



Transfer Plans

2025-2026



Associate of Science in General Studies

Bachelor of Science with a Major in Mathematics

The following is a suggested two-year transfer plan. Students are encouraged to see their advisor each semester for help with program decisions and enrollment. In addition, students are responsible for meeting with their academic advisor for additional requirements to transfer to TAMIU.

1ST SEMESTER			SCH	Notes
LC	ENGL 1301	Composition I (010)	3	
	HIST 1301	United States History I (060)	3	
	MATH 2413	Calculus I (020)	4	(TR)
		Life & Physical Science (030)	3	
		Life & Physical Science Lab	1	(TR)
			14	

2ND SEMESTER			SCH	Notes
LC	ENGL 1302	Composition II (010)	3	
	HIST 1302	United States History II (060)	3	
		Life & Physical Science (030)	3	
		Creative Arts (050)	3	
		Minor/General Elective	3	
			15	

3RD SEMESTER			SCH	Notes
LC	GOVT 2305	Federal Govenment (070)	3	
	MATH 2414	Calculus II	4	
	COSC 1436	Programming Fundamentals I	4	
		Language/Philosophy/Culture (040)	3	
		Component Area Option (090)	3	
			17	

4TH SEMESTER			SCH	Notes
LC	GOVT 2306	Texas Government (070)	3	
	MATH 2415	Calculus III	4	
		Social/Behavioral Science (080)	3	
		Component Area Option (090)	3	
		Minor/General Elective	3	
			16	

5TH SEMESTER			SCH	Notes
TAMIU	MATH 3310	Introduction to Linear Algebra	3	
	MATH 3360	Statistical Analysis	3	
	MATH 3365	Discrete Mathematics	3	
		Foreign Language/Study Abroad	3	
		General Elective	1	
			13	

6TH SEMESTER			SCH	Notes
TAMIU	MATH 3330	Ordinary Diff Equations	3	
	MATH	Advanced Elective	3	
	MATH	Advanced Elective	3	
		Foreign Language/Study Abroad	3	
		Advanced Minor/General Elective	3	
			15	

7TH SEMESTER			SCH	Notes
TAMIU	MATH 3371	Communications in Mathematics	3	
	MATH 4310	Abstract Algebra I	3	
	MATH 4335	Advanced Calculus	3	
	MATH	Advanced Elective	3	
		Advanced Minor/General Elective	3	
			15	

8TH SEMESTER			SCH	Notes
TAMIU	MATH 4345	Complex Variables	3	
	MATH	Advanced Elective	3	
	MATH	Advanced Elective	3	
		Advanced Minor/General Elective	3	
		Advanced Minor/General Elective	3	
			15	

Total SCH Required for Degree **120**

Important Details to Remember

TAMIU Requirement (TR) - Courses noted with (TR) are additional TAMIU requirements.

Total SCH required for degree 120.

The degree plan follows the selection of a No-Minor Minor. If a different minor is selected the student may need to fit 6 additional SCH to the degree plan.

LC Degree Plan: <https://www.laredo.edu/Academic-Career-Pathways/science-technology-engineering-mathematics/as-general-studies.html>

TAMIU Degree Plan: <https://catalog.tamiau.edu/undergraduate-information/arts-sciences/mathematics-physics/bachelor-science-major-mathematics-bs/>

Transfer Plan is subject to change. Students are encouraged to see their advisor each semester for help with program decisions and enrollment.