

INTER AMERICAN UNIVERSITY OF PUERTO RICO
METROPOLITAN CAMPUS
SCIENCE AND TECHNOLOGY FACULTY
BACHELLOR OF SCIENCE IN BIOMEDICAL SCIENCES
(787)-250-1912 ext. 2323
<http://www.metro.inter.edu/facultad/cientecnoologia/index.htm>

NAME: _____

CODE 263

IDENTIFICACION NUMBER: _____

General Education Requirements	45
Major Requirements	56
Prescribed Distributive Requirements	12
Elective Courses	6
Total	119

Three (3) courses in English in the established sequence and level are required for a total of nine (9) credits. Students will be placed in English courses based on their score on the English examination of the College Board (or its equivalent).	
Elementary level (up to 450)	GEEN 1101, 1102, 1103
Intermediate (451-599)	GEEN 1201, 1202, 1203
Advanced (600 or above)	GEEN 2311, 2312, 2313

Three (3) courses in Spanish in the established sequence are required for a total of nine (9) credits. The courses GESP 1101, 1102, and 2203 will be supported by an open laboratory (virtual). For students whose native language is not Spanish, GESP 1021, 1022, and 2023 are the required courses. These courses will be supported by an open language and/or virtual laboratory.	
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FIRST YEAR

Summer				
Code	Description	Cr.	Req.	Grade
GEIC 1010	Information and Computer Literacy	3		
Total		3		

First Trimester				
Code	Description	Cr.	Req.	Grade
BIOL 1101	Modern Biology I	3		
GESP _____	Spanish I	3		
GEMA 1200	Fundamentals of Algebra	3		
*GEEN (1101 or 1201 or 2311)	English I	3		
Total		12		

Second Trimester				
Code	Description	Cr.	Req.	Grade
BIOL 1102	Modern Biology II	3	BIOL 1101	
GEHP 3000	Well-being and Quality of Life	3		
*GEEN (1102 or 1202 or 2312)	English II	3	GEEN (1101 or 1201 or 2311)	
BIOL 1103	Skills Laboratory I	1		
GESP _____	Spanish II	3		
Total		13		

Third Trimester				
Code	Description	Cr.	Req.	Grade
GEHS 2010	Historical Process of Puerto Rico	3		
MATH 1500	Precalculus**	5	GEMA 1200	
*GEEN (1103 or 1203 or 2313)	English III	3	GEEN (1102 or 1202 or 2312)	
GESP _____	Spanish III	3		
Total		14		

** MATH 1511 Precalculus I y MATH 1512 Precalculus II can be take instead

***A concurrent laboratory section is required with this course.

SECOND YEAR

First Trimester				
Code	Description	Cr.	Req.	Grade
BMSC 2210	Human Genetics	3	BIOL 1102	
CHEM 1111	General Chemistry I***	4	GEMA 1200	
GEPE 2020	One of the following: •Humanistic Studies •Art Appreciation •Music Appreciation	3		
GEPE 3010				
GEPE 3020				
GECF 1010	Introduction to the Christian Faith	3		
Total		13		

Second Trimester				
Code	Description	Cr.	Req.	Grade
_____	Prescribed Distributive	3		
BIOL 3105	General Microbiology	4	MATH 1500 BIOL 1102	
GEHS 2020	One of the following: Global Vision of Economics Global Society Human Formation and Contemporary Society The Individual, Society and Culture Ancient and Medieval Western Civilization Modern and Contemporary Western Civilization	3		
GEHS 3020				
GEHS 3030				
GEHS 3040				
GEHS 4020				
GEHS 4030				
CHEM 2212	General Chemistry II***	4	MATH 1500 CHEM 1111	

Third Trimester				
Code	Description	Cr.	Req.	Grade
_____	Prescribed Distributive	3		
CHEM 2221	Organic Chemistry I***	4	CHEM 1111	
GEHS 2020	One of the following: Global Vision of Economics Global Society Human Formation and Contemporary Society The Individual, Society and Culture Ancient and Medieval Western Civilization Modern and Contemporary Western Civilization	3		
GEHS 3020				
GEHS 3030				
GEHS 3040				
GEHS 4020				
GEHS 4030				
_____	Elective Course	3		

Total	14	
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BIOL 2013	Skills Laboratory II	1	BIOL 1103 CHEM 1111	
Total		14		

THIRD YEAR

First Trimester				
Code	Description	Cr.	Req.	Grade
BMSC 3011	Anatomy and Human Physiology I***	3	BIOL 1102	
CHEM 2222	Organic Chemistry II***	4	CHEM 2221	
_____	Elective Course	3		
_____	Prescribed Distributive	3		
Total		13		

Second Trimester				
Code	Description	Cr.	Req.	Grade
_____	Prescribed Distributive	3		
PHYS 3001	General Physics I***	4	MATH 1500	
BMSC 3012	Anatomy and Human Physiology II***	3	BMSC 3011	
GEPE 4040	Ethical Dimensions of Contemporary Matters	3		
Total		13		

Third Trimester				
Code	Description	Cr.	Req.	Grade
PHYS 3002	General Physics II***	4	PHYS 3001	
BMSC 4015	Biochemistry of Human Physiology	3	CHEM 2222	
BMSC 4020	Biomedical Ethics	3	Must have completed 24 credits in the area of Biomedical Sciences.	
Total		10		

Prescribed Distributive Requirements ----12 credits

Code	Description	Cr.	Req.	Grade
BIOL 2153	Biostatistics	3	MATH 1500 BIOL 1102	
BIOL 3405	Immunology***	3	BIOL 3105	
BIOL 4305	Medical Microbiology***	3	BIOL 3105	
BIOL 4405	Embryology***	3	BIOL 3106	
BIOL 4494	Pharmacology	3	BIOL 3106 or CHEM 2222	
BIOL 4604	Cellular and Molecular Biology	3	BIOL 2155 CHEM 2221	

Code	Description	Cr.	Req.	Grade
BIOL 4905	Pathology	3	BIOL 3106 or BIOL 4407 or BMSC 3012	
CHEM 3320	Analytical Chemistry***	4	CHEM 2212	
ENGL 2076	Reading and Writing in Technical Texts	3		
ENGL 3030	Technical-Scientific Writing in Sciences	3		
MATH 2251	Calculus I	5	MATH 1500	

***A concurrent laboratory section is required with this course.