

Appendix 37

**Associate of Science in Science and Math: Geology at Sussex County Community College
and
Bachelor of Arts in Environmental Science & Sustainability: Earth Science Track at William
Paterson University, College of Science and Health**

<u>SCCC Courses AS</u>	<u>Credits</u>	<u>WP Equivalencies BA</u>
	<u>Semester 1</u>	
COLL 101 Foundations for Success	3	WPU1010 Will. Power
ENGL 101 English Composition I	3	ENG1100 College Writing
MATH113 Calculus I	4	MATH1600 Calculus I
GEOL101 Physical Geology	4	ENV1150 General Geology
	<u>Semester 2</u>	
ENGL 102 English Composition II	3	ENG1500 Experiences in Literature
MATH114 Calculus II	4	MATH1610 Calculus II
BIOS122 Intro to Environmental Science	4	ENV1100 Environmental Sustainability
GEOL110 Historical Geology	4	Degree Credit
	<u>Semester 3</u>	
CHEM110 College Chemistry I	4	CHEM1600 General Chemistry I
PHYS120 Physics I with Calculus	4	PHYS2600 General Physics I
COMS 110 Computer Concepts & Applications	3	CS1300 Introduction To Visual Basic
GEOG105 Cultural Geography	3	Equivalent Social Science Credit
Humanities Requirement (Recommend World Language I)	3	Equivalent World Language I Credit
	<u>Semester 4</u>	
CHEM112 College Chemistry II	4	CHEM1620 General Chemistry II
PHYS121 Physics II with Calculus	4	PHYS2610 General Physics II
Social Science Requirement	3	Equivalent Social Science Credit
GEOL Open Elective (Recommend PHYS108)	3	Degree Credit or PHYS2280 Global Energy Science and Technology
WP BA Environmental Science & Sustainability Earth Science Track (40-42 credits in the major)		
	<u>Semester 5</u>	
	3	World Language II or ASL II
	3	ENV 3010 Field Experience
	3	ENV 3170 Global Climate Change
	3	Choose an Earth Science Elective (see list below)
	3	Choose a free elective/minor course
	<u>Semester 6</u>	
	3	ENV 3600 Ecosystem Sustainability
	3	Choose an Elective Policy Course (see list below)

	3	Choose an Earth Science Elective (see list below)
	3	Choose a free elective/minor course
	<u>Semester 7</u>	
	3	Choose an Earth Science Elective (see list below)
	3	Choose an Earth Science Elective (see list below)
	3	Choose a free elective/minor course
	3	Choose a free elective/minor course
	<u>Semester 8</u>	
	3	ENV 4800 Senior Environmental Practicum
	3	Choose a free elective/minor course
	3	Choose a free elective/minor course
	3	Choose a free elective/minor course
	3	Choose a free elective/minor course
		Elective Policy Courses
		1 Course Required; 3 Credits:
		ENV 3400 Environmental Law
		ENV 3500 Energy and Sustainable Technology
		ENV 4230 Pollutions,Hazards,Impact and Risk
		PBHL 3400 Environmental Health
		Elective Earth Science Courses
		4 Courses Required; 13 to 15 Credits:
		ENV 2170 Introduction To Oceanography
		ENV 2200 Earth Through Time
		ENV 2500 Meteorology
		ENV 3750 Soils
		ENV 4700 Hydrogeology
		PHYS 1700 General Astronomy

Notes:

1. William Paterson University will accept all Associate of Arts, Associate of Science, or Associate of Fine Arts degree credits under this program-to-program articulation agreement, including up to half of the William Paterson University major required credits, from New Jersey community college students who enroll at William Paterson University
2. William Paterson University recommends students take two semesters of one foreign language at the community college. Two semesters of American Sign Language can also fulfill the foreign language requirement.
3. WP Online students should always check with their WP Online advisor and/or refer to the semester course schedule when choosing electives, as elective course offerings may vary each semester.
4. Main campus students should always check with their advisor and/or refer to the semester course schedule when choosing electives, as elective course offerings may vary each semester.