



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
<b>TOTAL</b>		<b>16</b>

### FIRST YEAR – SECOND SEMESTER

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

**SECOND YEAR – FIRST SEMESTER**

<b>CODE</b>	<b>COURSE</b>	<b>CRS.</b>
BIOL 2104	Botany (requirement BIOL 1102 and BIOL 1104)	3
CHEM 1111	General Chemistry I (requirement GEMA 1200)	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 Vision	3
MATH 1511	Pre-calculus I (requirement GEMA 1200)	3
<b>TOTAL</b>		<b>16</b>

**SECOND YEAR – SECOND SEMESTER**

<b>CODE</b>	<b>COURSE</b>	<b>CRS.</b>
BIOL 3504	Environmental Health (requirement GEMA 1200 and BIOL 1102)	3
BIOL 4503	Conservation and Management of Natural Resources (requirement BIOL 3503)	3
CHEM 2212	General Chemistry II (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 the three courses)	3
MATH 1512	Pre-calculus II (requirement MATH 1511)	
<b>TOTAL</b>		<b>16</b>

**THIRD YEAR – FIRST SEMESTER**

<b>CODE</b>	<b>COURSE</b>	<b>CRS.</b>
BIOL 2103	Zoology (requirement BIOL 1102 and BIOL 1104)	3
BIOL 3505	Environmental Laws, Policy and Regulation (requirement BIOL 3504 or EVMA 1110)	3
EVSC 3600	Waste Management (requirement BIOL 3505 and CHEM 1111)	3
GECF 1010	Introduction to the Christian Faith	3
GEEC 2000	Entrepreneurial Culture	3
<b>TOTAL</b>		<b>15</b>

THIRD YEAR – SECOND SEMESTER

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

FOURTH YEAR – FIRST SEMESTER

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

FOURTH YEAR – SECOND SEMESTER

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

REQUIREMENTS FOR THE BACHELOR'S DEGREE

DEGREE REQUIREMENTS	CREDITS
General Education Requirements	45
Concentration requirements	74
Elective courses	3
<b>TOTAL</b>	<b>122</b>