



Associate of Science-Chemistry to  
Bachelor of Science in Chemistry – Forensic 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> HIST 1301 US History I	<sup>C</sup> HIST 1302 US History II
<sup>C</sup> MATH 2413 Calculus I	<sup>C</sup> MATH 2414 Calculus II
<sup>C</sup> CHEM 1411 General Chemistry I	<sup>C</sup> CHEM 1412 General Chemistry II
Total Semester Hours: 14	Total Semester Hours: 14

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> GOVT 2305 Federal Government	<sup>C</sup> Social & Behavioral Science Elective
<sup>C</sup> CHEM 2423 Organic Chemistry I	<sup>C</sup> GOVT 2306 Texas Government
<sup>C</sup> PHYS 2425 University Physics I	<sup>C</sup> CHEM 2425 Organic Chemistry II
BIOL 1406 Biology for Science Majors I	<sup>C</sup> PHYS 2426 University Physics II
<sup>C</sup> Language, Philosophy & Culture Elective	<sup>C</sup> Creative Arts Elective
Total Semester Hours: 15	Total Semester Hours: 17

**AS: Chemistry**

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 GC or TSU**

<sup>C</sup> First Year Seminar Elective (Learning Frameworks)	<b>CRIJ 1306</b> – Court Systems
<b>PHYS 1401</b> – College Physics I (PHYS 1301+1101)	<sup>C</sup> Communication Core Elective
<b>PHYS 1402</b> – College Physics II (PHYS 1302+1102)	<b>CRIJ 1301</b> – Introduction to Criminal Justice

Total Semester Hours: 18-20

**Third Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
<b>BIOL 3407</b> – Microbiology	<b>CHEM 4408</b> – Instrumental Analysis (Spring only)
<b>CHEM 3407</b> – Quantitative Analysis (Fall only)	<b>ENGL 3309</b> – Technical Writing and Document Design
<b>MATH 3450</b> – Principles of Biostatistics	<b>CRIJ 3315</b> – Criminal Evidence
<b>CHEM 4160</b> – Lab Safety & Ethics	Advanced CHEM Elective

Total Semester Hours: 13

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**Fourth Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
<b>CHEM 3423</b> – Physical Chemistry I (Fall only)	<b>CHEM 4378</b> – Biochemistry Lab (Spring only)
<b>CHEM 4374</b> – Biochemistry I (Fall only)	<b>CHEM 4327</b> – Qualitative Organic Analysis (Spring Even)
Advanced CHEM Elective	<b>CRIJ 4316</b> – Methods of Criminal Justice Research
<b>CRIJ 3305</b> – Criminology	

Total Semester Hours: 13

Total Semester Hours: 9

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.

<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.