

Associate of Science to

Bachelor in Science in Biomedical Science -Pre-Medical/Pre-Dental Concentration T

Guided Pathway Effective for the 2019-2020 catalog¹



➡BHC ➡CVC ➡EFC ➡ECC ➡ MVC ➡ NLC ➡ RLC

First Year – Brookhaven, Cedar Valley, Eastfield, El Centro, Mountain View, North Lake, and Richland College²

FIRST SEMESTER		SECOND SEMESTER	
CENGL 1301 – Composition I	(010)	CENGL 1302 – Composition II	(010)
CHEM 1411 – General Chemistry#	(030)	CHIST 1301 – United States History I	(060)
CBIOL 1406 – Biology for Science Majors I	(030)	CHEM 1412 – General Chemistry II	
EDUC 1300 – Learning Framework [®]		BIOL 1407 – Biology for Science Majors II	

Total Semester Hours: 14 Total Semester Hours: 14

SUMMER SEMESTER		
CENGL 2332 – World Literature I*	(040)	
CHIST 1302 – United States History II*	(060)	

Total Semester Hours: 6

Second Year - Brookhaven, Cedar Valley, Eastfield, El Centro, Mountain View, North Lake, and Richland College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER		SECOND SEMESTER	
CPHED 1164 – Introduction to Physical Fitness and Wellness (090)		CMATH 2413 – Calculus I [*]	(020)
PHYS 1401 – College Physics I		^c GOVT 2306 – Texas Government	(070)
		<u>Choose One:</u> ^c ARTS 1301 – Art Appreciation*,	(050)
		^c DANC 2303 – Dance Appreciation*,	(050)
CPSYC 2301 – General Psychology*	(080)	^c DRAM 1310 – Introduction to Theater*,	(050)
		^c HUMA 1315 – Fine Arts Appreciation*,	(050)
		^c MUSI 1306 – Music Appreciation*	(050)
^C GOVT 2305 – Federal Government	(070)	PHYS 1402 – College Physics II	
CSPCH 1311 – Introduction to Speech Communication* OR	(090)		
CSPCH 1315 – Public Speaking* OR	(090)		
CSPCH 1321 – Business and Professional Communication*	(090)		

Total Semester Hours: 14

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Total Semester Hours: 20

Associate of Science (62 hours)

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information

This course may be taken at DCCCD or TSU		
Elective	BIOL 2300 – Cell Biology	
CHEM 2423 – Organic Chemistry I (CHEM 2323+2123)	CHEM 2425 - Organic Chemistry II (CHEM 2325+1125)	
Elective	Elective	

Third Year - Tarleton State University

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FIRST SEMESTER	SECOND SEMESTER	
MATH 3450 – Principles of Bio-Statistics	BIOL 3407 – Microbiology	
BIOL 3303 – Genetics	BIOL 3353 – Ecology and Evolution	
BIOL 3103 – Genetic Techniques	BIOL 1185 – Career Pathways in Biomedical Science	
BIOL 3406 – Comparative Vertebrate Anatomy	BIOL 4374 (Fall Only) – Biochemistry I	

Total Semester Hours: 12

Total Semester Hours: 11

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
BIOL 4460 – Animal Physiology	BIOL 3380, 3395, 3402 (Summer Only), 3413, 4340, 4350, 4445, 4375 (Spring Only), or 4378 (Spring Only)
ENGL 3309 – Technical Writing and Document Design	BIOL 3485 – Immunology
Advanced Elective Course	BIOL 4398 – Current Topics in the Life Sciences

Total Semester Hours: 10 TOTAL: 125-126 Total Semester Hours: 10-11

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs. 1 Degree plans may change in later catalogs. You may use this pathway if you entered one of the seven colleges on or before this date

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 2 Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by one of the seven DCCCD colleges awarding the degree.

 3 Il college students with fewer than 12 semester credit hours of successful college credit (grade of "C" or above) must take a student success course in the first semester.

 A To register for MATH 2413, students must have completed the prerequisite math courses a follows: MATH 1314, MATH 1316, MATH 2412

 A You should consider completing CHEM 2423 Organic Chemistry II before it hemistry II before transferring to a university.

 # CHEM 1411 has a prerequisite of MATH 1314, or equivalent academic preparation, prior to enrolling in the course.

- C This course counts for the Core Curriculum at any public college or university in Texas.
- * There are several options to fulfill this requirement. See your academic advisor for a specific list.
- You must earn a grade of "C" or better in English 1301 and the selected college-level mathematics course and receive a GPA of at least 2.00 on all college-level course work. () Course numbers shown in parentheses are equivalent to these courses at University. roved: 2019-2020 Guided Pathwa

