



AS Biology-Human Biology to
Bachelor of Science in Biology – General Concentration ^T
Guided Pathway
Effective for the 2019-2020 Catalog



First Year – Central Texas College

| FIRST SEMESTER | SECOND SEMESTER | SUMMER SEMESTER |
|--|---|---|
| ^C MATH 1414 College Algebra | BIOL 1407 Biology for Science Majors II | ^C CHEM 1412 General Chemistry II |
| BIOL 1406 Biology for Science Majors I | ^C CHEM 1411 General Chemistry I | |
| ^C ENGL 1301 Composition I | ^C SPCH 1315, 1318 or 1321 | |
| ^C HIST 1301 United States History I | ^C HIST 1302 United States History II | |
| Total Semester Hours: 14 | Total Semester Hours: 14 | Total Semester Hours: 4 |

Second Year – Central Texas College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

| FIRST SEMESTER | SECOND SEMESTER |
|--|--|
| ^C BIOL 2421 Microbiology for Science Majors | CHEM 2425 Organic Chemistry II |
| CHEM 2423 Organic Chemistry I | ^C Language/Philosophy/Culture Studies |
| ^{C*} Social/Behavioral Science Selection | ^C GOVT 2306 Texas Government |
| ^C GOVT 2305 Federal Government | ^{C*} Creative Arts Selection |
| | KINE Physical Activity |
| Total Semester Hours: 14 | Total Semester Hours: 14 |

AS: Biology-Human Biology

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

Total Semester Hours: 18

Third Year – Tarleton State University

| These courses may be completed at CTC (if offered) or TSU | |
|---|---|
| ^C ENGL 1302 – Composition II | ^C MATH 2412 – Pre-Calculus Math |
| ^{*C} First Year Seminar Elective (Learning Frameworks) | PHYS 1402 – College Physics II (PHYS 1302+1102) |
| PHYS 1401 – College Physics I (PHYS 1301+1101) | |
| FIRST SEMESTER | SECOND SEMESTER |
| BIOL 2300 – Cell Biology | BIOL 3407 – Microbiology |
| BIOL 3303 – Genetics | BIOL 3353 – Ecology and Evolution |
| BIOL 3103 – Genetic Techniques | ENGL 3309 – Technical Writing and Document Design |
| MATH 3450 – Principles of Bio-Statistics | Advanced BIOL Elective |
| Total Semester Hours: 11 | Total Semester Hours: 13 |

Fourth Year – Tarleton State University

| FIRST SEMESTER | SECOND SEMESTER |
|-------------------------|---|
| | BIOL 4398 – Current Topics in the Life Sciences |
| Advanced Elective | Advanced Elective |
| Advanced BIOL Elective | Advanced BIOL Elective |
| Advanced BIOL Elective | Advanced BIOL Elective |
| Total Semester Hours: 9 | Total Semester Hours: 12 |
| | Total Degree Hours: 123 |

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

Part-time students may also follow this sequence. Developmental coursework may be required.

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

^C This course counts for the Core Curriculum at any public college or university in Texas.

⁽⁾ Course numbers shown in parentheses are equivalent to these courses at Tarleton State University

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