



AS Biology-Organismal to  
Bachelor of Science in Biology  
General Concentration<sup>T</sup>



**Guided Pathway**  
Effective for the 2019-2020 Catalog

**First Year – Central Texas College**

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> MATH 1414 College Algebra	BIOL 1407 Biology for Science Majors II
BIOL 1406 Biology for Science Majors I	<sup>C</sup> SPCH 1315, 1318 or 1321
<sup>C</sup> ENGL 1301 Composition I	<sup>C</sup> HIST 1302 United States History II
<sup>C</sup> HIST 1301 United States History I	<sup>C*</sup> Language/Philosophy/Culture Studies
KINE Physical Activity	KINE Physical Activity

Total Semester Hours: 16

Total Semester Hours: 14

**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
<sup>C</sup> BIOL 1411 or ENVR 1401	BIOL 2421 Microbio. for Science Majors
<sup>C</sup> CHEM 1411 General Chemistry I	BIOL 1413 General Zoology
<sup>C</sup> GOVT 2305 Federal Government	<sup>C</sup> GOVT 2306 Texas Government
<sup>C*</sup> Social/Behavioral Science Selection	<sup>C*</sup> Component Area Option
	<sup>C*</sup> Creative Arts Selection

Total Semester Hours: 14

Total Semester Hours: 17

**AS: Biology-Organismal**

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

These courses may be completed at CTC (if offered) or TSU	
<sup>C</sup> ENGL 1302 – Composition II	<sup>C</sup> MATH 2412 – Pre-Calculus Math
<sup>C</sup> CHEM 1412 – College Chemistry II (CHEM 1312+1112)	CHEM 2423 – Organic Chemistry I (CHEM 2323+2123)
PHYS 1401 – College Physics I (PHYS 1301+1101)	PHYS 1402 – College Physics II (PHYS 1302+1102)

Total Semester Hours: 23

**Third Year – Tarleton State University**

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: 129

**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.

<sup>C</sup> 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.

<sup>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.

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