

AS in General Studies - Biology Emphasis to Bachelor of Science in Biology With an Aquatic Ecology Concentration<sup>T</sup>



**Guided Pathway** 

Effective for the 2021-2022 Catalog

First Year – Collin College

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> ENGL 1301 – Composition I	<sup>c</sup> ENGL 1302 – Composition II <u>or</u> ENG 2311
<sup>c</sup> MATH 2412 – Pre-Calculus Math or higher (see list below)	<sup>c</sup> BIOL 1407 – Biology for Science Majors II
<sup>c</sup> Speech (see list below)	<sup>c</sup> History (see list below)
<sup>C</sup> History (see list below)	<sup>c</sup> CHEM 1411 – General Chemistry I
<sup>c</sup> BIOL 1406 – Biology for Science Majors I	
Total Semester Hours: 17	Total Semester Hours: 14

## Second Year – Collin College

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

SECOND SEMESTER
<sup>c</sup> GOVT 2306 – Texas Government
<sup>c</sup> Creative Arts (see list below)
<sup>c</sup> CHEM 2423 – Organic Chemistry
* Elective (see list below) (TSU requires PHYS 1402 College Physics II)
Total Semester Hours: 14
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AS: General Studies – Biology Emphasis

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 CC (if offered) or TSU

GEOL 1403 – Physical Geology

\*C Any Core Course (1 credit min)

**Total Semester Hours: 4** 

## 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	BIOL 4462 – Ichthyology
MATH 3450 – Principles of Bio-Statistics	BIOL 3449 – Invertebrate Zoology
ENGL 3309 – Technical Writing and Document Design	
Total Semester Hours: 14	Total Semester Hours: 15

## Fourth Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
BIOL 4441 – Limnology	EASC 3350 – Environmental Science
BIOL 3340 – Introduction to Marine Biology	BIOL 4398 – Current Topics in the Life Sciences
EASC 3340 – Oceanography	BIOL 3430 – Phycology
BIOL 4401 – Ecology	
Total Semester Hours: 14	Total Semester Hours: 10

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>r</sup> Degree availability varies by campus; consult <u>www.tarleton.edu</u> for more information.

may also choose from: MATH 1224, 1225, 1232, 1250, 1251

ENGL 2022, 2023, 2027, 2028, 2022, 2023, 2041, HIST 2011, 2012, 2021, 2022, HUMA 1001, PHIL 100

1301, 1303, 1306, 1313, DANC 2303, DRAM 1310, 2361, 2362, 2366, MUS 1306, 1307, 130

216 1342 2305 2218 2200 2412 2412 2414 2415 AA/AA

1301, 1302, 2301

ANTH 2302, 2346, 2351, ECON 1301, 2301, 2302, PSIC 2301, SOC 1301, 130