

| | | ! | H | Course # | Course Title | Min. Grade | GEC | Prerequisite | Additional Notes | |
|-------------|-------------|--------|---|-----------|--------------------------------|---------------------------------------|-----|---|---|--|
| FIRST YEAR | FALL | | 3 | ENGL 1301 | Rhetoric and Composition I | c | 010 | Satisfactory scores on English portion of ACT test and TSI examination or ENGL 0301. | | |
| | | | 4 | BIOL 1406 | General Biology I | c | | | Alternatively BIOL 1487 Honors. Satisfies Major-Specific Requirement. | |
| | | | 3 | CHEM 1311 | General Chemistry I | c | 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." | | |
| | | | 1 | CHEM 1111 | General Chemistry I Lab | c | 090 | Credit/registration in CHEM 1301. | | |
| | | | 3 | SOCI 1301 | Introduction to Sociology | | 080 | | Support Course | |
| | | | | | UNIV 1301 | Learning Framework | | | | Only if required, based on ACT/SAT and high school rank. |
| | | | | | 14 Semester Total Hours | | | | | |
| FIRST YEAR | SPRING | | 3 | ENGL 1302 | Rhetoric And Composition II | c | 010 | A grade of 'C' or better in ENGL 1301 or ENGL 1387. | | |
| | | | 4 | BIOL 1407 | General Biology II | c | | BIOL 1406 or BIOL 1487. | Alternatively BIOL 1488 Honors. Satisfies Major-Specific Requirement. | |
| | | | 3 | CHEM 1312 | General Chemistry II | c | 030 | CHEM 1311. | | |
| | | | 1 | CHEM 1112 | General Chemistry II Lab | c | 090 | Credit/registration in CHEM 1312. | | |
| | | | 3 | MATH 1342 | Elementary Statistical Methods | c | 020 | College Ready TSI status in Mathematics. | Alternatively, MATH 1387 Honors OR MATH 1343 Intro. Biostatistics OR MATH 1388 Honors | |
| | | | | | 14 Semester Total Hours | | | | | |
| SECOND YEAR | FALL | | 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. | |
| | | | 4 | BIOL 2401 | Anatomy and Physiology I | | 090 | | One hour lab Integrative and Experiential Learning | |
| | | | 3 | PHIL 1301 | Introduction to Philosophy | | 040 | | Other option PHIL 1366 | |
| | | | 3 | PSYC 2301 | General Psychology | | | | Support Course | |
| | | | 3 | HIST 1301 | U.S. History I | | 060 | | | |
| | | | | | 17 Semester Total Hours | | | | | |
| | SECOND YEAR | SPRING | | 4 | 34XX-44XX | Major Advanced Elective | | | | Biology Group D Physiology |
| | | | | 3 | CHEM 2325 | Organic Chemistry II | | | | Satisfies Major-Specific Requirement. |
| | | | | 1 | CHEM 2125 | Organic Chemistry II Lab | | | CHEM 2123. | Satisfies Major-Specific Requirement. |
| | | | | 3 | X3XX-X3XX | Integrative and Experiential Learning | | 090 | | |
| | | | | 3 | X3XX-X3XX | Creative Arts | | 050 | | |
| | | | | 3 | HIST 1302 | U.S. History II | | 060 | | |
| | | | | | | 17 Semester Total Hours | | | | |

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 - Computer Application; 090 - Interdisciplinary ;090 - Science Labs; 090 - Wellness.

Language Proficiency Requirement: Student is required to demonstrate language proficiency in a language other than English at the undergraduate level equivalent to a minimum of six credits.

| | | I | H | Course # | Course Title | Min. Grade | GEC | Prerequisite | Additional Notes | |
|--------------------------------|--------------------------------|---|---|-----------|---------------------------------------|------------|-----|---|--|--|
| THIRD YEAR | FALL | | 4 | BIOL 3413 | Genetics | | | BIOL 1406 (or BIOL 1487) , BIOL 1407 (or BIOL 1487), CHEM 1311, CHEM 1111, CHEM 1312, and CHEM 1112. | Satisfies Major-Specific Requirement. | |
| | | | 4 | PHYS 1401 | General Physics I | | | MATH 1414 or MATH 1314. | Satisfies Major-Specific Requirement. | |
| | | | 3 | POLS 2301 | U.S. & Texas Government & Politics I | | 070 | | | |
| | | | 3 | X3XX-X3XX | Free Elective | | | | | |
| | | | | | | | | | | |
| | 14 Semester Total Hours | | | | | | | | | |
| | SPRING | | 4 | 34XX-44XX | Major Advanced Elective | | | | Biology Group A Cellular/Molecular | |
| | | | 4 | PHYS 1402 | General Physics II | | | PHYS 1401. | Satisfies Major-Specific Requirement. | |
| | | | 3 | CHEM 3303 | Biochemistry I | | | CHEM 2323. | Satisfies Major-Specific Requirement. | |
| | | | 3 | POLS 2302 | U.S. & Texas Government & Politics II | | 070 | | | |
| | | | | | | | | Study for Spring MCAT, DAT, OAT, or GRE Apply to Medical, Dental, Optometry or Veterinary Retake exam(s) if necessary | | |
| 14 Semester Total Hours | | | | | | | | | | |
| FOURTH YEAR | FALL | | 4 | 34XX-44XX | Major Advanced Elective | | | | Biology Group B Developmental/Morphology | |
| | | | 4 | BIOL 4400 | Biological Communication (Capstone) | | | Biology Major of junior standing. | Satisfies Major-Specific Requirement. | |
| | | | 3 | BIOL 3301 | Biological Evolution | | | BIOL 1406 (or BIOL 1487) and BIOL 1407 (or BIOL 1488), or permission | Satisfies Major-Specific Requirement. | |
| | | | 4 | 34XX-44XX | Free Advanced Elective | | | | | |
| | | | | | | | | | | |
| | 15 Semester Total Hours | | | | | | | | | |
| | SPRING | | 4 | BIOL 3409 | Ecology | | | 9 hours of Biology, including BIOL 1407 (or BIOL 1488). | Satisfies Major-Specific Requirement. | |
| | | | 4 | 34XX-44XX | Free Advanced Elective | | | | | |
| | | | 3 | X3XX-X3XX | Free Elective | | | | | |
| | | | 4 | 34XX-44XX | Major Advanced Elective | | | | Biology Group C Organismal/Environmental | |
| | | | | | | | | | | |
| 15 Semester Total Hours | | | | | | | | | | |

Graduation Requirements

120 TOTAL HOURS
(42) TOTAL ADVANCED HOURS

Approved: Thursday, October 15, 2015 Dr. Frederic Zaidan III
Revised: Tuesday, October 13, 2015