

ACADEMIC DIVISION OF HEALTH SCIENCES			
Degree: BACHELOR Credits: 123		CURRICULUM	
Program: NUTRITION SCIENCES			
Description: The curriculum consists of 123 credits with a focus on the utilization of food for human growth and metabolism, in both normal and dysfunctional states. Includes instruction in food science, biochemistry, and food and nutrition studies. The program is designed for students who expect to pursue advanced degrees in nutritional sciences or professional degrees in medicine, dentistry, or public health.			
Course Code	Course Title	Credits	Requisites
General Education Courses			
BIOL 103	Survey of Biological Sciences	3	
ENGL 152	Fundamental of Reading and Writing	3	
FSHS 105	Freshman Seminar in Health Sciences	3	
HUMA 111	Civilizations and Universal Culture I	3	
SPAN 152	Fundamentals of Reading and Writing	3	
ENGL 153	Advanced Communicative English	3	ENGL 152
MATH 120	Elementary Algebra	3	
SOSC 111	Individual, Community, Government and Social Responsibility I	3	
SPAN 250	Writing Techniques	3	SPAN 152
ENGL 231	Research and Writing	3	ENGL 153
PSYC 123	Survey Course in Psychology	3	SOSC 111
HIST 253	History of Puerto Rico (Compendium)	3	HUMA 111
		36	
Core Course			
CHEM 224	Fundamentals of General Chemistry	3	BIOL 103, coreq. CHEM 224L
CHEM 224L	Fundamentals of General Chemistry Laboratory	1	BIOL 103, coreq. CHEM 224
BIOL 303	Human Biology I	3	BIOL 103, coreq. BIOL 303L
BIOL 303L	Human Biology I Laboratory	1	BIOL 103, coreq. BIOL 303
CHEM 225	Fundamentals of Organic Chemistry	3	CHEM 224, CHEM 224L, coreq. CHEM 225 L
CHEM 225L	Fundamentals of Organic Chemistry Laboratory	1	CHEM 224, CHEM 224L, Coreq. CHEM 225
HESC 360	Statistics Applied to Health Sciences	3	MATH 120
BIOL 301	Food Microbiology	3	CHEM 225, CHEM 225L
BIOL 304	Human Biology II	3	BIOL 303, BIOL 303L, coreq. BIOL 304L
BIOL 304L	Human Biology II Laboratory	1	BIOL 303, BIOL 303L, coreq. BIOL 304
BIOL 350	Biochemistry	3	CHEM 225, CHEM 225L
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Course Code	Course Title	Credits	Requisites
Concentration Course			
NUTR 201	Introduction to Nutrition	4	BIOL 103, BIOL 303, CHEM 224, CHEM 225
NUTR 310	Foodservice System Management	4	NUTR 201
NUTR 420	Nutritional Assessment	3	NUTR 201, BIOL 304, BIOL 304 L
NUTR 202	Food Science	3	NUTR 201, BIOL 301, Co-req. NUTR 202L
NUTR 202L	Food Science Laboratory	1	NUTR 201, BIOL 301, Co-req. NUTR 202
MSNT 540	Nutritional Problems; a global perspective	3	
NUTR 403	Advanced Nutrition & Metabolism	3	NUTR 420, BIOL 350
NUTR 405	Nutrition throughout the Life Cycle	3	NUTR 420
NUTR 425	Community Nutrition	3	NUTR 420
NUTR 205	Nutrition in Sports and Exercise	2	NUTR 420
NUTR 305	Sociocultural Aspects in Nutrition	2	NUTR 425
NUTR 320	Foodservice Facility Design and Equipment	3	NUTR 310
NUTR 440	Medical Nutrition Therapy I	4	NUTR 403, NUTR 405
NUTR 460	Purchasing and Preparation of Quantity Foodservice	3	NUTR 202, NUTR 202 L, NUTR 310
NUTR 203	Nutrigenomics-Nutrigenetics	2	
NUTR 321	Institutional Menu Planning	3	NUTR 320, NUTR 460, Co-req. NUTR 321L
NUTR 321L	Institutional Menu Planning Laboratory	1	NUTR 320, NUTR 460, Co-req. NUTR 321
NUTR 435	Educational Strategies in Nutrition	3	NUTR 425
NUTR 441	Medical Nutrition Therapy II	4	NUTR 440
NUTR 451	Nutritional Research Methods	2	NUTR 420, HESC 360
NUTR 438	Weight Management	3	
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Elective Course - 3cdts			
NUTR 204	Vegetarian Nutrition	3	

Minimum GPA of 2.0 in all concentration courses / Minimum graduation GPA of 2.0 Rev. August 2016

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Program: NUTRITION SCIENCES			
Course Code	Course Title	Credits	Requisites
FIRST YEAR – FIRST SEMESTER			
BIOL 103	Survey of Biological Sciences	3	
ENGL 152	Fundamental of Reading and Writing	3	
FSHS 105	Freshman Seminar in Health Sciences	3	
HUMA 111	Civilizations and Universal Culture I	3	
SPAN 152	Fundamentals of Reading and Writing	3	
		15	
FIRST YEAR –SECOND SEMESTER			
CHEM 224	Fundamentals of General Chemistry	3	BIOL 103, coreq. CHEM 224L
CHEM 224L	Fundamentals of General Chemistry Laboratory	1	BIOL 103, coreq. CHEM 224
ENGL 153	Advanced Communicative English	3	ENGL 152
MATH 120	Elementary Algebra	3	
SOSC 111	Individual, Community, Government and Social Responsibility I	3	
SPAN 250	Writing Techniques	3	SPAN 152
		16	
SECOND YEAR – FIRST SEMESTER			
BIOL 303	Human Biology I	3	BIOL 103, coreq. BIOL 303L
BIOL 303L	Human Biology I Laboratory	1	BIOL 103, coreq. BIOL 303
CHEM 225	Fundamentals of Organic Chemistry	3	CHEM 224, CHEM 224L, coreq. CHEM 225 L
CHEM 225L	Fundamentals of Organic Chemistry Laboratory	1	CHEM 224, CHEM 224L, Coreq. CHEM 225
ENGL 231	Research and Writing	3	ENGL 153
HESC 360	Statistics Applied to Health Sciences	3	MATH 120
		14	
SECOND YEAR- SECOND SEMESTER			
BIOL 301	Food Microbiology	3	CHEM 225, CHEM 225L
BIOL 304	Human Biology II	3	BIOL 303, BIOL 303L, coreq. BIOL 304L
BIOL 304L	Human Biology II Laboratory	1	BIOL 303, BIOL 303L, coreq. BIOL 304
NUTR 201	Introduction to Nutrition	4	BIOL 103, BIOL 303, CHEM 224, CHEM 225
BIOL 350	Biochemistry	3	CHEM 225, CHEM 225L

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Course Code	Course Title	Credits	Requisites
THIRD YEAR- FIRST SEMESTER			
PSYC 123	Survey Course in Psychology	3	SOSC 111
HIST 253	History of Puerto Rico (Compendium)	3	HUMA 111
NUTR 310	Foodservice System Management	4	NUTR 201
NUTR 420	Nutritional Assessment	3	NUTR 201, BIOL 304, BIOL 304 L
		13	
THIRD YEAR- SECOND SEMESTER			
NUTR 202	Food Science	3	NUTR 201, BIOL 301, Co-req. NUTR 202L
NUTR 202L	Food Science Laboratory	1	NUTR 201, BIOL 301, Co-req. NUTR 202
MSNT 540	Nutritional Problems; a global perspective	3	
NUTR 403	Advanced Nutrition & Metabolism	3	NUTR 420, BIOL 350
NUTR 405	Nutrition throughout the Life Cycle	3	NUTR 420
NUTR 425	Community Nutrition	3	NUTR 420
		16	
FOURTH YEAR- FIRST SEMESTER			
NUTR 205	Nutrition in Sports and Exercise	2	NUTR 420
NUTR 305	Sociocultural Aspects in Nutrition	2	NUTR 425
NUTR 320	Foodservice Facility Design and Equipment	3	NUTR 310
NUTR 440	Medical Nutrition Therapy I	4	NUTR 403, NUTR 405
NUTR 460	Purchasing and Preparation of Quantity Foodservice	3	NUTR 202, NUTR 202 L, NUTR 310
NUTR 203	Nutrigenomics-Nutrigenetics	2	
		16	
FOURTH YEAR- SECOND SEMESTER			
NUTR 321	Institutional Menu Planning	3	NUTR 320, NUTR 460, Co-req. NUTR 321L
NUTR 321L	Institutional Menu Planning Laboratory	1	NUTR 320, NUTR 460, Co-req. NUTR 321
NUTR 435	Educational Strategies in Nutrition	3	NUTR 425
NUTR 441	Medical Nutrition Therapy II	4	NUTR 440
NUTR 451	Nutritional Research Methods	2	NUTR 420, HESC 360
NUTR 438	Weight Management	3	
		16	
ELECTIVE (3 CREDITS)			
NUTR 204	Vegetarian Nutrition	3	