

Bachelor of Science (BS) Nutritional Sciences

2024-2026

Nutrition and Fitness

| | Course # | Course Title | Min. Grade | GEC | Prerequisite | Additional Notes |
|--------|------------------------|--|---------------|-----|---|--|
| 4 | BIOL 1406 | General Biology I | С | | | Satisfies Major-Specific Requirement. |
| 4 | BIOL 2401 | Anatomy and Physiology I | В | 030 | | See General Education Core for more details. Lecture and Lab included |
| 3 M | 1ATH 1342 or MATH 1343 | Elementary Statistical Methods or Intro to Biostatistics | С | 020 | College Ready TSI status in Mathematics. | See General Education Core for more details. |
| 4 | NUTR 3452 | Culinary Nutrition | С | | | Satisfies Major-Specific Requirement. |
| | UNIV | 1301 Learning Framework 1101 Academic and Career Success 1001 Living and Working by Design | | | | As required, based on credit hours earned, TSI status, High school rank, major declaration |
| 15 Sem | nester Total Hours | | | | | |
| 3 | NUTR 2351 | Introduction to Clinical Nutrition | С | | | Satisfies Major-Specific Requirement. |
| 3 | CHEM 1311 | General Chemistry I | С | | MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 1388, MATH 2412, MATH 2413, or MATH 2487 with a grade of C or higher. | Satisfies Major-Specific Requirement. |
| 1 | CHEM 1111 | General Chemistry I Lab | С | 090 | Credit/registration in CHEM 1311. | See General Education Core for more details. |
| 4 | BIOL 1407 | General Biology II | С | | BIOL 1406 or BIOL 1487. | Satisfies Major-Specific Requirement. |
| 4 | BIOL 2402 | Anatomy and Physiology II | В | 030 | BIOL 2401. | See General Education Core for more details. Lecture and Lab included |
| 15 Sem | nester Total Hours | | | | | |
| | Course # | Course Title | Min. Grade | | Prerequisite | Additional Notes |
| 3 | CHEM 1312 | General Chemistry II | С | | CHEM 1311. | Satisfies Major-Specific Requirement. |
| 1 | CHEM 1112 | General Chemistry II Lab | С | | Credit/registration in CHEM 1312. | Satisfies Major-Specific Requirement. |
| 3 | Choose 1 | Communication | С | 010 | For all 010 courses: Satisfactory scores on English portion of ACT test and TSI examination 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 |
| 3 | HRPT 2303 | Medical Terminology | С | | | Satisfies Major-Specific Requirement. |
| 2 | NUTR 3225 | Nutritional Assessment | С | | A grade of C or better in NUTR 2351. | Satisfies Major-Specific Requirement. |
| 3 | Choose 1 | American History | | 060 | | See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328 |
| 15 Sem | nester Total Hours | | | | | |
| 4 | BIOL 3401 | General Microbiology | | | BIOL 1406, BIOL 1407, CHEM 1311, CHEM 1111, CHEM 1312, and CHEM 1112. | |
| | | Communication | С | 010 | For all 010 courses: Satisfactory scores on English portion of ACT test and TSI examination 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 | | | | | |
| 3 | CHEM 2323 | Organic Chemistry I | С | | CHEM 1312. | Satisfies Major-Specific Requirement. |
| | | Organic Chemistry I Organic Chemistry Lab I | С | | CHEM 1312. CHEM 1112. | Satisfies Major-Specific Requirement. Satisfies Major-Specific Requirement. |
| 3 | CHEM 2323 | <u> </u> | | 080 | | |

Symbols Key

The 2024-2026 list of core courses can be found in the 2024-2026 Undergraduate Catalog: www.utrgv.edu/catalog > See 'Bachelors Degree Program Regulations'

| | | Course # | Course Title | Min. GEC Grade | Prerequisite | Additional Notes | | | | | | |
|----------------------------|-------------------------|---|--|-------------------------|--|--|--|--|--|--|--|--|
| | 3 | Choose 1 | American History | 060 | | See General Education Core for more details. Options: HIST 1301 or HIST/MASC 2327 | | | | | | |
| | 3 | KINE 3353 | Physiology of Exercise I | С | Grade of "B" or better in BIOL 2401 and BIOL 2402. | Satifies Major-Specific Requirement. | | | | | | |
| | 3 | KINE 3370 | Biomechanics | С | Grade of "B" or better in BIOL 2401 and BIOL 2402. | Satisfies Major-Specific Requirement. | | | | | | |
| FALI | 3 | HPRS 3320 | Patient Education in Health Sciences | С | | Satisfies Major-Specific Requirement. | | | | | | |
| | 3 | NUTR 3310 | Advanced Nutrition and Exercise Metabolism | С | Grade of C or better in CHEM 2323 and CHEM 2123. | Satisfies Major-Specific Requirement. | | | | | | |
| EAR | 15 Semester Total Hours | | | | | | | | | | | |
| HIRD Y | 3 | NUTR 3355 | Multicultural Foods | С | | Satisfies Major-Specific Requirement. | | | | | | |
| | 3 | NUTR 3350 | Integrative Nutrition and Nutrigenomics | С | Grade of C or better in NUTR 2351. | Satisfies Major-Specific Requirement. | | | | | | |
| စ္ခ | 3 | NUTR 3330 | Nutrition for Sports and Exercise | С | Grade of C or better in NUTR 2351. | Satisfies Major-Specific Requirement. | | | | | | |
| SPRII | 3 | KINE 3360 | Exercise Testing and Prescription | С | Grade of 'C' or better in KINE 3153 and KINE 3353. | Satisfies Major-Specific Requirement. | | | | | | |
| | 3 | NUTR 4310 | Nutritional Education and Counseling | С | Grade of C or better in NUTR 2351. | Satisfies Major-Specific Requirement. | | | | | | |
| | 15 Semester Total Hours | | | | | | | | | | | |
| | | Course # | Course Title | Min. GEC Grade | Prerequisite | Additional Notes | | | | | | |
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| | 3 | POLS 2305 | U.S. Federal Government & Politics | 070 | | See General Education Core for course options. | | | | | | |
| | 3 | POLS 2305 KINE 3365 | U.S. Federal Government & Politics Physiology and Techniques of Strength/Power Fitness | | Grade of "C" KINE 3353, KINE 3370. | See General Education Core for course options. Satisfies Major-Specific Requirement. | | | | | | |
| | | | | | Grade of "C" KINE 3353, KINE 3370. | | | | | | | |
| FALL | 3 | KINE 3365 | Physiology and Techniques of Strength/Power Fitness | C 050 | Grade of "C" KINE 3353, KINE 3370. Grade of C or better in NUTR 2351. | Satisfies Major-Specific Requirement. | | | | | | |
| FALL | 3 | KINE 3365 Choose 1 | Physiology and Techniques of Strength/Power Fitness Creative Arts | C 050 | | Satisfies Major-Specific Requirement. See General Education Core for course options. | | | | | | |
| FALL | 3 3 3 3 | KINE 3365 Choose 1 NUTR 4359 | Physiology and Techniques of Strength/Power Fitness Creative Arts Community Nutritrion | C 050 | | Satisfies Major-Specific Requirement. See General Education Core for course options. Satisfies Major-Specific Requirement. | | | | | | |
| THYEAR | 3 3 3 3 | KINE 3365 Choose 1 NUTR 4359 Choose 1 | Physiology and Techniques of Strength/Power Fitness Creative Arts Community Nutritrion | C 050 | | Satisfies Major-Specific Requirement. See General Education Core for course options. Satisfies Major-Specific Requirement. | | | | | | |
| FOURTH YEAR FALL | 3 3 3 15 Sa | KINE 3365 Choose 1 NUTR 4359 Choose 1 Semester Total Hours | Physiology and Techniques of Strength/Power Fitness Creative Arts Community Nutritrion Language, Philosophy & Culture | C 050 C 040 | | Satisfies Major-Specific Requirement. See General Education Core for course options. Satisfies Major-Specific Requirement. See General Education Core for course options. | | | | | | |
| FOURTH YEAR G FALL | 3 3 3 3 15 So 3 | Choose 1 NUTR 4359 Choose 1 Gemester Total Hours POLS 2306 | Physiology and Techniques of Strength/Power Fitness Creative Arts Community Nutritrion Language, Philosophy & Culture Texas Government & Politics | C 050 C 040 | Grade of C or better in NUTR 2351. | Satisfies Major-Specific Requirement. See General Education Core for course options. Satisfies Major-Specific Requirement. See General Education Core for course options. | | | | | | |
| FOURTH YEAR FALL | 3 3 3 3 4 4 | Choose 1 NUTR 4359 Choose 1 Semester Total Hours POLS 2306 NUTR 3456 | Physiology and Techniques of Strength/Power Fitness Creative Arts Community Nutritrion Language, Philosophy & Culture Texas Government & Politics Experimental Foods | C 050 C 040 070 C 090 | Grade of C or better in NUTR 2351. | Satisfies Major-Specific Requirement. See General Education Core for course options. Satisfies Major-Specific Requirement. See General Education Core for course options. See General Education Core for course options. | | | | | | |
| FOURTH YEAR SPRING FALL | 3 3 3 3 3 4 4 3 3 | Choose 1 NUTR 4359 Choose 1 Semester Total Hours POLS 2306 NUTR 3456 Choose 1 | Physiology and Techniques of Strength/Power Fitness Creative Arts Community Nutritrion Language, Philosophy & Culture Texas Government & Politics Experimental Foods Integrative and Experiential Learning | C 050 C 040 070 C 090 C | Grade of C or better in NUTR 2351. Grade of C or better in NUTR 3452. | Satisfies Major-Specific Requirement. See General Education Core for course options. Satisfies Major-Specific Requirement. See General Education Core for course options. See General Education Core for course options. | | | | | | |

120 TOTAL HOURS

(42) Advanced minimum credit hours

Revised: Thursday, September 19th, 2024