

Bachelor of Science (BS) Nutritional Sciences

Approved

Concentration Food Technology and Management

			Concentration Food Techn				Address I Notes
		H Course #	Course Title	Min. Grade	ĞEC	Prerequisite	Additional Notes
		4 BIOL 1406 or BIOL 1487	General Biology I (H)				
		4 BIOL 2401	Anatomy and Physiology I/Lab				
FALL		3 MATH 1343 or MATH 1388	Introduction to Biostatistics (H)		030		See General Education Core for more details
		3 HRPT 2303	Medical Terminology				Satisfies Major-Specific Requirement.
		3 NUTR 2351	Introduction to Clinical Nutrition				Satisfies Major-Specific Requirement.
		UNIV 1301	Learning Framework				Only if required, based on ACT/SAT and high school rank.
AR		17 Semester Total Hour	S				
T YE		3 CHEM 1311	General Chemistry I				
FIRST		1 CHEM 1111	General Chemistry I Lab				
F		4 BIOL 1407 or BIOL 148	8 General Biology II (H)				Satisfies Major-Specific Requirement.
SPR		4 BIOL 2402	Anatomy and Physiology II/Lab			BIOL 2401.	Satisfies Major-Specific Requirement.
		4 NUTR 2401	Food and Clinical Pathogens				Satisfies Major-Specific Requirement.
		16 Semester Total Hour	S				
		3 CHEM 1312	General Chemistry II			CHEM 1311.	
		1 CHEM 1112	General Chemistry II Lab				
2		3 CHEM 2323	Organic Chemistry I				
SUMMER		1 CHEM 2123	Organic Chemistry Lab I				
•		8 Semester Total Hour	S				
	!	H Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
		3 PSYC 2301 or ANTH 235	General Psychology or Introduction to Cultural Anthropology Introduction to Philosophy; Ethics, Happiness and	Grade	080		See General Education Core for course options.
		3 PHIL 1301, PHIL 1310, o	the Good Life; or Philosophy and History of Science and Technology		040		See General Education Core for course options.
		3 Choose 1	Communication (Core)	С	010	For all 010 courses: Satisfactory scores on ENGL portion of ACT test or TSI reading/writing exams or ENGL 0301. For ENGL 1302/1388, a grade of "C" or better in ENGL 1301/1387.	See General Education Core for more details Options: ENGL 1301 or ENGL 1387 (H)
YR.	П	3 CHEM 3320	Nutritional and Exercise Biochemistry				Satisfies Major-Specific Requirement.
) YEAR		1 CHEM 3120	Nutritional and Exercise Biochemistry Lab				Satisfies Major-Specific Requirement.
SECOND		2 NUTR 3201	Phytochemicals and Herbal Medicine and Nutrition	1			Satisfies Major-Specific Requirement.
S		3 NUTR 2315	Introduction to Veterinary Nutrition				Satisfies Major-Specific Requirement.
		18 Semester Total Hour	S				
		4 NUTR 3452	Food Preparation				Satisfies Major-Specific Requirement.
G		3 IPCP 3320	Foundations of Interprofessional Education				Satisfies Major-Specific Requirement.
SPRING		3 Choose 1	Communication (Core)	С	010	For all 010 courses: Satisfactory scores on ENGL portion of ACT test or TSI reading/writing exams or ENGL 0301. For ENGL 1302/1388, a grade of "C" or better in ENGL 1301/1387.	See General Education Core for more details Options: ENGL 1302 or ENGL 1388 (H) or ENGL 1305
		3 Choose 1	Integrative and Experiential Learning		090		See General Education Core for course options. Options: COMM 1311; CSCI 1380
		13 Semester Total Hour	<u></u>				

CORE: The 2018-2019 list of core courses can be found at: www.utrgv.edu > Academics > Undergraduate > General Education Core www.utrgv.edu/core

Symbols Key

Critical ('!'): sequence sensitive course.

Minimum Grade: A - Excellent; B - Good; C - Satisfactory; D - Below Average; CR - Credit; P - Passing; S - Satisfactory.

General Education Core (GEC) Sections: 010 - Communication; 020 - Mathematics; 030 - Language Proficiency Requirement: Student is required to demonstrate Life and Physical Sciences; 040 - Language, Philosophy & Culture; 050 - Creative Arts; 060 - language proficiency in a language other than English at the undergraduate American History; 070 - Government/Political Science; 080 - Social and Behavioral Sciences; 090 - Applied Communication and Literacies; 090 - Humanities; 090 - Leadership; 090 - Science Labs; 090 - Interdisciplinary; 090 - Technologies; 090 - Language Diversity & Writing.

level equivalent to a minimum of six credits.

	!	Н	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
		3	Choose 1	American History (Core)		060		See General Education Core for more details Options: HIST 1301 or HIST 1387 or HIST/MASC 2327(H)
		3	Choose 1	Government/Political Science (Core)		070		See General Education Core for more details Options: POLS 2305 or POLS 2385 (H)
	FALL	3	CHEM 2301	Analytical Chemistry				Satisfies Major-Specific Requirement
A.R.		1	CHEM 2101	Analytical Chemistry Lab				Satisfies Major-Specific Requirement
THIRD YEAR		3	NUTR 3350	Integrative Nutrition and Nutrigenomics				Satisfies Major-Specific Requirement
		13 9	Semester Total Hour	S				
Ė		1	NUTR 3102	Functional Foods and Nutraceuticals				Satisfies Major-Specific Requirement
	5	3	NUTR 4357	Research Methods in Nutrition				Satisfies Major-Specific Requirement
	SPRING	4	NUTR 3456	Experimental Foods Lecture and Lab				Satisfies Major-Specific Requirement
	• ·	4	NUTR 3454	Food Systems Management				Satisfies Major-Specific Requirement
		3	PHARM 3300	Introduction to Pharmacology				Satisfies Major-Specific Requirement
		15 9	Semester Total Hours					
	!	Н	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes
		3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.
		2	Choose 1 NUTR 3255	Creative Arts (Core) Multicultural Foods		050		See General Education Core for course options. Satisfies Major-Specific Requirement
	FALL	++				050		
YEAR		2	NUTR 3255	Multicultural Foods		050		Satisfies Major-Specific Requirement
111		2 3 2	NUTR 3255 NUTR 3301	Multicultural Foods Advanced Veterinary Nutrition Introduction to Community Nutrition		050		Satisfies Major-Specific Requirement Satisfies Major-Specific Requirement
FOURTH YEAR		2 3 2	NUTR 3255 NUTR 3301 NUTR 4259	Multicultural Foods Advanced Veterinary Nutrition Introduction to Community Nutrition		050		Satisfies Major-Specific Requirement Satisfies Major-Specific Requirement
111		2 3 2 10 5	NUTR 3255 NUTR 3301 NUTR 4259 Semester Total Hours	Multicultural Foods Advanced Veterinary Nutrition Introduction to Community Nutrition				Satisfies Major-Specific Requirement Satisfies Major-Specific Requirement Satisfies Major-Specific Requirement See General Education Core for more details
111		2 3 2 10 5 3	NUTR 3255 NUTR 3301 NUTR 4259 Semester Total Hours Choose 1	Multicultural Foods Advanced Veterinary Nutrition Introduction to Community Nutrition S American History (Core)		060		Satisfies Major-Specific Requirement Satisfies Major-Specific Requirement Satisfies Major-Specific Requirement See General Education Core for more details Options: HIST 1302 or HIST 1388 or HIST/MASC 2328(H) See General Education Core for more details
111		2 3 2 10 5 3	NUTR 3255 NUTR 3301 NUTR 4259 Semester Total Hours Choose 1 Choose 1	Multicultural Foods Advanced Veterinary Nutrition Introduction to Community Nutrition S American History (Core) Government/Political Science (Core)		060		Satisfies Major-Specific Requirement Satisfies Major-Specific Requirement Satisfies Major-Specific Requirement See General Education Core for more details Options: HIST 1302 or HIST 1388 or HIST/MASC 2328(H) See General Education Core for more details Options: POLS 2306 or POLS 2386 (H)

Admission requirements

Admission to the program is determined by a minimum High school GPA of 3.0 on a 4.0 scale with no additional criteria required. Students who have completed college levl courses should have a minimum GPA of 2.7 in DIET/ NUTR, Biology, Chemistry, and Mathematics courses required in the program. With the exception of a minimum GPA, the program is open enrollment and program capacity willonly be limited by personnel availability and laboratory space. Deadline to apply to the program will be April 30th of each year.

Progression requirements

Students will have to maintain a grade of "C" or above in all the major requirement courses to remain in the program. The students are also expected to complete the required prerequisites for the courses. They are also expected to co-register in courses as detailed in the syllabus.

Graduation requirements

Completion is based on the students getting a minimum grade of "C" in all major requirement courses.

In addition to the graduation requirements listed in the UTRGV 2018-2019 Undergraduate Catalog, demonstration of proficiency in a language other than English is required at the undergraduate level equivalent to a minimum of six credit hours. Proficiency can be demonstrated by a college credit exam, a placement test approved through the UTRGV department of Writing and Language Studies, and/or to six credit hours of college-level language coursework.

120 TOTAL HOURS

Approved:

(44) TOTAL ADVANCED HOURS

Revised: Wednesday, April 4, 2018