



Associate of Science in Biology
Bachelor of Science in Biology –
Zoology 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)	

Total Semester Hours: 11

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
BIOL 2300 – Cell Biology	BIOL 3407 – Microbiology
BIOL 3303 – Genetics	BIOL 3406 – Comparative Vertebrate Anatomy
BIOL 3103 – Genetic Techniques	BIOL 3449 – Invertebrate Zoology
MATH 3450 – Principles of Bio-Statistics	Biology Elective Requirement - See below
ENGL 3309 – Technical Writing and Document Design	BIOL 3353 – Ecology and Evolution

Total Semester Hours: 14

Total Semester Hours: 18-19

Fourth Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
BIOL 4340 - Developmental Biology	BIOL 4398 – Current Topics in the Life Sciences
Biology Elective Requirement - See below	Biology Elective Requirement - See below
Biology Elective Requirement - See below	Biology Elective Requirement - See below
Biology Elective Requirement - See below	

Total Semester Hours: 12-15

Total Semester Hours: 9-11

Total Degree Hours: 124-130

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.

Biology Elective Requirement Options: Select a minimum 22 credits from the following:

BIOL 4320 Behavioral Ecology

BIOL 4430 Ornithology

BIOL 4440 Herpetology

BIOL 4445 Parasitology

BIOL 4451 Mammology

BIOL 4462 Ichthyology

BIOL 4460 Animal Physiology

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