



Appendix A:

ASU Bachelor of Science in Mathematics, Secondary Teacher Certification With AS Transfer from SWTX

Student Name _____ SWTX ID# _____ Date _____

Email _____@SWTJC.EDU Advisor _____

SWTX Fall Semester Year 1		sch	SWTX Spring Semester Year 1		sch
EDUC 1300	Learning Framework ¹	3	ENGL 1302	Composition II	3
ENGL 1301	Composition I	3	CHEM 1311	General Chemistry I	3
BIOL 1308	Biology for Non-Science Majors I	3	CHEM 1111	General Chemistry I Lab	1
Math 2312	Pre-Calculus Mathematics	3	GOVT 2305	Federal Government	3
Core Course	Creative Arts	3	Math 1316	Plane Trigonometry	3
			SPCH 1315	Public Speaking	3
		15			16
SWTX Fall Semester Year 2		sch	SWTX Spring Semester Year 2		sch
MATH 2413	Calculus I	4	MATH 2414	Calculus II	4
GOVT 2306	Texas Government	3	PHYS 2325	University Physics I	3
COSC 1336	Programming Fundamentals I	3	PHYS 2125	University Physics I Lab	1
HIST 1301	U. S. History I	3	HIST 1302	U. S. History II	3
BIOL 1309	Biology for Non-Science Majors II	3	Core Course	Social & Behavioral Sciences Core	3
			Core Course	Language, Philosophy, Culture Core	3
		16			17
Core Courses SWTX 42 sch			AS SWTX Total 64 sch		

¹ EDUC 1300 required of all first time in college students. EDUC 1300 does not count toward degree requirements at SWTX. COLS 0300 required for students with any TSI deficiencies and does not count toward a degree at SWTX. EDUC 1300 will transfer as ASU's USTD NENA and is approved to substitute ASU's GS 1181 (Freshman Seminar (ASU course requirement)) for the purpose of this agreement with the Department of Mathematics.

ASU Summer I Semester Year 1*		sch	ASU Summer II Semester Year 1*		sch
MATH 3415	Calculus III	4	MATH 2305	Discrete Mathematics	3
		4			3
ASU Fall Semester Year 1		sch	ASU Spring Semester Year 1		sch
MATH 4321	College Geometry	3	MATH 3300	Introduction to Abstract Mathematics	3
EPSY 3303	Child and Adolescent Development	3	ED 4321	Secondary Learning Theories and Curriculum	3
MATH 4171	Internship	1	MATH 3310	Introduction to Problem Solving	3
MATH 3307	Probability and Statistics	3	RDG 4320	Reading in the Secondary School Content Areas	3
MATH 3301	Linear Algebra	3	MATH 4181	Seminar in Mathematics	1
		13			13
ASU Fall Semester Year 2		sch	ASU Spring Semester Year 2		sch
MATH 4301, 4331, 4351	Abstract Algebra, Analysis, Topology	3	ED 4973	Supervised Teaching in the High School	9
ED 4322*	Teaching Techniques in the Secondary School	3	ED 4323	Teaching in the Secondary School	3
MATH 4322	A Survey of Mathematics with Applications	3			
EPSY 3314	Culturally Diverse Learners	3			
		12			12
BS Total SWTX 64 + 57 ASU			BS Complete Total 121 sch		

Additional Notes

Please note: This guide is for students to utilize as a reference of what courses they can take at each institution. It's possible for students to take these courses in a different sequence if they are coming in with prior credit or if there are changes to course offerings and degree plans. Therefore, it is encouraged for students to reach out to their academic advisor at each institution to discuss current course options and sequences.

*MATH 4322: Due to the semester of student teaching, it is difficult to complete the required Mathematics courses in three semesters due to prerequisite courses that need to be completed before certain courses such as MATH 4322. Therefore, a summer term was added as the first semester that a student would transfer to ASU to accommodate the prerequisites for MATH 4322. If a student is not able to start at ASU during the summer terms, then it is encouraged for students to be in touch with their advisor at each institution to determine the best sequence of courses to take.

This transfer guide is active under the 2024-2025 and 2025-2026 Catalogs at ASU, students utilizing this transfer guide shall have full acceptance of academic credits earned at SWTX.

Revised: March **25, 2024** by: R. Davis (SWTX) & M. Hernandez (ASU)