



Associate of Science in Mathematics to
Bachelor of Science in Mathematics
With a Pre-Actuarial Concentration †
Guided Pathway
 Effective for the 2021-2022 Catalog
First Year – Tyler Junior College

FIRST SEMESTER	SECOND SEMESTER
^C MATH x3xx Mathematics Core*	MATH 2413 Calculus I
^C ENGL 1301 Composition I	^C ENGL 1302 Composition II*
^C HIST 1301 US History I	^C HIST 1302 US History II*
^C EDUC 1300 Learning Framework*	^C xxxx x3xx Social and Behavioral Sciences Core (TSU requires ECON 2301)
^C xxxx x3xx Language, Philosophy & Culture	^C xxxx x4xx Life and Physical Sciences Core (TSU requires PHYS 2425)

Total Semester Hours: 15

Total Semester Hours: 17

Second Year – Tyler Junior College

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

FIRST SEMESTER	SECOND SEMESTER
MATH 2414 Calculus II	MATH 2320 Differential Equations*
^C GOVT 2305 Federal Government	^C GOVT 2306 Texas Government
^C xxxx x4xx Life and Physical Sciences Core	^C xxxx x3xx Creative Arts Core
^C SPCH 1315 Public Speaking* (TSU requires SPCH 1321)	xxxx x1xx Elective
	MATH 2415 Calculus III

Total Semester Hours: 14

Total Semester Hours: 14

AS: Mathematics

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

These courses may be completed at TJC (if offered) or TSU	
MATH 2318 Linear Algebra	COSC 1310 Procedural Programming
ECON 2302 Principles of Microeconomics	ACCT 2301 Principles of Accounting I – Financial
ACCT 2302 Principles of Accounting II – Managerial	
Total Semester Hours: 9	Total Semester Hours: 6

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Total Semester Hours: 14	Total Semester Hours: 13

Fourth Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Total Semester Hours: 12	Total Semester Hours: 12

Total Degree Hours: 126

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.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

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

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

† Degree availability varies by campus; consult www.tarleton.edu for more information.