



Interamerican University of Puerto Rico
Aguadilla Campus
Department of Science Technology

Sequential Bachelor of Natural 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
GEEN 1101 GEEN 1201 GEEN 2311	English I (One of them according to the results of the College Board)	3
GEIC 1010	Information and Computer Technologies	3
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 (requirement BIOL 1101 and 1103)	3
BIOL 1104	Biology Skills Laboratory II (requirement BIOL 1101 and BIOL 1103 concurrent BIOL 1102)	1
GEEN 1102 GEEN 1202 GEEN 2312	English II (One of them according to the results of the College Board)	3
GESP 1102	Literature and Communication: Essay and Theatre	3
GEST 2020	The Natural Environment and the Human Being	3
MATH 1511	Pre-calculus I (requirement GEMA 1200)	3
TOTAL		16

SECOND YEAR – FIRST SEMESTER

CODE	COURSE	CRS.
CHEM 1111	General Chemistry I (requirement GEMA 1200)	4
GECF 1010	Introduction to the Christian Faith	3
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 1512	Pre-calculus II (requirement MATH 1511)	3
TOTAL		16

SECOND YEAR – SECOND SEMESTER

CODE	COURSE	CRS.
CHEM 2212	General Chemistry I (requirement CHEM 1111, MATH 1500, or MATH 1511)	4
CONCENTRATION COURSE	Select a concentration course	3
CONCENTRATION COURSE	Select a concentration course	3
PHYS 3001	General Physics I (requirement MATH 1500 or MATH 1512)	4
TOTAL		14

THIRD YEAR – FIRST SEMESTER

CODE	COURSE	CRS.
CONCENTRATION COURSE	Select a concentration course	3
ELECTIVE COURSE	Elective course (Choose one course)	3
GEEC 2000	Entrepreneurial Culture	3
GEHP 3000	Comprehensive Health	3
PHYS 3002	General Physics II (requirement PHYS 3001)	3
TOTAL		16

THIRD YEAR – SECOND SEMESTER

CODE	COURSE	CRS.
CONCENTRATION COURSE	Select a concentration course	3
CONCENTRATION COURSE	Select a concentration course	3
CONCENTRATION COURSE	Select a concentration course	3
ELECTIVE COURSE	Elective Course (Choose one course)	3
GEPE 3010 GEPE 3020 GEPE 3030	Art Appreciation Music Appreciation Theatre Appreciation (Select one of three courses)	3
TOTAL		15

FOURTH YEAR – FIRST SEMESTER

CODE	COURSE	CRS.
CONCENTRATION COURSE	Select a concentration course	3
CONCENTRATION COURSE	Select a concentration course	3
CONCENTRATION COURSE	Select a concentration course	3
ELECTIVE COURSE	Elective Course (Choose a course)	3
GEPE 4040	Ethics and Social Responsibility	3
TOTAL		15

FOURTH YEAR – SECOND SEMESTER

CODE	COURSE	CRS.
CONCENTRATION COURSE	Select a concentration course	3
ELECTIVE COURSE	Elective Course (Choose a course)	3
GEHS 3020 GEHS 3050 GEHS 4020 GEHS 4030	Global Society Human Formation, Society and Culture Ancient and Medieval Western Civilization Modern and Contemporary Western Civilization (Select one of four courses)	3
GEHS 2010	Historical Process of Contemporary Puerto Rico	3
TOTAL		12

REQUIREMENT FOR THE BACHELOR

DEGREE REQUIREMENTS	CREDITS
General Education Requirements	48
Concentration requirements	30
Related requirements	30
Prescribed distributive requirements	12
TOTAL	120

CORE COURSE REQUIREMENTS

BIOL 1101 General Biology I	3
BIOL 1102 General Biology II	3
BIOL 1103 Biology Skills Laboratory I	1
BIOLL 1104 Biology Skills Laboratory II	1
MATH 1511 Pre-Calculus I	3
MATH 1512 Pre-Calculus II	3
CHEM 1111 General Chemistry I	4
CHEM 2212 General Chemistry II	4
PHYS 3001 General Physics I	4
PHYS 3002 General Physics II	4

ADDITIONAL REQUIREMENTS

Interested students must have completed a minimum of ninety (90) bachelor-level credits among general education, core, and concentration courses, which must include the following specific courses or their equivalents:

COURSE	TITLE	CREDITS
BIOL 1101	General Biology I	3
BIOL 1102	General Biology II	3
BIOL 1103	Biology Skills Laboratory I	1
BIOL 1104	Biology Skills Laboratory II	1
BIOL 2153	Biostatistics	3
BIOL 3105	General Microbiology	4
CHEM 1111	General Chemistry I	4
CHEM 2212	General Chemistry II	4
CHEM 2221	Organic Chemistry I	4
CHEM 2222	Organic Chemistry II	4
CHEM 4220	Biochemistry	4
GEEN _____	Six (6) credits in English	6
GESP _____	Six (6) credits in Spanish	6
GEHS _____	Six (6) credits in Historical and Social Context	6
GEPE _____	Six (6) credits in Philosophical and Aesthetic Thought	6
MATH 2251	Calculus I	5
PHYS 3001	General Physics I	4
PHYS 3002	General Physics II	4
PSYC 1051	General Psychology I	3