



Associate of Science-Biology to  
Bachelor of Science in Biology  
General Concentration<sup>T</sup>



**Guided Pathway**

Effective for the 2019-2020 Catalog

**First Year – Galveston College**

| FIRST SEMESTER                             | SECOND SEMESTER                             |
|--------------------------------------------|---------------------------------------------|
| <sup>C</sup> ENGL 1301 Composition I       | <sup>C</sup> ENGL 1302 Composition II       |
| <sup>C</sup> MATH 2413 Calculus I          | <sup>C</sup> MATH 2414 Calculus II          |
| <sup>C</sup> BIOL 1406 General Biology I   | <sup>C</sup> BIOL 1407 General Biology II   |
| <sup>C</sup> CHEM 1411 General Chemistry I | <sup>C</sup> 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                                      |
|--------------------------------------------|------------------------------------------------------|
| <sup>C</sup> HIST 1301 US History I        | <sup>C</sup> HIST 1302 US History II                 |
| * <sup>C</sup> Communication Core Elective | <sup>C</sup> Language, Philosophy & Culture Elective |
| <sup>C</sup> GOVT 2305 Federal Government  | <sup>C</sup> GOVT 2306 Texas Government              |
| <sup>C</sup> CHEM 2423 Organic Chemistry I | <sup>C</sup> PHYS 1401 College Physics I             |
| <sup>C</sup> Creative Arts Elective        | <sup>C</sup> 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         |                                            |
|----------------------------------------------------------------|--------------------------------------------|
| <sup>C</sup> First Year Seminar Elective (Learning Frameworks) | <sup>C</sup> MATH 2412 – Pre-Calculus Math |
| PHYS 1402 – College Physics II (PHYS 1302+1102)                | General Elective                           |

Total Semester Hours: 12-14

**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           | ENGL 3309 – Technical Writing and Document Design |
| MATH 3450 – Principles of Bio-Statistics | Advanced BIOL Elective                            |

Total Semester Hours: 11

Total Semester Hours: 13

**Fourth Year – Tarleton State University**

| FIRST SEMESTER                    | SECOND SEMESTER                                 |
|-----------------------------------|-------------------------------------------------|
|                                   | BIOL 4398 – Current Topics in the Life Sciences |
| Advanced Elective                 | Advanced Elective                               |
| Advanced BIOL Elective (4 credit) | Advanced BIOL Elective (4 credit)               |
| Advanced BIOL Elective (4 credit) | Advanced BIOL Elective                          |

Total Semester Hours: 11

Total Semester Hours: 13

TOTAL: 122-124

**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>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.