

| | H | Course # | Course Title | Min. Grade | GEC | Prerequisite | Additional Notes |
|--------------------------------|--------------------------------|------------------------|--|--|-----|---|---|
| FALL FIRST YEAR | 3 | Choose 1 | Communication (Core) | C | 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 |
| | 4 | BIOL 1406 | General Biology I | C | 090 | | Satisfies Major-Specific Requirement. (One-Hour Lab requirement in the General Education Core). |
| | 3 | CHEM 1311 | General Chemistry I (Core) | C | 030 | MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 1388, MATH 2412, MATH 2413, with a grade of C or higher. | |
| | 1 | CHEM 1111 | General Chemistry I Lab (Core) | C | 090 | Credit/registration in CHEM 1311 | |
| | 3 | Choose 1 | Social and Behavioral Sciences (Core) | | 080 | | See General Education Core for course options |
| | 3 | MATH 1342 or MATH 1343 | Elementary Statistical Methods or Introduction to Biostatistics (Core) | C | 020 | College ready TSI status in Mathematics | |
| | | | 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 |
| 17 Semester Total Hours | | | | | | | |
| SPRING FIRST YEAR | 3 | Choose 1 | Communication (Core) | C | 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 |
| | 4 | BIOL 1407 | General Biology II | C | | BIOL 1406 | Satisfies Major-Specific Requirement. |
| | 3 | CHEM 1312 | General Chemistry II (Core) | | 030 | CHEM 1311. | |
| | 1 | CHEM 1112 | General Chemistry II Lab (Core) | | 090 | Credit/registration in CHEM 1312. | |
| | 3 | Choose 1 | Integrative/Experiential Learning Option (Core) | | 090 | | See General Education Core for course options. |
| 14 Semester Total Hours | | | | | | | |
| FALL SECOND YEAR | 3 | CHEM 2323 | Organic Chemistry I | | | CHEM 1312 | Satisfies Major-Specific Requirement. |
| | 1 | CHEM 2123 | Organic Chemistry I Lab | | | CHEM 1112 | Satisfies Major-Specific Requirement. |
| | 3 | BIOL 3301 | Biological Evolution | | | Grade of 'C' or better in the following: BIOL 1406 and BIOL 1407, or consent of instructor | Satisfies Major-Specific Requirement. |
| | 3 | Choose 1 | Language, Philosophy & Culture (Core) | | 040 | | See General Education Core for course options. |
| | 3 | Choose 1 | American History (Core) | | 060 | | See General Education Core for more details. Options: HIST 1301 or HIST/MASC 2327 |
| | 3 | X3XX-X3XX | Minor | | | | |
| | 16 Semester Total Hours | | | | | | |
| SPRING SECOND YEAR | 4 | BIOL 3413 | Genetics | | | BIOL 1406, BIOL 1407, CHEM 1311, CHEM 1111, CHEM 1312, and CHEM 1112. | Satisfies Major-Specific Requirement. |
| | 4 | BIOL 14XX-44XX | Prescribed Advanced Elective | | | | Prescribed Electives: Organismal BIOL 2401 |
| | 3 | Choose 1 | American History (Core) | | 060 | | See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328 |
| | 3 | X3XX-X3XX | Minor | | | | |
| 14 Semester Total Hours | | | | | | | |

CORE: The 2021-2022 list of core courses can be found in the 2021-2022 Undergraduate Catalog: 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.

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| THIRD YEAR | FALL | 4 | BIOL 3409 | Ecology | | | Grade of 'C' or better in the following: BIOL 1406 and BIOL 1407. | Satisfies Major-Specific Requirement. | |
| | | 3 | BIOL 33XX-43XX | Prescribed Advanced Elective | | | | BIOL 3000/4000 | |
| | | 3 | POLS 2305 | U.S. Federal Government and Politics (Core) | | 070 | | See General Education Core for more details. | |
| | | 3 | X3XX-X3XX | Minor | | | | | |
| | | 3 | X3XX-X3XX | Free Elective | | | | | |
| | | 16 Semester Total Hours | | | | | | | |
| THIRD YEAR | SPRING | 3 | POLS 2306 | Texas Government and Politics (Core) | | 070 | | See General Education Core for more details. | |
| | | 4 | BIOL 34XX-44XX | Prescribed Advanced Elective | | | | Prescribed Electives: Cellular/Molecular | |
| | | 3 | X3XX-X3XX | Minor | | | | | |
| | | 4 | X4XX-X4XX | Free Advanced Elective | | | | Recommended BIOL 2401 | |
| | | 3 | X3XX-X3XX | Free Elective | | | | | |
| | | 17 Semester Total Hours | | | | | | | |
| | | H | Course # | Course Title | Min. Grade | GEC | Prerequisite | Additional Notes | |
| FOURTH YEAR | FALL | 3 | BIOL 33XX-43XX | Prescribed Advanced Elective | | | | BIOL 3000/4000 | |
| | | 4 | BIOL 34XX-44XX | Prescribed Advanced Elective | | | | Prescribed Electives: Ecological/Environmental | |
| | | 3 | 33XX-43XX | Minor (Advanced) | | | | | |
| | | 3 | Choose 1 | Creative Arts (Core) | | 050 | | See General Education Core for course options. | |
| | | | 13 Semester Total Hours | | | | | | |
| FOURTH YEAR | SPRING | 3 | 33XX-43XX | Minor (Advanced) | | | | | |
| | | 3 | BIOL 33XX-43XX | Prescribed Advanced Elective | | | | BIOL 3000/4000 | |
| | | 3 | X3XX-X3XX | Free Elective | | | | | |
| | | 4 | BIOL 4400 | Biological Communication (Capstone) | | | Senior standing and 15 advanced hours of Biology. | Satisfies Major-Specific Requirement. | |
| | | 13 Semester Total Hours | | | | | | | |

Major Graduation Requirements

1. Specific graduation requirements required for this program beyond university bachelor's degree requirements.

A 2.5 minimum GPA in the major is required for graduation.

120 TOTAL HOURS

(42) Advanced minimum credit hours

Approved: Monday, October 18, 2021

Revised: Sunday, October 3, 2021