



**Associate of Science  
to  
Bachelor of Science degree in Biology  
Guided Pathway  
Effective for the 2018-2019 catalog<sup>1</sup>**

**First Year – Brookhaven, Cedar Valley, Eastfield, El Centro, Mountain View, North Lake, and Richland College<sup>2</sup>**

FIRST SEMESTER		SECOND SEMESTER	
<b>CENGL 1301</b> – Composition I (010)		<b>CENGL 1302</b> – Composition II (010)	
<b>CHIST 1301</b> – United States History I (060)		<b>CHIST 1302</b> – United States History II* (060)	
<b>CBIO 1406</b> – Biology for Science Majors I (030)		<b>CCHEM 1412</b> – General Chemistry II	
<b>CCHEM 1411</b> – General Chemistry# (030)		<b>CBIO 1407</b> – Biology for Science Majors II	
<b>CPHED 1164</b> – Introduction to Physical Fitness and Wellness (090)			

Total Semester Hours: 15

Total Semester Hours: 14

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

It's best to apply to **Texas College** a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER		SECOND SEMESTER	
<b>CENGL 2332</b> – World Literature I* (040)		<b>CMATH 2413</b> – Calculus I^* (020)	
<b>CGOVT 2305</b> – Federal Government (070)		<b>CGOVT 2306</b> – Texas Government (070)	
<b>PHYS 1401</b> – College Physics I		<b>Choose One:</b> <b>CARTS 1301</b> – Art Appreciation*, (050)	
		<b>DANC 2303</b> – Dance Appreciation*, (050)	
		<b>DRAM 1310</b> – Introduction to Theater*, (050)	
		<b>HUMA 1315</b> – Fine Arts Appreciation*, (050)	
		<b>MUSI 1306</b> – Music Appreciation* (050)	
<b>CPSYC 2301</b> – General Psychology* (080)		<b>PHYS 1402</b> – College Physics II	
<b>Elective (1 hour)</b>			
<b>CSPCH 1311</b> – Introduction to Speech Communication* <b>OR</b> (090)			
<b>CSPCH 1315</b> – Public Speaking* <b>OR</b> (090)			
<b>CSPCH 1321</b> – Business and Professional Communication* (090)			

Total Semester Hours: 17

Total Semester Hours: 14

**Associate of Science (60 hours)**

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

**Third Year Courses – Texas College**

FIRST SEMESTER		SECOND SEMESTER	
<b>BIOL 2471</b> – Human Anatomy I		<b>BIOL 2472</b> – Human Anatomy II	
<b>BIOL 2470</b> – General Botany		<b>BIOL 3474</b> - Ecology	
<b>BIOL 2473</b> – Microbiology		Any Elective (3 hour)	
<b>CHEM 2470</b> – Organic Chemistry I		<b>CHEM 2471</b> – Organic Chemistry II	
<b>ASSEM 1100</b> – College Assembly		<b>ASSEM 1100</b> – College Assembly	

Total Semester Hours: 16.5

Total Semester Hours: 15.5

**Fourth Year Courses – Texas College**

FIRST SEMESTER		SECOND SEMESTER	
<b>BIOL 3471</b> – Genetics		<b>BIOL 4470</b> – Vertebrae Embryology	
<b>BIOL 4470</b> – Molecular Cell Biology		Any Elective (3hours)	
<b>BIOL 4471</b> – Comparative Vertebrae		Any Elective (3hours)	
Any Elective (3hours)		Any Elective (3hours)	
Any Elective (3 hour)		Any Elective (3 hour)	
<b>ASSEM 1100</b> – College Assembly		<b>ASSEM 1100</b> – College Assembly	

Total Semester Hours: 17.5

Total Semester Hours: 16.5

**This is not an official degree plan. Check with an advisor.**

<sup>1</sup> 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.  
<sup>2</sup> 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.  
<sup>^</sup> To register for MATH 2413, students must have completed the prerequisite math courses as follows: MATH 1314, MATH 1316, MATH 2412  
<sup>+</sup> You should consider completing CHEM 2423 – Organic Chemistry I **AND** CHEM 2425 – Organic Chemistry II before transferring to a university.  
<sup>#</sup> CHEM 1411 has a prerequisite of MATH 1314, or equivalent academic preparation, prior to enrolling in the course.  
<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.  
<sup>\*</sup> 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.

Approved: 2018-2019 Guided Pathway

For questions about the University portion of this guided pathway, Contact Johns Roberts, Dean of Enrollment Management at 903-593-8311, Ext. 2206 or jroberts@texascollege.edu.