



Interamerican University of Puerto Rico
Aguadilla Campus
Department of Science Technology

Sequential Bachelor of Environmental Sciences

Effective Date: 2022

FIRST YEAR – FIRST SEMESTER

CODE	COURSE	CRS.
BIOL 1101	General Biology I (concurrent requirement BIOL 1103)	3
BIOL 1103	Biology Skills Laboratory I (concurrent requirement BIOL 1101)	1
EVSC 1110	Introduction to Environmental Science	3
GEEN 1101	English I (One of them according to the results of the College Board)	3
GEEN 1201		
GEEN 2311		
GEMA 1200	Fundamentals of Algebra	3
GESP 1101	Literature and Communication: Narrative and Poetry	3
TOTAL		16

FIRST YEAR – SECOND SEMESTER

CODE	COURSE	CRS.
BIOL 1102	General Biology II (BIOL requirement 1101 and 1103)	3
BIOL 1104	Biology Skills Laboratory II (BIOL 1101 and BIOL 1103 concurrent BIOL 1102 requirement)	1
GEEN 1102	English II (One of them according to the results of the College Board)	3
GEEN 1202		
GEEN 2312		
GEHP 3000	Integral Health and Quality of Life	3
GESP 1102	Literature and Communication: Essay and Theatre	3
TOTAL		13

SECOND YEAR – FIRST SEMESTER

CODE	COURSE	CRS.
BIOL 2104	Botany (BIOL 1102 and BIOL 1104 requirement)	3
CHEM 1111	General Chemistry I (GEMA 1200 requirement)	4
GEEN 1103 GEEN 1203 GEEN 2313	English III (One of them according to the results of the College Board)	3
GESP 2203	Literature and World View	3
MATH 1511	Pre-Calculus I (GEMA requirement 1200)	3
TOTAL		16

SECOND YEAR – SECOND SEMESTER

CODE	COURSE	CRS.
BIOL 3504	Environmental Health (GEMA 1200 and BIOL 1102 requirement)	3
BIOL 4503	Conservation and Management of Natural Resources (BIOL 3503 requirement)	3
CHEM 2212	General Chemistry I (requirement CHEM 1111 and MATH 1500 or MATH 1511)	4
GEPE 3010 GEPE 3020 GEPE 3030	Art Appreciation Music Appreciation Theatre Appreciation (Select one of three courses)	3
MATH 1512	Pre-calculus II (MATH 1511 requirement)	
TOTAL		16

THIRD YEAR – FIRST SEMESTER

CODE	COURSE	CRS.
BIOL 2103	Zoology (BIOL 1102 and BIOL 1104 requirement)	3
BIOL 3505	Environmental Laws, Policy and Regulation (BIOL 3504 requirement)	3
EVSC 3600	Waste Management (BIOL 3505 and CHEM 1111 requirement)	3
GECF 1010	Introduction to the Christian Faith	3
GEEC 2000	Entrepreneurial Culture	3
TOTAL		15

THIRD YEAR – SECOND SEMESTER

CODE	COURSE	CRS.
BIOL 3105	General Microbiology (BIOL 1102, BIOL 1104 and CHEM 1111 requirement)	4
BIOL 3503	Ecology (BIOL 2103 and BIOL 2104 or BIOL 2010 requirement)	3
EVSC 2500	Air Quality	2
EVSC 3603	Occupational Health and Safety (EVSC 3600 requirement)	3
GEPE 4040	Ethics and Social Responsibility	3
TOTAL		15

FOURTH YEAR – FIRST SEMESTER

CODE	COURSE	CRS.
ELECTIVE COURSE	Elective Course (Choose a course)	3
EVSC 4504	Water Use, Conservation and Quality (EVSC 3602 and CHEM 2212 requirements)	3
GEHS 2010	Historical Process of Contemporary Puerto Rico	3
GEIC 1010	Information and Computer Technologies	3
PHYS 3001	General Physics I (MATH 1500 or MATH 1512 requirement)	4
TOTAL		16

FOURTH YEAR – SECOND SEMESTER

CODE	COURSE	CRS.
BIOL 2153	Biostatistics (MATH 1500 or MATH 1512 and BIOL 1102 requirement)	3
CHEM 3320	Analytical Chemistry (requirement MATH 1500 or MATH 1512 and CHEM 2212)	4
EVSC 4955	Integrative Seminar (requirement to have passed 24 credits in environmental science courses)	1
GEHS 3020	Global Society	3
GEHS 3050	Human Formation, Society and Culture	
GEHS 4020	Ancient and Medieval Western Civilization	
GEHS 4030	Modern and Contemporary Western Civilization (Select one of four courses)	
PHYS 3002	General Physics II (PHYS 3001 requirement)	15
TOTAL		

REQUIREMENTS FOR THE BACHELOR

DEGREE REQUIREMENTS	CREDITS
General Education Requirements	45
Concentration requirements	74
Elective courses	3
TOTAL	122