



Associate of Science-Chemistry to
Bachelor of Science in Chemistry
Interdisciplinary 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 HIST 1301 US History I	^C HIST 1302 US History II
^C MATH 2413 Calculus I	^C MATH 2414 Calculus II
^C CHEM 1411 General Chemistry I	^C 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
^C GOVT 2305 Federal Government	^C Social & Behavioral Science Elective
^C CHEM 2423 Organic Chemistry I	^C GOVT 2306 Texas Government
^C PHYS 2425 University Physics I	^C CHEM 2425 Organic Chemistry II
^C Communication Core Elective	^C PHYS 2426 University Physics II
^C Language, Philosophy & Culture Elective	^C 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

BIOL 1406 – General Biology (BIOL 1306+1106) OR BIOL 1407 – General Biology II (BIOL 1307+1107) OR GEOL 1403 – Physical Geology (GEOL 1303+1103) OR GEOL 1404 – Historical Geology (GEOL 1304+1104) OR GEOL 1407 – Intro to Environmental Science (GEOL 1405 OR GEOL 1305+1105)	Support Field Elective ⁺ (4 credits)
^C First Year Seminar Elective (Learning Frameworks)	Support Field Elective ⁺ (3 credits)
PHYS 1401 – College Physics I (PHYS 1301+1101)	PHYS 1402 – College Physics II (PHYS 1302+1102)

Total Semester Hours: 20-22

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
CHEM 3407 – Quantitative Analysis (Fall only)	CHEM 4408 – Instrumental Analysis (Spring only)
CHEM 4160 – Lab Safety & Ethics	Advanced Elective (4 credits)
ENGL 3309 – Technical Writing and Document Design	Advanced Support Field Elective ⁺ (4 credits)
Advanced CHEM Elective (4 credits)	Advanced Support Field Elective ⁺ (2 credits)
Total Semester Hours: 12	Total Semester Hours: 14

Fourth Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
CHEM 3423 – Physical Chemistry I (Fall only)	Advanced Elective (4 credits)
Advanced CHEM Elective (4 credits)	Advanced Support Field Elective ⁺ (4 credits)
Advanced Support Field Elective ⁺ (4 credits)	
Total Semester Hours: 12	Total Semester Hours: 8

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.

⁺ Possible support fields include Biology, Geoscience, Hydrology, Physics, Business Administration and other fields approved by department heads involved for requirements.

For questions about the University portion of this pathway,
contact the Chemistry, Geoscience and Physics department at 254-968-9143.