



SOUTHWEST
TEXAS ★ COLLEGE

Appendix A:

Associate of Science in Biological Science to Bachelor of Science in Biology Academic Map ASU



SWTX Fall Semester Year 1		sch	SWTX Spring Semester Year 1		sch
EDUC 1300	Learning Framework ¹	3	Core Course	Creative Arts	3
ENGL 1301	Composition I	3	ENGL 1302	Composition II	3
HIST 1301	U. S. History I	3	HIST 1302	U.S. History II	3
BIOL 1306	Biology for Science Majors I	3	BIOL 1307	Biology for Science Majors II	3
BIOL 1106	Biology for Science Majors I Lab	1	BIOL 1107	Biology for Science Majors II Lab	1
MATH 1314	College Algebra	3	MATH 1316 OR 2312	Plane Trigonometry OR Precalculus Math	3
		16			16
SWTX Fall Semester Year 2		sch	SWTX Spring Semester Year 2		sch
BIOL 1411 OR BIOL 2401	General Botany OR Anatomy & Physiology I ³	4	GOVT 2306	Texas Government	3
GOVT 2305	Federal Government	3	CHEM 1312	General Chemistry II	3
SPCH 1315	Public Speaking	3	CHEM 1112	General Chemistry II Lab	1
CHEM 1311	General Chemistry I	3	Core Course	Social & Behavioral Sciences	3
CHEM 1111	General Chemistry I Lab	1	Core Course	Language, Philosophy & Culture	3
			BIOL 1413 OR BIOL 2402	General Zoology OR Anatomy & Physiology II ²	4
		14			17
Core Total SWTX 42			ASSOCIATES OF SCIENCE (AS) SWTX Total 63 sch		

¹ EDUC 1300 is 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 Biology.

² Students interested in Pre-Health Professions are encouraged to take BIOL 2401- Anatomy & Physiology I and BIOL 2402- Anatomy & Physiology II during their second year. By taking both classes at SWTX, this is approved to substitute ASU's BIOL 2323/2123- Human Anatomy and BIOL 2324/2124- Human Physiology. Students must take both Anatomy & Physiology I & II at SWTX to receive credit for this substitution per ASU's Department of Biology.

ASU Fall Semester Year 3		sch	ASU Spring Semester Year 3		sch
Science Elective ³		4	Science Elective ³		4
Elective		3	Biology (advanced) ⁴		4
Elective ⁴		2-4	BIOL 3301	Genetics	3
Elective		3	Biology (advanced)		3
Elective (advanced)		3			
		15-17			14
ASU Fall Semester Year 4		sch	ASU Spring Semester Year 4		sch
Elective		3	BIOL 4181	Seminar in Biology	1
BIOL 3403	Cell Biology	4	Elective (advanced)		3
BIOL 4451	Principles of Ecology	4	Elective (advanced)		4
BIOL 4303	Evolution	3	Biology (advanced)		4
			Elective		3
		14			15
			B.S. Biology Total Degree Hours 121-123		



Appendix A:

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³ Science credits must be from Biology, Physics, Geology, Computer Science, Animal Science, or Natural Resource Management. Many graduate programs and health professions schools require two semesters of Physics 1301/1101 and 1302/1102.

⁴ Some graduate programs and health professions schools require one semester of calculus, and all health professions schools require one semester of mathematical statistics (MATH 3321) or biometry (BIOL 4480). Students perusing a graduate program should consider taking MATH 2413, 2414, or 3321 or BIOL 4480. It is encouraged for students to work with their advisor on selecting the course that works best for their graduate program and that they have met the prerequisite requirements for that course.

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.

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.