Associate of Science in Biology
Bachelor of Science in Biology – Environmental Concentration [T]
Guided Pathway
Effective for the 2019-2020 Catalog

First Year – Paris Junior College

FIRST SEMESTER	SECOND SEMESTER
[C]**BIOL 1406** – Biology for Science Majors I (030)	[C]**BIOL 1407** – Biology for Science Majors II (030)
CHEM 1411 – General Chemistry I	**CHEM 1412** – General Chemistry II
EDUC/PSYC 1300 – Learning Frameworks	[C]**ENGL 1302** – Composition II (010)
[C]**ENGL 1301** – Composition I (010)	[C]**MATH 2312** – Pre-Calculus Math (090)
[C]**MATH 1314** – College Algebra (020)	
Total Semester Hours: 17	Total Semester Hours: 14

Second Year – Paris Junior College
It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
CHEM 2423 – Organic Chemistry I	[C]**GOVT 2306** – Texas Government (070)
[C]**GOVT 2305** – Federal Government (070)	[C]**HIST 1302** – United States History II (060)
[C]**HIST 1301** – United States History I (060)	[C]**HIST 2321** – World Civilizations I (040)
PHYS 1401 – College Physics	[C]**MUSI 1306** – Music Appreciation (050)
	[C]**PSYC 2314** – Lifespan Growth & Development (080)
Total Semester Hours: 14	Total Semester Hours: 15

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 completed at PJC or TSU	
[C]**MATH 2412** – Pre-Calculus Math Core	*Communication Core Elective
PHYS 1402 – College Physics II (PHYS 1302+1102)	**GEOL 1403** – Physical Geology
	Total Semester Hours: 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) **OR**
	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 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.
[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 Biological Sciences department at 254-968-9159.