



ASU Bachelor of Science in Biology with Life Science Secondary Teacher Certification 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	General Botany	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 ²	3
CHEM 1112	General Chemistry II Lab ²	1
Core Course	Social & Behavioral Sciences	3
Core Course	Language, Philosophy & Culture	3
BIOL 1413	General Zoology	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 ASU does have a CHEM 2353/2153 Chemistry requirement; however, the Chemistry requirement can be satisfied by CHEM 1312/1112.

ASU Fall Semester Year 1

Courses		sch
Elective		1-3
Chemistry, Geology, Physical Science or Physics (see program) ⁴		3-4
Biology (advanced)		4
BIOL 4451	Principles of Ecology	4
		12-15

ASU Spring Semester Year 1

Courses		sch
ED 4321*	Secondary Learning Theories and Curriculum	3
Biology (advanced)		3
BIOL 3301	Genetics	3
Biology (advanced)		4
MATH 1316, 2312, 2413, 2414, OR 3321	Trigonometry with Analytic Geometry, Precalculus, Calculus I, Calculus II OR Statistics	3-4
		16-17

ASU Summer I Semester Year 1

Courses		sch
EPSY 3314	Culturally Diverse Learners	3
		3

ASU Summer II Semester Year 1

Courses		sch
EPSY 3303	Child and Adolescent Development	3
		3

ASU Fall Semester Year 2

Courses		sch
BIOL 4181	Seminar in Biology	1
BIOL 3403	Cell Biology	4
ED 4322*	Teaching Techniques in the Secondary School	3
BIOL 4303	Evolution	3
RDG 4320*	Reading in the Secondary School Content Areas	3
		14

ASU Spring Semester Year 2

Courses		sch
ED 4323*	Teaching in the Secondary School	3
ED 4973*	Supervised Teaching in the High School	9
		12

B.S. Biology, Life Science Secondary Teacher Certification Total Degree Hours 120-124

⁴ Courses that could satisfy this requirement are: CHEM 3331; PS 1315/1115, 1317/1117; GEOL 1303/1103, 1304/1104; PHYS 1301/1101, 1302/1102.

* Students must be admitted in the Teacher Education Program (TEP) to enroll in any senior-level Education course or Reading 4320.

** Must complete all biology courses prior to clinical teaching (student teaching).

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/>