



Life Science 7-12 Recommended 4 Year Course Sequence

| Name: | | ID Number: | | |
|--|--|--------------|-----------|-------|
| Course Information | | Credit Hours | Term/Year | Grade |
| Freshman Year First Semester | | | | |
| ENGL 1301 - College Composition I (Communication CORE) | | 3 | 0 | 0 |
| MATH 1342 - Statistics I (Mathematics CORE) | | 3 | 0 | 0 |
| HIST 1301 - United States History I (History CORE) | | 3 | 0 | 0 |
| BIOL 1306 - General Biology I (Life & Physical Sciences CORE) | | 3 | 0 | 0 |
| BIOL 1106 - General Biology I Lab | | 1 | 0 | 0 |
| CMST 1315 - Introduction to Public Speaking (Communication CORE) | | 3 | 0 | 0 |
| Credit hours | | 16 | | |
| Freshman Year Second Semester | | | | |
| ENGL 1302 - College Composition II (Human Expression CORE) | | 3 | 0 | 0 |
| MATH 1343 - Statistics II | | 3 | 0 | 0 |
| HIST 1302 - United States History II (History CORE) | | 3 | 0 | 0 |
| BIOL 1307 - General Biology II | | 3 | 0 | 0 |
| BIOL 1107 - General Biology II Lab | | 1 | 0 | 0 |
| POLS 2305 - Introductory American Government (Government CORE) | | 3 | 0 | 0 |
| Credit hours | | 16 | | |
| Sophomore Year First Semester | | | | |
| ENGL Language, Philosophy, and Culture (CORE) | | 3 | 0 | 0 |
| Creative Arts CORE | | 3 | 0 | 0 |
| POLS 2306 - Introductory Texas Politics (Government CORE) | | 3 | 0 | 0 |
| MATH 2312 - Pre Calculus (STEM CORE) | | 3 | 0 | 0 |
| CHEM 1311 - General Chemistry I | | 3 | 0 | 0 |
| CHEM 1111 - General Chemistry I Lab | | 1 | 0 | 0 |
| Credit hours | | 16 | | |
| Sophomore Year Second Semester | | | | |
| EDUT 1170 - Inquiry Approaches to Teaching | | 1 | 0 | 0 |
| EDUT 2170 - Inquiry Based Lesson Design | | 1 | 0 | 0 |
| MATH 1314 - College Algebra | | 3 | 0 | 0 |
| CHEM 1312 - General Chemistry II | | 3 | 0 | 0 |
| CHEM 1112 - General Chemistry II Lab | | 1 | 0 | 0 |
| Social & Behavioral Science CORE | | 3 | 0 | 0 |
| BIOL 3336 - Ecology | | 3 | 0 | 0 |
| BIOL 3137 - Ecology Lab | | 1 | 0 | 0 |
| Credit hours | | 16 | | |
| Junior Year First Semester (Phase I) | | | | |
| PHYS 1301 - College Physics I | | 3 | 0 | 0 |
| PHYS 1101 - College Physics I Lab | | 1 | 0 | 0 |
| EDUT 3370 - Knowing & Learning in Math & Science | | 3 | 0 | 0 |
| BIOL 4114 - Scientific Communication I | | 1 | 0 | 0 |
| BIOL 3332 - Genetics | | 3 | 0 | 0 |
| BIOL 3133 - Genetics Lab | | 1 | 0 | 0 |
| Credit hours | | 12 | | |
| Students must be admitted into the School of Education prior to Phase II. | | | | |

| Junior Year Second Semester (Phase II) | | | |
|--|------------|---|---|
| CHEM 3360 - Research Methods or Approved Elective | 3 | 0 | 0 |
| BIOL 3350 - Conservation Biology | 3 | 0 | 0 |
| EDUT 3371 - Classroom Interactions | 3 | 0 | 0 |
| BIOL 3339 - Plant Biology | 3 | 0 | 0 |
| BIOL 3139 - Plant Biology Lab | 1 | 0 | 0 |
| BIOL 4115 - Scientific Communication II | 1 | 0 | 0 |
| Credit hours | 14 | | |
| Must Pass the TExES Exam 238 by August 15th for Spring Phase IV, or February 15th for Fall Phase IV | | | |
| Senior Year First Semester (Phase III) | | | |
| EDFB 4338 - Literacy in the Content Areas | 3 | 0 | 0 |
| EDUC 4314 - Teaching Science in the Middle & High School | 3 | 0 | 0 |
| EDUT 4370 - Project Based Instruction | 3 | 0 | 0 |
| CHEM 3370 - Perspectives on Science and Mathematics or Approved Elective | 3 | 0 | 0 |
| EDSP 3351 - Managing & Instructing Diverse Learners | 3 | 0 | 0 |
| Credit hours | 15 | | |
| Senior Year Second Semester (Phase IV) | | | |
| EDUC 4940 - Clinical Teaching | 9 | 0 | 0 |
| EDUC 4357 - Clinical Teaching Seminar | 3 | 0 | 0 |
| EDUC 4378 - Methods for Teaching Secondary ELLS | 3 | 0 | 0 |
| Credit hours | 15 | | |
| Total Credit Hours | 120 | | |
| Must pass the TExES 160 Exam for certification. May be taken during Phase III, Phase IV or after. | | | |