

|             |        | H                              | Course #                       | Course Title   | Min. Grade | GEC | Prerequisite  | Additional Notes  |
|-------------|--------|--------------------------------|--------------------------------|--|------------|-----|---|---|
| FIRST YEAR  | FALL   | 4                              | BIOL 1406                      | General Biology I  | C          | 090 |   | One-credit hour lab in the general education core<br>Three-credit hour in the major requirement |
|             |        | 4                              | BIOL 2401                      | Anatomy and Physiology I/Lab   | C          |     |   |   |
|             |        | 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   |
|             |        | 4                              | NUTR 3452                      | Food Preparation   | C          |     |   | Satisfies Major-Specific Requirement.   |
|             |        |                                | UNIV                           | 1301 Learning Framework<br>1101 Academic and Career Success<br>1001 Living and Working by Design |            |     |   | As required, based on credit hours earned, TSI status, High school rank, major declaration      |
|             |        | <b>15 Semester Total Hours</b> |                                |  |            |     |   |   |
| FIRST YEAR  | SPRING | 3                              | NUTR 2351                      | Introduction to Clinical Nutrition   | C          |     |   | Satisfies Major-Specific Requirement.   |
|             |        | 3                              | CHEM 1311                      | General Chemistry I  | C          | 030 | 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          |     | BIOL 2401.  | 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          | 030 | CHEM 1311.  |   |
|             |        | 1                              | CHEM 1112                      | General Chemistry II Lab   | C          | 090 | 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<br><b>Options: ENGL 1301</b>                        |
|             |        | 3                              | HRPT 2303                      | Medical Terminology  | C          |     |   | Satisfies Major-Specific Requirement.   |
|             |        | 1                              | NUTR 3125                      | Nutritional Assessment   | C          |     | NUTR 2351   | Satisfies Major-Specific Requirement  |
|             |        | 3                              | NUTR 2315                      | Introduction to Veterinary Nutrition   | C          |     | BIOL 1406 & BIOL 1407, BIOL 2401, BIOL 2402   | Satisfies Major-Specific Requirement.   |
|             |        |                                | <b>14 Semester Total Hours</b> |  |            |     |   |   |
| SECOND YEAR | SPRING | 4                              | NUTR 2401                      | Food and Clinical Pathogens  | C          |     | BIOL 1406 ; BIOL 1407   | Satisfies Major-Specific Requirement.   |
|             |        | 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<br><b>Options: ENGL 1302 or ENGL 1305</b>           |
|             |        | 3                              | CHEM 2323                      | Organic Chemistry I  | C          |     | CHEM 1312   |   |
|             |        | 1                              | CHEM 2123                      | Organic Chemistry Lab I  | C          |     | CHEM 1112   |   |
|             |        | 3                              | HPRS 3320                      | Patient Education in Health Sciences   | C          |     | Instructor's approval.  | Satisfies Major-Specific Requirement.   |
|             |        | <b>14 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        | Choose 1     | American History (Core)                           |     | 060          | See General Education Core for more details<br><b>Options: HIST 1301 or HIST/MASC 2327</b> |  |
|                                |        | 3        | PSYC 2301    | General Psychology                                |     | 080          | See General Education Core for course options.   |  |
|                                |        | 3        | NUTR 3362    | Quantity Foods                                    | C   |              | NUTR 3452  | Satisfies Major-Specific Requirement   |
|                                |        | 3        | HPRS 4300    | Essentials of Pharmacology for Health Professions | C   |              |  | Satisfies Major-Specific Requirement   |
|                                |        | 3        | NUTR 3310    | Advanced Nutrition and Exercise Metabolism        | C   |              | CHEM 2323, CHEM 2123, CHEM 1311, CHEM 1111   | Satisfies Major-Specific Requirement   |
| <b>15 Semester Total Hours</b> |        |          |              |   |     |              |  |  |
| THIRD YEAR                     | SPRING | 2        | NUTR 3255    | Multicultural 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   |
|                                |        | 3        | NUTR 3301    | Advanced Veterinary Nutrition                     | C   |              | NUTR 2315  | Satisfies Major-Specific Requirement   |
|                                |        | 3        | Choose 1     | American History (Core)                           |     | 060          |  | See General Education Core for more details<br><b>Options: HIST 1302 or HIST/MASC 2328</b> |
|                                |        | 4        | NUTR 3456    | Experimental Foods                                | C   |              | NUTR 3452  | Satisfies Major-Specific Requirement   |
|                                |        | 3        | NUTR 4310    | Nutritional Education and Counseling              | C   |              | NUTR 2351  | Satisfies Major-Specific Requirement   |
| <b>18 Semester Total Hours</b> |        |          |              |   |     |              |  |  |
|                                | H      | Course # | Course Title | Min. Grade  | GEC | Prerequisite | Additional Notes   |  |
| FOURTH YEAR                    | FALL   | 3        | POLS 2305    | Government/Political Science (Core)               |     | 070          | See General Education Core for course options.   |  |
|                                |        | 3        | NUTR 3357    | Medical Nutrition Therapy I                       | C   |              | NUTR 2351  | Satisfies Major-Specific Requirement   |
|                                |        | 3        | Choose 1     | Creative Arts (Core)                              |     | 050          |  | See General Education Core for course options.   |
|                                |        | 2        | NUTR 4259    | Introduction to Community Nutrition               | C   |              | NUTR 2351  | Satisfies Major-Specific Requirement   |
|                                |        | 3        | Choose 1     | Language, Philosophy & Culture (Core)             |     | 040          |  | See General Education Core for course options.   |
| <b>14 Semester Total Hours</b> |        |          |              |   |     |              |  |  |
| FOURTH YEAR                    | SPRING | 3        | POLS 2306    | Government/Political Science (Core)               |     | 070          | See General Education Core for course options.   |  |
|                                |        | 3        | NUTR 3354    | Food Systems Management                           | C   |              | NUTR 3452  | Satisfies Major-Specific Requirement   |
|                                |        | 3        | Choose 1     | Integrative and Experiential Learning             |     | 090          |  | See General Education Core for course options.<br><b>Options: COMM 1311; CSCI 1380</b>     |
|                                |        | 3        | NUTR 3358    | Medical Nutrition Therapy II                      | C   |              | NUTR 3357  | Satisfies Major-Specific Requirement   |
|                                |        | 3        | NUTR 4357    | Research Methods in Nutrition                     | C   |              | NUTR 2401, NUTR 3255, NUTR 3452, NUTR 3350, NUTR 3456                                      | 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/departments 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/departments 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