input type="checkbox"/>		
	BEHAVIORAL AND/OR SOCIAL SCIENCE: Two courses (6 credits) See list in Core Requirements Area.	
<input type="checkbox"/>	<input type="checkbox"/>	
	2 ADDITIONAL MATHEMATICS COURSES¹ OR 1 ADDITIONAL SCIENCE SEQUENCE²	
<input type="checkbox"/>	<input type="checkbox"/>	
	ELECTIVES: 14 credits	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>		