



Associate of Science-Biology to
Bachelor of Science in Biology
Environmental Concentration^T



Guided Pathway

Effective for the 2019-2020 Catalog

First Year – Galveston College

FIRST SEMESTER	SECOND SEMESTER
^C ENGL 1301 Composition I	^C ENGL 1302 Composition II
^C MATH 2413 Calculus I	^C MATH 2414 Calculus II
^C BIOL 1406 General Biology I	^C BIOL 1407 General Biology II
^C CHEM 1411 General Chemistry I	^C CHEM 1412 General Chemistry II

Total Semester Hours: 15

Total Semester Hours: 15

Second Year – Galveston College

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

FIRST SEMESTER	SECOND SEMESTER
^C HIST 1301 US History I	^C HIST 1302 US History II
* ^C Communication Core Elective	^C Language, Philosophy & Culture Elective
^C GOVT 2305 Federal Government	^C GOVT 2306 Texas Government
^C CHEM 2423 Organic Chemistry I	^C PHYS 1401 College Physics I
^C Creative Arts Elective	^C Social & Behavioral Science Elective

Total Semester Hours: 16

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AS: Biology

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 taken at Galveston College or TSU	
^C First Year Seminar Elective (Learning Frameworks)	^C MATH 2412 – Pre-Calculus Math
PHYS 1402 – College Physics II (PHYS 1302+1102)	GEOL 1403 – Physical Geology

Total Semester Hours: 13-15

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 (Spring only) <u>OR</u> BIOL 4441 – Limnology (Fall only)
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 4401 – Ecology	EASC 3350 – Environmental Science
BIOL 3340 – Introduction to Marine Biology	BIOL 3415 – Plant Taxonomy
BIOL 3436 – Plant Physiology	BIOL 3430 – Phycology
BIOL 4398 – Current Topics in the Life Sciences	

Total Semester Hours: 14

Total Semester Hours: 11

TOTAL: 129-131

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.

^T Degree availability varies by campus; consult www.tarleton.edu for more information.

For questions about the university portion of this pathway,
Contact the Biology Department at 254-968-9159.