



Associate of Science-Biology to
Bachelor of Science in Biology
Terrestrial Ecology 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

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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)	

Total Semester Hours: 9-11

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
BIOL 2300 – Cell Biology	BIOL 3407 – Microbiology
BIOL 3303 – Genetics	BIOL 4401 – Ecology
BIOL 3103 – Genetic Techniques	BIOL 3449 – Invertebrate Zoology
MATH 3450 – Principles of Bio-Statistics	BIOL 4320 – Behavioral Ecology
ENGL 3309 – Technical Writing and Document Design	BIOL 3353 – Ecology and Evolution

Total Semester Hours: 14

Total Semester Hours: 18

Fourth Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
BIOL 4445 – Parasitology OR BIOL 3436 – Plant Physiology	BIOL 4398 – Current Topics in the Life Sciences
WSES 4309 – Plant-Animal Interactions	WSES 4311 – Fire Ecology
Advanced Biology Elective Requirement	BIOL 4430 – Ornithology OR BIOL 4440 – Herpetology OR BIOL 4451 – Mammalogy
Advanced Elective	

Total Semester Hours: 13

Total Semester Hours: 10

TOTAL: 126-128

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.