

ACADEMIC OF HEALTH SCIENCES			
Degree: BACHELOR OF SCIENCES		CURRICULUM	
Credits: 132			
Program: NUTRITION AND DIETETICS			
Description: The Bachelor of Science in Nutrition and Dietetics aims to prepare experts in the area of food and nutrition qualified to interpret and apply scientific knowledge of nutrition planning, organizing, developing and managing programs for health promotion and prevention of chronic health conditions as well as research, study and solution of nutrition problems in individuals and groups. This program is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND).			
Course Code	Course Title	Credits	Requisites
General Education Courses			
BIOL 103	Survey of Biological Sciences	3	
ENGL 152	Fundamentals of Reading and Writing	3	
ENGL 153	Advanced Communicative English	3	ENGL 152
ENGL 231	Research and Writing	3	ENGL 153
FSHS 105	Freshman Seminar in Health Sciences	3	
HIST 253	History of Puerto Rico (Compendium)	3	
HUMA 111	Civilizations and Universal Culture I	3	
MATH 120	Introductory Algebra	3	
PSYC 123	Survey Course in Psychology	3	
SOSC 111	Individual, Community, Government and Social Responsibility I	3	
SPAN 152	Fundamentals of Reading and Writing	3	
SPAN 250	Writing Techniques	3	SPAN 152
		36	
Core Courses			
BIOL 303	Human Biology I	3	BIOL 103, Co-req. BIOL 303L
BIOL 303L	Human Biology Laboratory I	1	BIOL 103, Co-req. BIOL 303
BIOL 304	Human Biology II	3	BIOL 303, BIOL 303L Co-req. BIOL 304L
BIOL 304L	Human Biology Laboratory II	1	BIOL 303, BIOL 303L Co-req. BIOL 304
BIOL 301	Food Microbiology	3	CHEM 225, CHEM 225L
BIOL 350	Biochemistry	3	CHEM 225, CHEM 225L
CHEM 224	Fundamentals of General Chemistry	3	BIOL 103, Co-req. CHEM 224L
CHEM 224L	Laboratory of Fundamentals of General Chemistry	1	BIOL 103, Co-req. CHEM 224
CHEM 225	Fundamentals of Organic and Biological Chemistry	3	CHEM 224, CHEM 224L Co-req. CHEM 225L
CHEM 225L	Laboratory of Fundamentals of Organic Chemistry	1	CHEM 224, CHEM 224L Co-req. CHEM 225
HESC 360	Statistics Applied to Health Sciences	3	MATH 120
		25	

Course Code	Course Title	Credits	Requisites
Concentration Courses			
NUTR 201	Introductory Nutrition	4	BIOL 103, BIOL 303, CHEM 224, CHEM 225, CHEM 225L
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
NUTR 204	Vegetarian Nutrition	3	NUTR 201, 202, 202L
NUTR 205	Nutrition in Sports and Exercise	2	NUTR 420
NUTR 206	Nutrition in Alternative & Complementary Medicine	2	NUTR 201
NUTR 305	Sociocultural Aspects in Nutrition	2	NUTR 425
NUTR 310	Foodservice System Management	4	NUTR 201
NUTR 320	Foodservice Facility Design and Equipment	3	NUTR 310
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 403	Advanced Nutrition & Metabolism	3	NUTR 420, BIOL 350
NUTR 405	Nutrition throughout the Life Cycle	3	NUTR 420
NUTR 420	Nutritional Assessment	3	NUTR 201, BIOL 304, BIOL 304L
NUTR 425	Community Nutrition	3	NUTR 420
NUTR 435	Educational Strategies in Nutrition	3	NUTR 425
NUTR 436	Foodservice Practice Experience	3	NUTR 201, 202, 310, 320, 321, 321L, 460, 440, 441
NUTR 440	Medical Nutrition Therapy I	4	NUTR 403, NUTR 405
NUTR 441	Medical Nutrition Therapy II	4	NUTR 440
NUTR 442	Medical Nutrition Therapy Practice Experience	3	NUTR 201, 405, 420, 435, 441, 451, 403, 436, 450
NUTR 450	Community Practice Experience	3	NUTR 201, 305, 405, 420, 425, 435, 440, 441, 451, 436
NUTR 451	Nutritional Research Methods	2	NUTR 420, HESC 360
NUTR 455	Integration Sem. & Fund. Aspects in Nutrition Dietetic Profession	3	NUTR 440
NUTR 460	Purchasing and Preparation of Quantity Foodservice	3	NUTR 202, NUTR 202L, NUTR 310
		68	
Elective Courses			
ELEC _____	Elective	3	

Effective in August 2016, all of the concentration courses have a minimum grade requirement of "B".

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Degree: BACHELOR OF SCIENCES		PLAN OF STUDY	
Credits: 132			
Program: NUTRITION AND DIETETICS			
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, Co-req. CHEM 224L
CHEM 224L	Laboratory of Fundamentals of General Chemistry	1	BIOL 103, Co-req. CHEM 224
ENGL 153	Advanced Communicative English	3	ENGL 152
MATH 120	Introductory 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, Co-req. BIOL 303L
BIOL 303L	Human Biology Laboratory I	1	BIOL 103, Co-req. BIOL 303
CHEM 225	Fundamentals of Organic and Biological Chemistry	3	CHEM 224, CHEM 224L Co-req. CHEM 225L
CHEM 225L	Laboratory of Fundamentals of Organic Chemistry	1	CHEM 224, CHEM 224L Co-req. 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 Co-req. BIOL 304L
BIOL 304L	Human Biology Laboratory II	1	BIOL 303, BIOL 303L Co-req. BIOL 304
NUTR 201	Introduction to Nutrition	4	BIOL 103, BIOL 303, CHEM 224, CHEM 224L, CHEM 225, CHEM 225L
BIOL 350	Biochemistry	3	CHEM 225, CHEM 225L
		14	

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 304L
		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
NUTR 206	Nutrition in Alternative & Complementary Medicine	2	NUTR 201
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
		15	
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 202L, NUTR 310
NUTR 451	Nutritional Research Methods	2	NUTR 420, HESC 360
		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 455	Integration Seminar and Fundamentals Aspects in Nutrition-Dietetics Profession & Comprehensive Test	3	NUTR 440
		14	
FIFTH YEAR – FIRST SEMESTER			
NUTR 436	Foodservice Practice Experience	3	NUTR 201, 202, 310, 320, 321, 321L, 460, 440, 441
NUTR 204	Vegetarian Nutrition	3	NUTR 201, 202, NUTR 202L
		6	
FIFTH YEAR- SECOND SEMESTER			
NUTR 450	Community Practice Experience	3	NUTR 201, 305, 405, 420, 425, 435, 440, 441, 451, 436
ELEC _____	Elective	3	
		6	
SIXTH YEAR- FIRST SEMESTER			
NUTR 442	Medical Nutrition Therapy Practice Experience	3	NUTR 201, 405, 420, 435, 441, 451, 403, 436, 450
		3	