



Interamerican University of Puerto Rico
Aguadilla Campus
Education and Humanistic Studies Department
Teachers Education Program (PEM)

Secuential (BA) Secondary Education in Biology

Revised in August 2018

FIRST YEAR – FIRST SEMESTRE

CODE	COURSES	CRS.
GESP 1101	LITERATURE AND COMMUNICATION: NARRATIVE AND POETRY	3
GEEN 1101 GEEN 1201 GEEN 2311	ENGLISH (punctuation in accordance with CEEB or equivalent)	3
GEMA 1200	FUNDAMENTALS OF ALGEBRA	3
GEIC 1010	INFORMATION AND COMPUTING TECHNOLOGIES	3
GECF 1010	INTRODUCTION TO THE CHRISTIAN FAITH	3
GEHS 2010	HISTORICAL PROCESS OF CONTEMPORARY PUERTO RICO	3
EDUC 1080	FIELD EXPERIENCES IN THE EDUCATION SCENARIO I (Minim Grade B)	1
TOTAL		19

FIRST YEAR – SECOND SEMESTRE

CODE	COURSES	CRS.
GESP 1102	LITERATURE AND COMMUNICATION: NARRATIVE AND POETRY (REQUIREMENT GESP 1101)	3
GEEN 1102 GEEN 1202 GEEN 2312	ENGLISH (punctuation in accordance with CEEB or equivalent)	3
BIOL 1101	GENERAL BIOLOGY I	3
EDUC 2021	HISTORY AND PHILOSOPHY OF EDUCATION	3
MATH 1500	PRECALCULUS (GEMA 1200)	5
TOTAL		17

SECOND YEAR – FIRST SEMESTRE

CODE	COURSES	CRS.
GESP 2203	LITERATURE AND WORLD VIEW (REQUIREMENT GESP 1102)	3
GEEN 1103 GEEN 1203 GEEN 2313	ENGLISH (punctuation in accordance with CEEB or equivalent)	3
GEHP 3000	INTEGRAL HEALTH AND QUALITY OF LIFE	3
GEPE 3010 GEPE 3020 GEPE 3030	TAKE ONE OF THESE: ART APPRECIATION MUSIC APPRECIATION THEATRE APPRECIATION	3
EDUC 2022	SOCIETY AND EDUCATION	3
BIOL 1102	GENERAL BIOLOGY II (REQUIREMENT BIOL 1101)	3
GEEC 2000	ENTREPRENEURIAL CULTURE	3
TOTAL		21

SECOND YEAR – SECOND SEMESTRE

CODE	COURSES	CRS.
EDUC 2031	DEVELOPMENTAL PSYCHOLOGY	3
CHEM 1111	GENERAL CHEMISTRY I (REQUIREMENT MATH 1500)	4
BIOL 1103	BIOLOGY SKILLS LABORATORY I	1
BIOL 2104	BOTANY (REQUIREMENT BIOL 1102)	3
BIOL 3010	GENETICS (REQUIREMENT BIOL 1102 AND GEMA 1200)	3
BIOL 2103	ZOOLOGY (REQUIREMENT BIOL 1102)	3
TOTAL		17

THIRD YEAR – FIRST SEMESTRE

CODE	COURSES	CRS.
BIOL 3503	ECOLOGY (REQUIREMENT BIOL 2104 AND CHEM 1111)	3
EDUC 2890	FIELD EXPERIENCES IN THE EDUCATIONAL SCENARIOS II (Minim Grade B) (REQUIREMENT EDUC 1080, EDUC 2022 AND EDUC 2031)	2
EDUC 3013	TEACHING STRATEGIES	2
EDUC 2032	LEARNING PSYCHOLOGY (REQUIREMENT EDUC 2021 Y 2031)	3
EDUC 2060	INTEGRATION OF TECHNOLOGY IN EDUCATION (REQUIREMENT GEIG 1010)	2
BIOL 1104	BIOLOGY SKILLS LABORATORY II (REQUIREMENT BIOL 1101 AND BIOL 1103)	1
CHEM 2212	GENERAL CHEMISTRY II (REQUIREMENT MATH 1500 OR MATH 1511 AND CHEM 1111)	4
TOTAL		17

THIRD YEAR – SECOND SEMESTRE

CODE	COURSES	CRS.
EDUC 4011	EVALUATION AND ASSESSMENT (REQUIREMENT EDUC 2032)	3
GEST 2030	TECHNOLOGY AND ENVIRONMENT	3
EDUC 2870	THE EXCEPTIONAL STUDENT POPULATION	4
BIOL 3106	HUMAN ANATOMY AND PHYSIOLOGY (REQUIREMENT CHEM 2212)	4
PHYS 3001	GENERAL PHYSICS I (REQUIREMENT MATHE 1500)	4
TOTAL		18

FOURTH YEAR – FIRST SEMESTRE

CODE	COURSES	CRS.
EDUC 3015	EDUC 3015 – CLINICAL EXPERIENCES IN THE EDUCATIONAL SCENARIO I (Minim Note B) (REQUIREMENT EDUC 2890 and Clinics Experiences Coordinator or Supervisor Authorization)	2
EDUC 4050	EDUC 4050 – CURRICULUM DESIGN (REQUIREMENT EDUC 3013 AND 4011)	2
GEHS 4020	GEHS 4020 – ANCIENT AND MEDIEVAL WESTERN CIVILIZATION	3
PHYS 3002	PHYS 3002 – GENERAL PHYSICS II (REQUIREMENT PHYS 3001)	4
EDUC 3863	EDUC 3863 - INSTRUCTIONAL THEORY, METHODOLOGY AND TECHNOLOGICAL RESOURCES IN THE TEACHING OF BIOLOGY (REQUIREMENT EDUC 2031)	3
EDUC 4012	EDUC 4012 – CLASSROOM RESEARCH	2
EDUC 4551	EDUC 4551 – INTEGRATION OF BASIC KNOWLEDGE AND COMMUNICATION SKILLS	1
TOTAL		17

FOURTH YEAR – SECOND SEMESTRE

CODE	COURSES	CRS.
EDUC 40130	CLINICAL EXPERIENCES IN THE EDUCATION SCENARIO II (Minim Grade B) (Clinics Experiences Coordinator or Supervisor Authorization)	4
HIST 3010	HIST 3010 – HISTORICAL PROCESS OF THE UNITED STATES OF AMERICA	3
GEHS 4030	GEHS 4030 – MODERN AND CONTEMPORARY WESTERN CIVILIZATION	3
GEPE 4040	GEPE 4040 – ETICS AND SOCIAL RESPONSIBILITY	3
EDUC 4552	EDUC 4552 – INTEGRATION OF PROFESSIONAL SKILLS	1
ELECTIVE COURSE	ELECTIVE COURSE	3
TOTAL		17

BA REQUIREMENT

DEGREE REQUIREMENTS	CREDITS
General Education Requirements	51 credits
Specific Concentration Requirements	37 credits
Core Requirements	41 credits
Elective Courses	3 credits
TOTAL	132 credits