

Bachelor of Science – Mathematics

2026-2027 Transfer Guide

Texas A&M University–Central Texas

The courses outlined in this section provide a year-by-year guide for full-time students, fulfilling the requirements for the **Bachelor of Science in Mathematics** at Texas A&M University–Central Texas. All guides can be adjusted to accommodate the needs of part-time students. For the official degree requirements, please refer to the Texas A&M University–Central Texas [catalog](#).

BACHELOR OF SCIENCE IN MATHEMATICS

YEAR 1	TOTAL HOURS:34
CORE 010 ¹ – Communications	3 SCH
MATH 2413 ⁴ – Calculus I (CORE 020)	4 SCH
CORE 050 ¹ – Creative Arts	3 SCH
CORE 030 ¹ – Life and Physical Sciences	4 SCH
COSC 1336 ⁴ – Programming Fundamentals I	3 SCH
CORE 040 ¹ – Language, Philosophy, and Culture	3 SCH
CORE 030 ¹ – Life and Physical Sciences	3 SCH
CORE 080 ¹ – Social and Behavioral Sciences	3 SCH
MATH 2414 ⁴ – Calculus II (CORE 090)	4 SCH
ELECTIVE ^{2,3} – Any Level Elective	4 SCH
YEAR 2	TOTAL HOURS:29
CORE 010 ¹ – Communications	3 SCH
CORE 060 ¹ – American History	3 SCH
CORE 070 ¹ – Government/Political Science	3 SCH
MATH 2415 ⁴ – Calculus III	4 SCH
ELECTIVE ^{2,3} – Any Level Elective	3 SCH
CORE 060 ¹ – American History	3 SCH
CORE 070 ¹ – Government/Political Science	3 SCH
MATH 2318 – Linear Algebra	3 SCH
ELECTIVE ^{2,3} – Any Level Elective	4 SCH
YEAR 3	TOTAL HOURS:33
MATH 3350 – Principles of Bio-Statistics	3 SCH
MATH 3301 – Number Theory	3 SCH
MATH 3309 – Algebraic Function	3 SCH
MATH 3315 – Mathematics & Technology	3 SCH
ELECTIVE – Upper-Level Computer Science Elective	3 SCH
MATH 3310 – Discrete Mathematics	3 SCH
MATH 3311 – Probability & Statistics I	3 SCH
MATH 3332 – Linear Algebra	3 SCH
MATH 3360 – Numerical Analysis I	3 SCH
MATH 3370 – An Introduction to Linear Programming	3 SCH
ELECTIVE ³ – Upper-Level Elective	3 SCH
YEAR 4	TOTAL HOURS:24
MATH 4303 – Mathematics for Data Science	3 SCH
ELECTIVE ³ – Upper-Level Elective	3 SCH
ELECTIVE ³ – Upper-Level Elective	3 SCH
ELECTIVE ³ – Upper-Level Elective	3 SCH
MATH 4312 – Mathematics in Artificial Intelligence	3 SCH
ELECTIVE ³ – Upper-Level Elective	3 SCH
ELECTIVE ³ – Upper-Level Elective	3 SCH

TOTAL CREDITS: 120 HOURS**NOTES**

Texas A&M–Central Texas only offers upper-level courses (those labeled 3XXX-5XXX), all lower-level courses (those labeled 1XXX-2XXX) should be completed at the transferring institution. A minimum of 120 semester credit hours is required for all baccalaureate degrees. For help with transfer planning, please speak with an [academic advisor](#) or [enrollment specialist](#). ***This transfer guide is intended for planning and visualization purposes and is subject to change.***

1. Refer to the General Education Core Requirements [page](#) for more information on the CORE Requirement coursework.
2. Any level electives may be taken at either at Texas A&M University-Central Texas or another institution. Please consult an academic advisor prior to selecting any-level electives.
3. Courses for the support field should be chosen from an academic area in which mathematics is applicable and must be selected in consultation with the program coordinator or department chair.
4. Lower Level Electives, Any Level Electives, Component Area Options, or Degree Requirements (DEG REQ) may consist of the FOS courses: MATH 2413, MATH 2414, MATH 2415, MATH 2318 or 2418, MATH 2320 or 2420, PHYS 2425 or lecture and lab, choose one from the following: ENGR 2304, COSC 1336 or 1436, COSC 1337 or 1437, COSC 2336 or 2436, COSC 2325 or 2425.