The University of Texas Rio Grande Valley

Bachelor of Science (BS)

Clinical Laboratory Science

2021-2022

Degree Plan Tentative Pending University Approval

| н | Course # | Course Title | Min. Gra <u>de</u> | GEC | Prerequisite | Additional Notes |
|--------|---------------------------|--|-----------------------|-----|---|--|
| 3 | Choose 1 | Communication (Core) | С | | 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 |
| 3 | Choose 1 | Creative Arts (Core) | | 050 | | See General Education Core for course options. |
| 3 | MATH 1314 | College Algebra | | | Satisfactory scores on Math portion of ACT test or TSI math exam or MATH 0314/0332/0342. | Satisifes Major-Specific Requirement. |
| 4 | BIOL 2401 | Anatomy and Physiology I | | 030 | | See General Education Core for more details. |
| 3 | Choose 1 | American History (Core) | | 060 | | See General Education Core for more details. Options: HIST 1301 or HIST/MASC 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 ra major declaration |
| 16 S | Semester Total Hours | | | | | |
| 3 | Choose 1 | Communication (Core) | С | 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 |
| 4 | BIOL 2402 | Anatomy and Physiology II | | 030 | BIOL 2401. | See General Education Core for more details. |
| 3 | CHEM 1311 | General Chemistry I | | | 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 | | 090 | Credit/registration in CHEM 1301. | |
| 3 | Choose 1 | American History (Core) | | 060 | | See General Education Core for more details. Options: HIST 1302 or HIST/MASC 2328 |
| 3 | MATH 1342 or MATH 1343 | Elementary Stastics or Introduction to Biostastics | | 020 | | See General Education Core for more details. |
| | Semester Total Hours | | Min | | | |
| н | Course # | Course Title | Min. Grade | GEC | Prerequisite | Additional Notes |
| 3 | CHEM 1312 | General Chemistry II | | | CHEM 1311. | |
| 1 | CHEM 1112 | General Chemistry II Lab | | | Credit/registration in CHEM 1312. | |
| 3 | POLS 2305 | Government/Political Science (Core) | | 070 | | See General Education Core for course options. |
| 4 | CLSC 2429 | Clinical Microbiology in Health Care | С | | 8 hours from: [BIOL 1406 and BIOL 1407] or [BIOL 2401 and BIOL 2402] | 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 S | Semester Total Hours | | | | | |
| 3 | CHEM 2323 | Organic Chemistry I | | | | Satisfies Major-Specific Requirement. |
| 1 | CHEM 2123 | Organic Chemistry I Lab | | | Credit/registration in CHEM 2323. | Satisfies Major-Specific Requirement. |
| | BIOL 1406 | General Biology I | | | | Satisfies Major-Specific Requirement. One Hour Lab will meet General Education |
| 4 | | | | 070 | | See General Education Core for course options. |
| 4 3 | POLS 2306 | Government/Political Science (Core) | | 0/0 | | · · |
| | POLS 2306 PSYC 2301 | Government/Political Science (Core) General Psychology | | 080 | | See General Education Core for course options. |

Symbols Key

Critical (!!): sequence sensitive course. Gene

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.

| | ! Н | Course # | Course Title | Min. Grade | GEC | Prerequisite | Additional Notes | |
|-------------------------|------|---------------------|--|---------------|-----|--------------|--|--|
| | 3 | HPRS 3301 | Introduction to the Evolving Healthcare System | С | | | | |
| _ | 3 | HPRS 3302 | Medical Law/Ethics for the Health Professional | С | | | | |
| FAL | 3 | HPRS 3309 | Leading and Managing the Healthcare Team | С | | | | |
| | 3 | HPRS 3320 | Patient Education in Health Sciences | С | | | | |
| AR | 12 S | emester Total Hour | s | | | | | |
| THIRD YE. | 3 | HPRS 3324 | Teaching in the Health Sciences | С | | | | |
| | 3 | HPRS 4315 | Health Disparities | С | | | | |
| SPRING | 3 | Choose 1 | Prescribed Electives | С | | | Choose from HPRS 3313, HPRS 3319, HPRS 4305, HPRS 4310, HPRS 4320, HSIN 3347, HSIN 3348, HSIN 4349, HSIN 4352 | |
| | 3 | Choose 1 | Prescribed Electives | с | | | Choose from HPRS 3313, HPRS 3319, HPRS 4305, HPRS 4310, HPRS 4320, HSIN 3347, HSIN 3348, HSIN 4349, HSIN 4352 | |
| | 3 | Choose 1 | Prescribed Electives | с | | | Choose from HPRS 3313, HPRS 3319, HPRS 4305, HPRS 4310, HPRS 4320, HSIN 3347, HSIN 3348, HSIN 4349, HSIN 4352 | |
| 15 Semester Total Hours | | | | | | | | |
| | : Н | Course # | Course Title | Min. Grade | GEC | Prerequisite | Additional Notes | |
| | 3 | HPRS 4312 | Applied Pathophisiology | С | | | | |
| | 3 | HPRS 4334 | Issues and Trends in Health Care | С | | | | |
| FALL | 4 | Choose 1 | Clinical Profession Concentration Course | с | | | Choose from HPRS 3313, HPRS 4305, HPRS 4310, HPRS 4320, HSIN 3347, HSIN 3348, HSIN 4349, HSIN 4352 | |
| YEAR | 4 | Choose 1 | Clinical Profession Concentration Course | С | | | Choose from HPRS 3313, HPRS 4305, HPRS 4310, HPRS 4320, HSIN 3347, HSIN 3348, HSIN 4349, HSIN 4352 | |
| FOURTH | 3 | Choose 1 | Clinical Profession Concentration Course | С | | | Choose from HPRS 3313, HPRS 4305, HPRS 4310, HPRS 4320, HSIN 3347, HSIN 3348, HSIN 4349, HSIN 4352 | |
| | 17 S | emester Total Hours | | | | | | |
| | 3 | HPRS 4301 | Introduction to Health Data Utilization | С | | | | |
| ę | 3 | HPRS 4302 | Continuous Quality Improvement | С | | | | |
| SPRIN | 3 | HRPT 2303 | Medical Terminology | | | | | |
| | 3 | NUTR 2351 | Introduction to Clinical Nutrition | | | | | |
| | 12 S | emester Total Hours | | | | | | |

Note:

This program leads to a profession which requires an occupational license as defined under Texas Occupations Code 58.001. This requires that all applicants seeking to become licensed must undergo a criminal background check prior to licensure.

Graduation Requirements:

In addition to the graduation requirements listed in the UTRGV 2019-2020 Undergraduate Catalog, demonstration of proficiency in a language other than English is required at the undergraduate level equivalent to a minimum of six credit hours. Proficiency can be demonstrated by a college credit exam, a placement test approved through the UTRGV department of Writing and Language Studies, and/or to six credit hours of college-level language other than English is required at the undergraduate level equivalent to a minimum of six credit hours. Proficiency can be demonstrated by a college credit exam, a placement test approved through the UTRGV department of Writing and Language Studies, and/or to six credit hours of college-level language coursework.

120 TOTAL HOURS

(42) Advanced Institutional minimum credit hours

Approved:

Revised: