



INTER AMERICAN UNIVERSITY OF PUERTO RICO
GUAYAMA CAMPUS
DEPARTMENT OF ANIMAL AND AGRICULTURAL SCIENCES

Plan of Studies

BACHELOR OF SCIENCE IN ANIMAL SCIENCE WITH PRE-VETERINARY (B532)

General Education Requirements	42 credits
Related Requirements	44 credits
Major Requirements	34 credits
Elective Courses	3 credits
Total	123 credits

FIRST YEAR

First Semester		
Course Code	Course Name	Credits
VETC 1100	Introduction to Veterinary Sciences	2
BIOL 1101	General Biology I	3
BIOL 1103	Biology Skills Laboratory I	1
VETC 1120	Animal Anatomy and Physiology	3
GEMA 1200	Fundamentals of Algebra	3
GEEN 1101	English as a Second Language I: Oral Communication	3
GEIC 1010	Information and Computing Technologies	3
	Total	18
Second Semester		
Course Code	Course Name	Credits
CHEM 1111	Chemistry I	4
VETC 2200	Farm Animals	3
VETC 2202	Clinical Laboratory	2
VETC 2220	Veterinary Nursing	3
GEEN 1102	English as a Second Language II: Reading	3
	Total	15

SECOND YEAR

First Semestre		
Course Code	Course Name	Credits
VETC 2201	Parasitology and Microbiology	3
VETC 2213	Laboratory Animals	2
VETC 2210	Pharmacology and Toxicology	3
GESP 1101	Literature and Communication: Narrative and Poetry	3
GESH 2010	Historical Process of the Contemporary Puerto Rico	3
GECF 1010	Introduction to the Christian Faith	3
	Total	17
Second Semester		
Course Code	Course Name	Credits
VETC 2240	Radiology	3
VETC 2910	Veterinary Technical Practice	2
GESP 1102	Literature and Communication: Narrative and Poetry	3
VETC 2250	Anesthesia and Surgery	3
VETC 2255	Common Diseases in Domestic Animals	3
VETC 2970	Seminar	1
	Total	15



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THIRD YEAR

First Semester		
Course Code	Course Name	Credits
PHYS 3001	General Physics I	4
BIOL 1102	General Biology II	3
BIOL 1104	Biology Skills Laboratory II	1
MATH 1500	Precalculus	5
GEPE 3010 GEPE 3020 GEPE 3030	CHOOSE ONE (1): Art Appreciation Music Appreciation Theatre Appreciation	3
Total		16
Second Semester		
Course Code	Course Name	Credits
CHEM 2212	General Chemistry II	4
GEEC 2000	Entrepreneurial Culture	3
BIOL 3105	General Microbiology	4
CHEM 4220	Biochemistry	4
Total		15

FOURTH YEAR

First Semester		
Course Code	Course Name	Credits
CHEM 2221	Organic Chemistry I	4
GESP 2203	Literature and World View	3
BIOL 2153	Biostatistics	3
VETC 4970	Integration Seminar	1
GEEN 1103	English as a Second Language III: Writing	3
Total		14
Second Semester		
Course Code	Course Name	Credits
CHEM 2222	Organic Chemistry II	4
Directed elective	SELECT A COURSE (1):	3
BIOL 4604 BIOL 3010	Cellular and Molecular Biology Genetics	
GEHS 3020 GEHS 3050 GEHS 4020 GEHS 4030	CHOOSE ONE (1): Global Society Human Formation, Society, and Culture Ancient and Medieval Western Civilization Modern and Contemporary Western Civilization	3
GEPE 4040	Ethics and Social Responsibility	3
Total		13