



**Associate of Science to
Bachelor of Science in Mathematics with Secondary Certification
Guided Pathway
Effective for the 2019-2020 catalog¹**



BHC ^{STEM} 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
^C ENGL 1301 – Composition I (010)	^C ENGL 1302 – Composition II (010)
^C HIST 1301 – United States History I (060)	^C HIST 1302 – United States History II* (060)
^C MATH 2413 – Calculus I ^{A*} (020)	^C PHED 1164 – Introduction to Physical Fitness and Wellness (090)
EDUC 1300 – Learning Framework [@]	MATH 2414 – Calculus II
^C SPCH 1311 – Introduction to Speech Communication* (090) OR	Choose One: ^C PHYS 2425 – University Physics I+ (030)
^C SPCH 1315 – Public Speaking* (090)	^C CHEM 1411 – General Chemistry I+ (030)
	^C BIOL 1406 – Biology for Science Majors I+ (030)

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 Wesleyan 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
Choose One: ^C ENGL 2326 – American Literature* (040)	MATH 2318 or 2418 – Linear Algebra+
^C ENGL 2331 – World Literature* (040)	
^C PHIL 1301 – Introduction to Philosophy* (040)	Choose One: COSC 1436 – Programming Fundamentals I+
^C GOVT 2305 – Federal Government (070)	COSC 1437 – Programming Fundamentals II+
MATH 2415 – Calculus III	COSC 1301 – Introduction to Computing+
Choose One: ^C ECON 2301 – Principles of Macroeconomics* (080)	^C GOVT 2306 – Texas Government (070)
^C PSYC 2301 – General Psychology* (080)	Choose One: ^C ARTS 1301 – Art Appreciation* (050)
^C SOCI 1301 – Introduction to Sociology* (080)	^C DRAM 1310 – Introduction to Theater* (050)
Choose One: ^C PHYS 2426 – University Physics II+ (030)	^C MUSI 1306 – Music Appreciation* (050)
^C CHEM 1412 – General Chemistry II+ (030)	MATH 2320 or 2420 – Differential Equations+ OR
^C BIOL 1407 – Biology for Science Majors II+ (030)	MATH 2305 – Discrete Mathematics+

Total Semester Hours: 17

Total Semester Hours: 15-16

Associate of Science (60-61 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 Wesleyan University

FIRST SEMESTER	SECOND SEMESTER
Religion Credit (3 hours – PHIL 1304, 2306)	PHY 1402 – University Physics (PHYS 1402)
PHY 1401 – University Physics (PHYS 1401)	EDU 2100 – Foundations of Education
MAT 3321 – Linear Algebra	EDU 3342 – Instruction, Assessment, & Classroom Management Secondary (EDUC 1301)
MAT 3311 – Intro Probability Statistics	EDU 3338 – Computers as a Classroom Tool
	MAT 3336 – Modern Algebra

Total Semester Hours: 16

Total Semester Hours: 14

SUMMER TERM

MAT 3341 – Geometry for Classroom Teachers
EDUC 2301 – Introduction to Special Populations (at DCCCD)

Total Semester Hours: 6

Fourth Year Courses – Texas Wesleyan University

FIRST SEMESTER	SECOND SEMESTER
MAT 4380 – Teaching Math in Secondary School	RDG 4347 – Reading in the Content Area
MAT 4190 – Capstone in Teaching Math in Secondary School	EDU 4604 – Clinical Teaching in Secondary School
EDU 4331 – Instruction in Mixed-Ability K-12 Classrooms	Senior Level Math Elective (3 hours)
Sophomore Level Math Elective (3 hours)	
Junior Level Math Elective (3 hours)	

Total Semester Hours: 13

Total Semester Hours: 12

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.

¹ You may use this pathway if you entered one of the seven colleges on or before this date.

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

[@] All college students with fewer than 12 semester credit hours of successful college credit (grade of "C" or above) should take a student success course in the first semester.

Does not Transfer to Texas Wesleyan.

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

⁺ Choose the appropriate Science, Math, and Computer Science course based on the university to which you will transfer. See your academic advisor for details. **COSC 1301 only transfers to Texas Wesleyan as an Elective.**

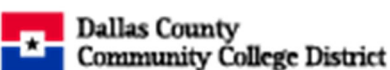
^C This course counts for the Core Curriculum at any public college or university in Texas.

^{*} 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 Texas Wesleyan University.

Approved: 2019-2020 Guided Pathway



For questions about the University portion of this guided pathway, Contact the Texas Wesleyan Office of Admissions at (817) 531-4422 or admissions@txwes.edu.