

# AS: Environmental Studies

**Curriculum Chair:** Prof. Michael Priano SCI-210 Tel # (914) 606-6588 Email: [Michael.Priano@sunywcc.edu](mailto:Michael.Priano@sunywcc.edu)

**Associate Dean:** Michael Olivette Science Bldg. 254 Tel # (914) 606-6912 Email: [Michael.Olivette@sunywcc.edu](mailto:Michael.Olivette@sunywcc.edu)

## 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
<input type="checkbox"/>	<b>ENG 92</b> Writing for College 2 – Score of 6 E Code 2
<input type="checkbox"/>	<b>ESL 94</b> Academic Writing 1 – Score of 5 or 6 E Code 6
3 <input type="checkbox"/>	<b>ESL 122</b> Academic Writing 2 (3 credits) – Score of 7 E Code 7
<input type="checkbox"/>	<b>MATH 92</b> Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below
<input type="checkbox"/>	<b>MATH 93</b> Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below <b>OR</b> <b>MATH 94</b> Math Literacy – Arithmetic score 45 and above, Elementary Algebra 54 and below
<input type="checkbox"/>	<b>READ 93</b> Foundation of College Reading – Score of 57 and below
3 <input type="checkbox"/>	<b>READ 105</b> Analytical Reading (3 credits) – Score of 58 and higher

## Core Requirements

3 <input type="checkbox"/>	<b>ENG 101</b> – Writing and Research Choose an item.
3 <input type="checkbox"/>	<b>ENG 102</b> – Writing and Literature Choose an item.
	<b>MATHEMATICS<sup>1</sup> (MATH): One course (3/4 credits)</b>
3 <input type="checkbox"/> /4 <input type="checkbox"/>	
4 <input type="checkbox"/>	<b>MATH 140</b> – Statistics Choose an item.
4 <input type="checkbox"/>	<b>BIOL 115</b> – General Biology 1 Choose an item.
4 <input type="checkbox"/>	<b>BIOL 117</b> – General Biology 2 Choose an item.
3 <input type="checkbox"/>	<b>ECON 102</b> – Microeconomics <b>OR</b> Choose an item.
	<b>POLSC 111</b> – Intro to World Politics Choose an item.
	<b>HUMANITIES: One course (3 credits)</b> <b>Courses include:</b> <ul style="list-style-type: none"> <li>▪ Art (<b>ART</b>) 101, 108, 109, 125</li> <li>▪ Dance (<b>DANCE</b>) 101</li> <li>▪ Film (<b>FILM</b>) 101</li> <li>▪ Foreign Language to be chosen from: <b>ARABC, CHINS, FREN, GER, ITAL, JAPNS, RUSSN, SPAN. ITAL 104 or ITAL 105 CANNOT BE USED TO FULFILL a Foreign Language elective.</b></li> <li>▪ Music (<b>MUSIC</b>) 111</li> <li>▪ Theater (<b>THEAT</b>) 111</li> </ul>
3 <input type="checkbox"/> /4 <input type="checkbox"/>	
	<b>BEHAVIORAL SCIENCE: Select one of the recommended courses (3 credits)</b> <b>ANTHR 101</b> – Cultural Anthropology, or <b>PSYCH 101</b> – General Psychology
3 <input type="checkbox"/>	

<sup>1</sup> Any college level **MATH** course.

	<b>PEC/PEH/PES:</b> A combination of two courses (2 credits) either <b>PEH</b> and <b>PES</b> , or <b>PEC</b> and <b>PES</b> , or <b>PEC</b> or <b>PEH</b> , <b>PEC</b> and <b>PEC</b> . <b>PEC 110</b> (2 credits) <i>IS THE ONLY COMBINATION COURSE THAT FULFILLS BOTH P.E. REQS.</i>		
1 <input type="checkbox"/>		1 <input type="checkbox"/>	

### Degree Requirements

4 <input type="checkbox"/>	<b>CHEM 113</b> – Principles of Inorganic Chemistry and Lab: <b>MATH 93 or higher level MATH course are the prerequisites.</b> Choose an item.		
3 <input type="checkbox"/>	<b>BIOL 143</b> – Environmental Science Choose an item.		
1 <input type="checkbox"/>	<b>BIOL 144</b> – Environmental Science Lab Choose an item.		
3 <input type="checkbox"/>	<b>BIOL 155</b> – Environmental Studies: <b>BIOL 101 or its equivalent are the prerequisites.</b> Choose an item.		
	<b>BEHAVIORAL SCIENCE: One course (3 credits) Recommended courses GEOG 101 – World Geography, or PSYCH 116<sup>2</sup> – Developmental Psychology: Lifespan</b> <b>Courses include:</b> Sociology ( <b>SOC</b> ), Psychology ( <b>PSYCH</b> ), Anthropology ( <b>ANTHR</b> ), Linguistics ( <b>ANTHR</b> ), and Geography ( <b>GEOG</b> ). <i>However SS 101 and SS 103 CANNOT BE USED TO FULFILL Behavioral Science.</i>		
3 <input type="checkbox"/>			
	<b>HUMANITIES: One course (3 credits) Recommended course PHIL 160 - Ethnicity</b>		
3 <input type="checkbox"/> / 4 <input type="checkbox"/>			
	<b>SOCIAL SCIENCE: One course (3 credits) Recommended course is HIS 112 – 20<sup>th</sup> Century United States History.</b> <b>Courses include:</b> History ( <b>HIS</b> ), Political Science ( <b>POLSC</b> ), Economics ( <b>ECON</b> ), and Geography ( <b>GEOG</b> ). <i>However SS 102 and SS 105 CANNOT BE USED TO FULFILL Social Science.</i>		
3 <input type="checkbox"/>			
	<b>ELECTIVES: Select four courses from list below (12-16 credits)</b>		
3 <input type="checkbox"/> / 4 <input type="checkbox"/>		3 <input type="checkbox"/> / 4 <input type="checkbox"/>	
3 <input type="checkbox"/> / 4 <input type="checkbox"/>		3 <input type="checkbox"/> / 4 <input type="checkbox"/>	

SEEN BY:

Completed credits

of 64 required

<b><u>Course Number:</u></b> <b>BIOL 159</b>	<b><u>Electives - choose 4 of the following:</u></b> Problems in Pollution	<b><u>Prerequisites:</u></b> Suggested BIOL 155 or BIOL 101
<b>PHYS 129</b>	Introduction to Oceanography w/lab	
<b>PHYS 143</b>	Earth Science w/Lab	
<b>PHYS 162</b>	Climate Change and our Future	
<b>PHYS 165</b>	Principles of Energy	
<b>ENG 218</b>	Literature and the Environment	<b>ENG 101 and 102</b>
<b>GEOG 110</b>	Introduction to GIS - Geographical Info Systems	<b>CIS 110</b>
<b>GLBUS 101</b>	Global Business	<b>MGT 101</b>
<b>POLSC 112H</b>	International Law and Organizations	<b>One semester of Political Science, Social Science or History, ENG 101, and 102</b>

<sup>2</sup> **PSYCH 101**- General Psychology is the pre requisite.

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Academic Plan		Completed credits		of 64 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>