Division: Arts and Humanities AAB-509 (914) 606-6963

#### Curriculum Chair

Professor Dr. Elise Martucci AAB-527

Elise.Martucci@sunywcc.edu

Telephone: (914) 606-7808

Reviewed By:		
<b>Date:</b>		
Approved By Chairperson/Dean:		

Course #	SEMESTER 1	Credits	✓
ENG 101	Composition & Literature 1	3	
	Mathematics	3-4	
	Humanities <sup>1</sup>	3	
	Behavioral	3	
	Humanities²- Language	3-4	
	PE (fitness)-	1	

Course #	SEMESTER 2	Credits	✓
ENG 102	Composition & Literature 2	3	
	Mathematics	3-4	
	Social Science	3	
	Humanities <sup>1</sup>	3	
	Liberal Arts or Free Elective-	3	
	PE (sport)-	1	

Course #	SEMESTER 3	Credits	✓
	Science & Lab-	4	
	English or Communications	3	
	Humanities <sup>1</sup> -	3	
	Behavioral or Social Science	3	
	Liberal Arts or Free Elective-	3	

Course #	SEMESTER 4	Credits	✓
	Science-	3-4	
	English or Communications	3	
	Behavioral or Social Science	3	
	Humanities <sup>1</sup>	3	
	Liberal Arts or Free Elective-	3	
	Free Electives, if necessary, to equal 64 credits		

Bold italic items are Core Requirements.

7 - 10 credits of free electives (Liberal Art preferred) may be chosen from any area of the college.

#### NOTES:

All English courses have prerequisites.

Composition & Literature 1 & 2 are prerequisites for all other English courses (except Creative Writing, Reading and Writing Poetry for which Composition and Literature I is the prerequisite).

All Communications courses receive English credit, **except** broadcasting production courses (i.e. Radio Production, TV Production 1 & 2, and all internships and newspaper production courses).

- Social Science courses include History (HIS), Political Science (POLSC), Economics (ECON) and Geography (GEOG).
- *Behavioral Science* courses include Sociology (SOC), Psychology (PSYCH), Anthropology (ANTHR) and Geography (GEOG). General Psychology is the prerequisite for all upper level psychology courses.
- *Choose ONLY those courses whose descriptions are labeled as "humanities credits" from:* ART, COMM, DANCE, ENG, MUSIC, FILM, THEAT, ARABC, CHINS, FREN, GER, ITAL, JAPNS, RUSSN, SPAN, PHIL.

<sup>&</sup>lt;sup>1</sup> Students may take no more than 6 literature credits to satisfy the Humanities requirement.

<sup>&</sup>lt;sup>2</sup> A minimum of one foreign language course, at any level, is required.

# **WCC SCIENCE COURSES**

## Science Courses with Lab

BIOL 101 – Biological Science (Lab) 4 credits	BIOL 103 –Human Biology (Lab) 4 credits
<b>BIOL 115</b> – General Biology I (Lab) 4 credits	BIOL 117 – General Biology II (Lab) 4 credits
<b>BIOL 121</b> – A & P I (Lab) 4 credits	BIOL 123 – A & P II (Lab) 4 credits
<b>BIOL 128</b> – Basics Biotech 3 credits	BIOL 129 – Basics of Biotech Lab 0 credits
BIOL 203 – Basic Micro bio (Lab) 3 credits	BIOL 221 – General Micro bio (Lab) 4 credits
CHEM 107 – Inorganic Chem I (Lab) 4 credits	CHEM 111 – Inorganic Chem II (Lab) 4 credits
<b>CHEM 113</b> – Prin. of Inorganic Chem (Lab) 4 credits	CHEM 117 – Prin. of Organic Chem (Lab) 4 credits
CHEM 127 – Intro to Forensic Science (Lab) 4 credits	CHEM 145 – Biochem of Addiction (Lab) 3 credits
CHEM 201 – Organic Chem I (Lab) 5 credits	CHEM 205 – Organic Chem II (Lab) 5 credits
PHYSC 101 – Tech Physics I (Lab) 3 credits	PHYSC 102 – Tech Physics II (Lab) 3 credits
PHYSC 111 – College Physics I (Lab) 4 credits	PHYSC 112 – College Physics II (Lab) 4 credits
PHYSC 121 – Engineering Physics I (Lab) 5 credits	PHYSC 122 – Engineering Physics II (Lab) 5 credits
PHYSC 129 – Intro to Oceanography (Lab) 4 credits	PHYSC 131 – Physics for Telecomm/Verizon 4 credits
PHYSC 143 – Earth Science (Lab) 4 credits	PHYSC 145 – Weather & Forecasting (Lab) 4 credits
PHYSC 151 – Astronomy (Lab) 4 credits	PHYSC 292 – Physical Geography (Lab) 4 credits

# Science Courses with/without Lab

<b>BIOL 143</b> – Environmental Science 3 credits	<b>BIOL 144</b> – Environmental Science Lab 1 credit
<b>BIOL 236</b> – Human Genetics 3 credits	BIOL 237 – Human Genetics Lab 1 credit

### Science Courses without Lab

<b>BIOL 155</b> – Environmental Studies 3 credits <b>BIOL 161</b> – Bio of Human Sexuality 3 credits	BIOL 159 – Problems in Pollution 3 credits CHEM 131 – Intro to Forensic Science 3 credits
PHYSC 120 – Physical Science Exploration 3 credits	PHYSC 134 – Science, Pseudoscience & Critical Thinking
PHYSC 159 – The Solar System PHYSC 165 – Principles of Energy	PHYSC 162 – Climate Change and our Future

### Science Courses for Specific Areas/ Curriculums

<b>BIOL 109C</b> – Basic A & P (and Lab) PN 4 credits	<b>BIOL 127</b> – Cross Sectional Anatomy 3 credits
BIOL 201 – Pharmacology (Respiratory Care) 3 credits	<b>BIOL 202</b> – Pharmacology (For Nurses) 3 credits
<b>BIOL 229</b> – Cardiopulmonary Pathology (Respiratory Care)	2 credits <b>BIOL 241</b> – Radiation Biology 3 credits

# **Honors Science Courses**

**BIOL 147H** – Psych bio (and Lab) Honors 4 credits **PHYSC 205H** – Cambridge Science – Honor