

| | H | Course # | Course Title | Min. Grade | GEC | Prerequisite | Additional Notes | | | |
|--------------------------------|------------------|--------------------------------|------------------|---------------------------------------|--|---------------------|---|---|--|--|
| FIRST YEAR | FALL | 3 | Choose 1 | Communication | 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 | | |
| | | 3 | Choose 1 | Creative Arts | | | 050 | | See General Education Core for course options. | |
| | | 3 | Choose 1 | Mathematics | C | | 020 | College Ready TSI status in Mathematics. | See General Education Core for course options. MATH 1342 is not an option for the Core. It is required in the major. | |
| | | 4 | BIOL 2401 | Anatomy and Physiology I | | | | | Satisfies Major-Specific Requirement. | |
| | | 3 | Choose 1 | American History | | | | 060 | See General Education Core for more details. Options: HIST 1301 or HIST 2327 | |
| | | | | 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 |
| 16 Semester Total Hours | | | | | | | | | | |
| FIRST YEAR | SPRING | 3 | Choose 1 | Communication | 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 2402 | Anatomy and Physiology II | | | | BIOL 2401. | Satisfies Major-Specific Requirement. | |
| | | 3 | CHEM 1311 | General Chemistry I | | | | 030 | MATH 1314, MATH 1414, MATH 1342, MATH 1343, MATH 1388, MATH 2412, MATH 2413, or MATH 2487 with a grade of C or higher. | See General Education Core for course options. |
| | | 1 | CHEM 1111 | General Chemistry I Lab | | | | 090 | Credit/registration in CHEM 1311. | See General Education Core for course options. |
| | | 3 | Choose 1 | American History | | | | 060 | | See General Education Core for more details. Options: HIST 1302 or HIST 2328 |
| | | 3 | MATH 1342 | Elementary Statistical Methods | | | | | College Ready TSI status in Mathematics. | Satisfies Major-Specific Requirement. |
| 17 Semester Total Hours | | | | | | | | | | |
| SECOND YEAR | FALL | 3 | CHEM 1312 | General Chemistry II | | | 030 | CHEM 1311. | See General Education Core for course options. | |
| | | 1 | CHEM 1112 | General Chemistry II Lab | | | | 090 | Credit/registration in CHEM 1312. | See General Education Core for course options. |
| | | 3 | POLS 2305 | U.S. Federal Government & Politics | | | | 070 | | See General Education Core for course options. |
| | | 4 | CLSC 2429 | Clinical Microbiology in Health Care | C | | | | 8 hours from: [BIOL 1406 and BIOL 1407] or [BIOL 2401 and BIOL 2402] or [BIOL 1487 and BIOL 1488] | Satisfies Major-Specific Requirement. |
| | | 3 | Choose 1 | Language, Philosophy & Culture | | | | 040 | | See General Education Core for course options. |
| | | 3 | Choose 1 | Integrative and Experiential Learning | | | | 090 | | See General Education Core for course options. |
| | | 17 Semester Total Hours | | | | | | | | |
| | | SECOND YEAR | SPRING | 3 | CHEM 2323 | Organic Chemistry I | | | | CHEM 1312. |
| 1 | CHEM 2123 | | | Organic Chemistry I Lab | | | | | Credit/registration in CHEM 2323. | Satisfies Major-Specific Requirement. |
| 4 | BIOL 1406 | | | General Biology I | | | | 090 | | Satisfies Major-Specific Requirement. One Hour Lab will meet General Education Core requirement. |
| 3 | POLS 2306 | | | Texas Government & Politics | | | | 070 | | See General Education Core for course options. |
| 3 | Choose 1 | | | Social and Behavioral Sciences | | | | 080 | | See General Education Core for course options. |
| 14 Semester Total Hours | | | | | | | | | | |

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'

Symbols Key

Minimum Grade: A - Excellent; B - Good; C - Satisfactory; D - Below Average; CR - Credit; P - Passing; S - Satisfactory.
Bolded Course #: Program Admission Requirement

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 |
|--------------------------------|---|-----------|--|------------|-----|--|--|
| FALL | 6 | CLSC 3630 | Clinical Microbiology I | C | | Admission into the Clinical Laboratory Science Program or special approval. | Admission requirements (See Department). |
| | 3 | CLSC 3310 | Hematology I | C | | Admission into the Clinical Laboratory Science Program or special approval. | Admission requirements (See Department). |
| | 5 | CLSC 3513 | Clinical Immunology and Immunoematology | C | | Admission into the Clinical Laboratory Science Program or special approval. | Admission requirements (See Department). |
| | 4 | CLSC 3420 | Clinical Chemistry I | C | | Admission into the Clinical Laboratory Science Program or special approval. | Admission requirements (See Department). |
| 18 Semester Total Hours | | | | | | | |
| THIRD YEAR SPRING | 4 | CLSC 4411 | Clinical Hematology II | C | | CLSC 3310 or permission of the instructor. | Admission requirements (See Department). |
| | 5 | CLSC 4521 | Clinical Chemistry II | C | | CLSC 3420 or permission of the instructor. | Admission requirements (See Department). |
| | 3 | CLSC 4314 | Advanced Immunoematology | C | | Admission into the Clinical Laboratory Sciences Program and CLSC 3513. | Admission requirements (See Department). |
| | 6 | CLSC 4631 | Clinical Microbiology II | C | | CLSC 3630 or permission of the instructor. | Admission requirements (See Department). |
| 18 Semester Total Hours | | | | | | | |
| SUMMER | 3 | CLSC 4303 | Medical Laboratory Leadership | C | | Admission into the Clinical Laboratory Science Program or special approval. | Admission requirements (See Department). |
| | 3 | CLSC 4340 | Clinical Practicum I | C | | Admission into the Clinical Laboratory Science Program and successful completion of: CLSC 3310, CLSC 3420, CLSC 3513, CLSC 3630, CLSC 4314, CLSC 4411, CLSC 4521, CLSC 4631. | Admission requirements (See Department). |
| | 3 | CLSC 4341 | Clinical Practicum II | C | | Admission into the Clinical Laboratory Science Program and successful completion of: CLSC 3310, CLSC 3420, CLSC 3513, CLSC 3630, CLSC 4314, CLSC 4411, CLSC 4521, CLSC 4631. | Admission requirements (See Department). |
| | 1 | CLSC 4122 | Method Development & Research | C | | Admission to the Clinical Laboratory Sciences Program. | Admission requirements (See Department). |
| 10 Semester Total Hours | | | | | | | |
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| FOURTH YEAR FALL | 3 | CLSC 4342 | Clinical Practicum III | C | | Admission into the Clinical Laboratory Science Program and successful completion of: CLSC 3310, CLSC 3420, CLSC 3513, CLSC 3630, CLSC 4314, CLSC 4411, CLSC 4521, CLSC 4631. | Admission requirements (See Department). |
| | 3 | CLSC 4343 | Clinical Practicum IV | C | | Admission into the Clinical Laboratory Science Program and successful completion of: CLSC 3310, CLSC 3420, CLSC 3513, CLSC 3630, CLSC 4314, CLSC 4411, CLSC 4521, CLSC 4631. | Admission requirements (See Department). |
| | 1 | CLSC 4144 | Clinical Practicum V | C | | Admission into the Clinical Laboratory Science Program and successful completion of: CLSC 3310, CLSC 3420, CLSC 3513, CLSC 3630, CLSC 4314, CLSC 4411, CLSC 4521, CLSC 4631. | Admission requirements (See Department). |
| | 2 | CLSC 4200 | Seminar | C | | Admission into the Clinical Laboratory Science Program and completion of CLSC 4340 and CLSC 4341. | Admission requirements (See Department). |
| | 1 | CLSC 4116 | Advanced Immunology | C | | CLSC 3513. | Admission requirements (See Department). |
| | 3 | CLSC 4315 | Molecular Genetics and Molecular Diagnostics | C | | Admission to the Clinical Laboratory Sciences Program or permission of the instructor. | Admission requirements (See Department). |
| 13 Semester Total Hours | | | | | | | |

123 TOTAL HOURS
(42) Advanced minimum credit hours

Revised: Thursday, August 29th, 2024