

		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FIRST YEAR	FALL	4	BIOL 1406	General Biology I	C			One-credit hour lab in the general education core Three-credit hour in the major requirement	
		4	BIOL 2401	Anatomy and Physiology I/Lab	C	030			
		3	MATH 1343	Introduction to Biostatistics	C	020	TSI exemption in Math, or College Ready TSI status in Math, or Satisfactory grade in Developmental Math course.	See General Education Core for more details	
		3	Choose 1	Communication (Core)	C	010	For all 010 courses: Satisfactory scores on ENGL portion of ACT test or TSI reading/writing exams or ENGL 0301. For ENGL 1302, a grade of "C" or better in ENGL 1301.	See General Education Core for more details Options: ENGL 1301	
		4	NUTR 3452	Food Preparation	C			Satisfies Major-Specific Requirement.	
			UNIV	1301 Learning Framework 1101 Academic and Career Success 1001 Living and Working by Design			MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 1388, MATH 2412, MATH 2413, or MATH 2487 with a grade of "C" or higher."	As required, based on credit hours earned, TSI status, High school rank, major declaration	
		<b>18 Semester Total Hours</b>							
FIRST YEAR	SPRING	3	CHEM 1311	General Chemistry I	C		Prerequisites: MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 2412, MATH 2413 with a grade of "C" or higher."		
		1	CHEM 1111	General Chemistry I Lab	C	090	CHEM 1311.		
		4	BIOL 1407	General Biology II	C		BIOL 1406	Satisfies Major-Specific Requirement.	
		4	BIOL 2402	Anatomy and Physiology II/Lab	C	030	BIOL 2401.	Satisfies Major-Specific Requirement.	
		3	NUTR 2351	Introduction to Clinical Nutrition	C			Satisfies Major-Specific Requirement.	
		<b>15 Semester Total Hours</b>							
		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
SECOND YEAR	FALL	3	CHEM 1312	General Chemistry II	C		CHEM 1311.		
		1	CHEM 1112	General Chemistry II Lab	C		CHEM 1312.		
		3	Choose 1	Communication (Core)	C	010	For all 010 courses: Satisfactory scores on ENGL portion of ACT test or TSI reading/writing exams or ENGL 0301. For ENGL 1302, a grade of "C" or better in ENGL 1301.	See General Education Core for more details Options: ENGL 1302 or ENGL 1305	
		3	Choose 1	American History (Core)		060		See General Education Core for more details Options: HIST 1301 or HIST/MASC 2327	
		3	NUTR 2315	Introduction to Veterinary Nutrition	C		BIOL 1406 & BIOL 1407, BIOL 2401, BIOL 2402	Satisfies Major-Specific Requirement.	
			<b>13 Semester Total Hours</b>						
	SECOND YEAR	Spring	4	NUTR 2401	Food and Clinical Pathogens	C		BIOL 1406, BIOL 1407	Satisfies Major-Specific Requirement.
			3	CHEM 2323	Organic Chemistry I	C		CHEM 1312	
1			CHEM 2123	Organic Chemistry Lab I	C		CHEM 1112		
		3	NUTR 4310	Nutritional Education and Counseling	C		NUTR 2351	Satisfies Major-Specific Requirement	
		2	NUTR 3255	Multicultural Foods	C		NUTR 3452	Satisfies Major-Specific Requirement	
		3	HRPT 2303	Medical Terminology	C			Satisfies Major-Specific Requirement.	
		<b>16 Semester Total Hours</b>							

CORE: The 2020-2021 list of core courses can be found in the 2020-2021 Undergraduate Catalog: [www.utrgv.edu/catalog](http://www.utrgv.edu/catalog) > See 'Core Curriculum'

**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 - Life and Physical Sciences; 040 - Language, Philosophy & Culture; 050 - Creative Arts; 060 - 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.

		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
THIRD YEAR	FALL	3	CHEM 2301	Analytical Chemistry	C		CHEM 1312 and CHEM 1112.	Satisfies Major-Specific Requirement	
		1	CHEM 2101	Analytical Chemistry Lab	C		CHEM 2301.	Satisfies Major- Specific Requirement	
		3	Choose 1	American History (Core)		060		See General Education Core for more details Options: HIST 1302 or HIST/MASC 2328	
		3	NUTR 3310	Advanced Nutrition and Exercise Metabolism	C		CHEM 2323, CHEM 2123, CHEM 1311, CHEM 1111	Satisfies Major-Specific Requirement.	
		2	NUTR 4259	Introduction to Community Nutrition	C		NUTR 2351	Satisfies Major-Specific Requirement	
		3	HPRS 4300	Essentials of Pharmacology for Health Professions	C			Satisfies Major-Specific Requirement	
		<b>15 Semester Total Hours</b>							
SPRING		4	NUTR 3456	Experimental Foods	C		NUTR 3452	Satisfies Major-Specific Requirement	
		3	NUTR 3350	Integrative Nutrition and Nutrigenomics	C		NUTR 2351, NUTR 3452, NUTR 3310	Satisfies Major-Specific Requirement	
		2	NUTR 3201	Phytochemicals and Herbal Medicine and Nutrition	C		BIOL 1406, BIOL 1407	Satisfies Major-Specific Requirement.	
		3	NUTR 3301	Advanced Veterinary Nutrition	C		NUTR 2315	Satisfies Major-Specific Requirement	
		1	HONR 3187	Seminar Independent Study	C			Satisfies Major-Specific Requirement	
			<b>13 Semester Total Hours</b>						
		H	Course #	Course Title	Min. Grade	GEC	Prerequisite	Additional Notes	
FOURTH YEAR	FALL	3	Choose 1	Creative Arts (Core)		050		See General Education Core for course options.	
		3	Choose 1	Language, Philosophy & Culture (Core)		040		See General Education Core for course options.	
		3	PSYC 2301	General Psychology		080		See General Education Core for course options.	
		3	HPRS 3320	Patient Education in Health Sciences	C		Instructor's approval.	Satisfies Major-Specific Requirement.	
		3	POLS 2305	Government/Political Science (Core)		070		See General Education Core for course options.	
			<b>15 Semester Total Hours</b>						
SPRING		3	NUTR 4301	Research Thesis in Nutrition	C		NUTR 2351, NUTR 3452, NUTR 3456, NUTR 4357, NUTR 3310	Satisfies Major-Specific Requirement	
		3	POLS 2306	Government/Political Science (Core)		070		See General Education Core for course options.	
		3	NUTR 4357	Research Methods in Nutrition	C		NUTR 2401, NUTR 3255, NUTR 3452, NUTR 3350, NUTR 3456	Satisfies Major-Specific Requirement	
		3	Choose 1	Integrative and Experiential Learning		090		See General Education Core for course options. Options: COMM 1311; CSCI 1380	
		1	NUTR 3102	Functional Foods and Nutraceuticals	C		NUTR 2351, NUTR 3452, NUTR 3456	Satisfies Major-Specific Requirement	
		2	NUTR 3200	Food Product Development	C		NUTR 2351, NUTR 3452	Satisfies Major-Specific Requirement	
		<b>15 Semester Total Hours</b>							

**Admission Requirements**

Admission to the program is determined by a minimum High school or current undergraduate GPA of 3.0 on a 4.0 scale with no additional criteria. Students who have completed college level courses should have a minimum GPA of 2.7 in Nutrition, Biology, Chemistry, and Mathematics courses required in the program. With the exception of a minimum GPA, the program is open enrollment and program capacity will only be limited by personnel availability and laboratory space. Deadline to apply to the program will be April 30th of each year. It is highly recommended for students to get advice from the Program Faculty and Academic Advising.

**Application Process, Timeline for admission and office/department responsible.**

Students must submit an application to be admitted in the program by April 30th of each year. The application can be found at <https://www.utrgv.edu/hbs/index.htm>, under nutritional sciences tab. Application should be submitted with the transcript and letter of intent to the Program Director, BS Nutritional Sciences Program, Department of Health and Biomedical Sciences, EHABW Rm 2.206.

**Progression requirements**

Students must maintain a grade of "C" or above in all the Science, Math and Nutrition 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 degree plan. Students are required to follow procedures as detailed in the student handbook.

**Progression monitoring process and office/department responsible.**

Progression is monitored based on grades of completed courses under the required courses. This will be monitored by the Program.

**Graduation requirements**

Completion of the major is based on the student receiving a minimum grade of "C" in all Required Courses and Concentration courses under the Major Requirements section in the degree plan but excluding support courses unless required as course prerequisites.

**120 TOTAL HOURS**

**(42) ADVANCED INSTITUTIONAL MINIMUM CREDIT HOURS**

Approved: Thursday, October 15, 2020

Revised: Friday, October 9, 2020