



SOUTHWEST
TEXAS ★ COLLEGE

ASU Bachelor of Science in Biology with AS Transfer from SWTX



SWTX Fall Semester Year 1

Courses		sch
EDUC 1300	Learning Framework ¹	3
ENGL 1301	Composition I	3
HIST 1301	U. S. History I	3
BIOL 1306	Biology for Science Majors I	3
BIOL 1106	Biology for Science Majors I Lab	1
MATH 1314	College Algebra	3
		16

SWTX Fall Semester Year 2

Courses		sch
BIOL 1411 OR BIOL 2401	General Botany OR Anatomy & Physiology I ²	4
GOVT 2305	Federal Government	3
SPCH 1315	Public Speaking	3
CHEM 1311	General Chemistry I	3
CHEM 1111	General Chemistry I Lab	1
		14

SWTX Spring Semester Year 1

Courses		sch
Core Course	Creative Arts	3
ENGL 1302	Composition II	3
HIST 1302	U.S. History II	3
BIOL 1307	Biology for Science Majors II	3
BIOL 1107	Biology for Science Majors II Lab	1
		13

SWTX Spring Semester Year 2

Courses		sch
GOVT 2306	Texas Government	3
CHEM 1312	General Chemistry II	3
CHEM 1112	General Chemistry II Lab	1
Core Course	Social & Behavioral Sciences	3
Core Course	Language, Philosophy & Culture	3
BIOL 1413 OR BIOL 2402	General Zoology OR Anatomy & Physiology II ²	4
		17

Core Total SWTX 42

ASSOCIATES OF SCIENCE (AS) SWTX Total 60 sch

¹ EDUC 1300 is required of all first time in college students. 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. 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 1

Courses		sch
Science Elective ³		4
MATH 1316, 2312, 2413, 2414 OR 3321 ⁴	Trigonometry with Analytic Geometry, Precalculus, Calculus I, Calculus II, OR Statistics	3-4
Elective		2-3
Elective		3
Elective (advanced)		3
		15-17

ASU Spring Semester Year 1

Courses		sch
Science Elective ³		4
Biology (advanced)		4
BIOL 3301	Genetics	3
Biology (advanced)		3
		14

ASU Fall Semester Year 2

Courses		sch
Elective		3
BIOL 3403	Cell Biology	4
BIOL 4451	Principles of Ecology	4
BIOL 4303	Evolution	3
Elective		3
		17

ASU Spring Semester Year 2

Courses		sch
BIOL 4181	Seminar in Biology	1
Elective (advanced)		3
Elective (advanced)		4
Biology (advanced)		4
Elective		3
		15

B.S. Biology Total Degree Hours 121-123

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.

Minors are optional but recommended.

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.

For information regarding the Major Field Test (MFT) graduation requirement, Pre-Medical and Pre-Dental students, Pre-Occupational Therapy students, and Pre-Physical Therapy students, please refer to the ASU course catalog Biology degree plans: <https://www.angelo.edu/academics/catalog/>