### First Year - Collin College

**FIRST SEMESTER**
- ENGL 1301 Composition I
- MATH 2412 Pre-Calculus Math
- Speech (see list below) – 3 hours
- History (see list below) – 3 hours
- BIOL 1406 Biology for Science Majors I

17 credit hours

**SECOND SEMESTER**
- ENGL 1302 Composition II (or ENG 2311)
- BIOL 1407 Biology for Science Majors II
- CHEM 1411 General Chemistry I
- History (see list below) – 3 hours
- BIOL 1406 Biology for Science Majors I

14 credit hours

### Second Year - Collin College

Apply to Tarleton State University a full semester before you plan to transfer.

**FIRST SEMESTER**
- GOVT 2305 Federal Government
- PHYS 1401 College Physics I
- Social/Behavioral Science (see list below) – 3 hours
- Lang, Phil, & Culture (see list below) – 3 hours

17 credit hours

**SECOND SEMESTER**
- GOVT 2306 Texas Government
- CHEM 1412 General Chemistry II
- Phys 1402 – College Physics II (PHYS 1302+1102)
- Creative Arts (see list below) – 3 hours

14 credit hours

### Third Year – Tarleton State University

**FIRST SEMESTER**
- BIOL 2300 – Cell Biology
- BIOL 3303 – Genetics
- BIOL 3103 – Genetic Techniques
- ENGL 3309 – Technical Writing and Document Design
- EDUC 3321 – Foundations of Teaching: Middle & Secondary Classrooms

**SECOND SEMESTER**
- BIOL 3407 – Microbiology
- READ 3351 – Content Area Literacy
- BIOL 3449 – Invertebrate Zoology (Spring Only)
- Advanced BIOL Elective
- PSYC 2308 Child Psychology OR PSYC 3303 Educational Psychology OR CHFS 3300 Child Development

Total Semester Hours: 16

### Fourth Year – Tarleton State University

**FIRST SEMESTER**
- BIOL 4370 – Analysis of Biological Principles (Fall Only)
- EDSP 4361 – Models of Instruction
- EDUC 4331 – Instructional Strategies for Middle & Secondary Classrooms
- BIOL 4401 – Ecology (Fall Only)

**SECOND SEMESTER**
- BIOL 4388 – Current Topics in the Life Sciences
- BIOL 3415 – Plant Taxonomy (Spring Only)
- EDUC 4335 – Issues of Professionalism
- EDUC 4690 – Clinical Teaching

Total Semester Hours: 13

TOTAL: 124

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

| Speech – choose one from: SPCH 1311, 1315, or 1321 |
| History – choose two from: HIST 1301, 1302, 2301 |
| Language, Philosophy, & Culture - choose one from: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2342, 2343, HIST 2311, 2312, 2321, 2322, HUMA 1301, PHIL 1301, 1304, 2303, 2306, 2307, 2321 |
| Creative Arts - choose one from: ARTS 1301, 1303, 1304, 1313, DANC 2303, DRAM 1310, 2361, 2362, 2366, MUSI 1306, 1307, 1310 |
| Social and Behavioral Sciences – choose one from: ANTH 2302, 2346, 2351, ECON 2301, 2302, PSYC 2301, SOCI 1301, 1306 |
| Elective – choose one course from any discipline (MATH 1342 or MATH 2413 highly recommended for prerequisite courses into STEM programs at 4 year universities). |

For questions about the university portion of this pathway, contact the Biological Sciences department at 254-968-9159.