



TRANSFER PATHWAY
(For Transfer to Texas A&M University-Commerce)
ASSOCIATE OF ARTS IN TEACHING – MATHEMATICS, 8-12 TO
BACHELOR OF SCIENCE IN MATHEMATICS-SECONDARY CERTIFICATION

Catalog Year 2020-2021 You may use this pathway if you entered Dallas College on or before this date.

Career Path Education

Available at Brookhaven, Cedar Valley, Eastfield, El Centro, North Lake and Richland Campuses

TSI Must be Complete

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

Although there may be several options to fulfill certain requirements for the associate's degree, please note that this pathway lists the specific courses leading to this bachelor's degree. All plans can be modified to fit the needs of part-time students. This is not an official degree plan. Refer to catalog for official degree requirements. You must receive a GPA of at least 2.50 on all college-level course work. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. Certain courses for this program are only offered at the Brookhaven Campus, Cedar Valley Campus, Eastfield Campus, El Centro Campus, North Lake Campus and Richland Campus. Contact your advisor for information.

AAT DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

COMPLETE PRIOR TO TRANSFER

Students must choose 2 of the following 3 courses and earn a grade of "C" or higher for the pathway leading to this bachelor's degree:
MATH 2305, MATH 2318/2418, MATH 2320/2420

SEMESTER 1

Total Hours: 16

ENGL 1301 – Composition I *This is a (CB 010) Core course. Must earn a grade of "C" or higher.*

HIST 1301 – United States History I *This is a (CB 060) Core course.*

MATH 1316 – Plane Trigonometry* *This is a (CB 020) Core course. Must earn a grade of "C" or higher. Requires MATH 1314 as a prerequisite.*

Social/Behavioral Science Core Elective* *This is a (CB 080) Core course.*

PHED 1164 – Introduction to Physical Fitness and Wellness* *This is a (CB 090) Core course.*

CHOOSE ONE: **SPCH 1311** – Introduction to Speech Communication* *This is a (CB 090) Core course. OR*
SPCH 1321 – Business and Professional Communication* *This is a (CB 090) Core course. OR*
SPCH 1315 – Public Speaking* *This is a (CB 090) Core course.*

* There are several options to fulfill this requirement. Contact your academic advisor for a specific list.

SEMESTER 2

Total Hours: 16

ENGL 1302 – Composition II *This is a (CB 010) Core course.*

GOVT 2305 – Federal Government *This is a (CB 070) Core course.*

HIST 1302 – United States History II* *This is a (CB 060) Core course.*

Language, Philosophy and Culture Core Elective* *This is a (CB 040) Core course.*

MATH 2412 – Pre-Calculus Math* *Texas A&M University-Commerce requires a grade of "C" or higher.*

* There are several options to fulfill this requirement. Contact your academic advisor for a specific list.

SEMESTER 3

Total Hours: 14

GOVT 2306 – Texas Government *This is a (CB 070) Core course.*

EDUC 1301 – Introduction to the Teaching Profession

Science Core Elective* *This is a (CB 030) Core course. Texas A&M University-Commerce requires PHYS 2425 and a grade of "C" or higher.*

MATH 2413 – Calculus I* *Texas A&M University-Commerce requires a grade of "C" or higher.*

* There are several options to fulfill this requirement. Contact your academic advisor for a specific list.

SEMESTER 4

Total Hours: 14

MATH 2414 – Calculus II* *Texas A&M University-Commerce requires a grade of "C" or higher.*

EDUC 2301 – Introduction to Special Populations

Science Core Elective* *This is a (CB 030) Core course.*

Creative Arts Core Elective* *This is a (CB 050) Core course.*

* There are several options to fulfill this requirement. Contact your academic advisor for a specific list.

TEXAS A&M UNIVERSITY-COMMERCE
(For Transfer From Dallas College)
ASSOCIATE OF ARTS IN TEACHING – MATHEMATICS, 8-12 TO
BACHELOR OF SCIENCE IN MATHEMATICS-SECONDARY CERTIFICATION

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

For questions about the Texas A&M University-Commerce portion of this transfer pathway, contact the **Academic Advising Office at (903) 886-5000** or **Brittany Hiller at Brittany.Hiller@tamuc.edu** or **Dr. Melanie Fields at Melanie.Fields@tamuc.edu**. It is best to apply to Texas A&M University-Commerce a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application. To be fully admitted to the Teacher Preparation Program, you must have a GPA of 2.75 or higher. The math and education courses will need a grade of C or higher for acceptance to student teaching.

SEMESTER 1 (Fall) Total Hours: 18

- Math 402** – Intro to Mathematical Probability
- Math 426** – History of Mathematics
- Math 460** – Math for Secondary Teachers
- PSY 300** – Learning Processes & Development
- COSC 1436** – Intro to Computer Science & Prog
- SED 330** – Roles and Responsibilities of STEM Teachers

Consider taking **MATH 2415 Calculus III**, **MATH 332 Methods of Mathematical Proofs** and **Math 372 Structures and Apps** (either the summer prior to transfer, a summer between any other year, or you will need to add into a semester below).

SEMESTER 2 (Spring) Total Hours: 15

- Math 334** – Intro to Abstract Algebra
- CHOOSE ONE:** **Math 403** – Intro to Mathematical Statistics **OR**
Math 453 – Essentials of Statistics
- Math 437** – Elementary Number Theory
- SED 331** – Instructional Design for STEM Teachers
- RDG 380** – Comprehension & Vocab (THEA/SAT/ACT requirements)

SEMESTER 3 Total Hours: 15

- CHOOSE ONE:** **COSC 1437** – Programming Fundamentals II **OR**
COSC 2325 – Machine Lang/Comp Org
- Math 321** – College Geometry
- Math Elective** – See Catalog
- Math Elective** – See Catalog
- SED 332** – Project Based Learning

SEMESTER 4 Total Hours: 15

- Student Teaching Semester – Full Day Teaching Semester
- SED 400** – Pedagogy & Classroom Management
- SED 401** – Tech Infused Curriculum & Assessment
- SED 404** – Secondary Teaching Practicum
- SED 405** – Secondary Residency in Teaching

Degree Total: 122 hours