Associate of Science Degree

Biology Field of Study

The Biology Field of Study (FOS) at SWTX prepares students who are interested in Science and transferring to a university.

The Associate of Science degree Biology FOS includes curriculum approved by the Texas Higher Education Coordinating Board. The Biology FOS includes 24 lower-division semester credit hours that are fully transferable to other Texas public colleges and universities.

Students should always consult with an academic or Science faculty advisor regarding transfer to a specific college or university. In addition, students should consult with an advisor at the Texas college or university to which they are transferring for additional information.

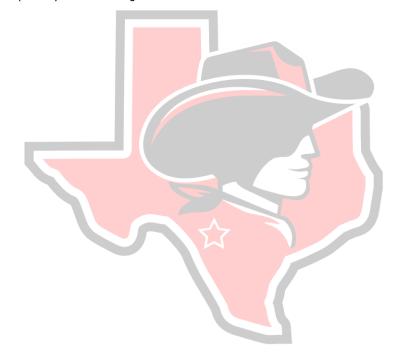
To receive an Associate of Science Degree Biology FOS, the student must make a minimum grade of C in all required core courses and maintain a GPA of 2.0 or higher.

Summer I		sch	Core course				
Math 1314	College Algebra	3	C				
riddi 151 i	College Algebra		_				
		3					
		3		Erochma	n Year total of possible cred	lit bours	carned 2 UD
				riesiilla	ii real total of possible cret	iit iiours	earned 5 m
Fall Semester (Freshman Year)		sch	Core	Spring Semester (Freshman year)		sch	Core
Math 2312	Pre-Calculus	3	000.00	ENGL 1302, 2311	English Composition II OR Technical Writing ²	3	C
CHEM 1311	General Chemistry ¹	3	C	CHEM 1312	General Chemistry II	3	
CHEM 1111	General Chemistry I Lab	1		CHEM 1112	General Chemistry II Lab	1	
HIST 1301	United States History I	3	C	SPCH 1311,	Introduction to Speech	3	С
	,			1315	Communication OR Public Speaking ³		
ENGL 1301	English Composition I	3	С	ARTS 1301,	Art Appreciation, Art History	3	С
				1303, 1304	I, Art History II, OR Music		
				OR MUSI 1306	Appreciation		
					11 1 10 1 77	_	
				HIST 1302	United States History II	3	C
		13		HIST 1302	United States History II	16	C
		13			Year total of possible credi	16	
		13			,	16	
Fall Semester	r (Sophomore Year)	13	Core	Freshman	,	16	
Fall Semester	r (Sophomore Year)		Core	Freshman	Year total of possible credi	16 t hours e	earned 29 HR
	r (Sophomore Year) Biology for Science Majors I			Freshman	Year total of possible credi	16 t hours e	earned 29 HF Core
	· · ·	sch	course	Freshman Spring Semes	Year total of possible credister (Sophomore Year) Biology for Science	t hours e	course
	Biology for Science Majors I	sch	course	Spring Semes	Ster (Sophomore Year) Biology for Science Majors II	t hours e	course
BIOL 1306	· · ·	sch	course	Freshman Spring Semes	Year total of possible credister (Sophomore Year) Biology for Science	t hours e	course
BIOL 1306	Biology for Science Majors I	sch 3	course	Spring Semes	Ster (Sophomore Year) Biology for Science Majors II Biology for Science	sch	course
BIOL 1306 BIOL 1106	Biology for Science Majors I Biology for Science Majors I	sch 3	course	Spring Semes BIOL 1307 BIOL 1107	Ster (Sophomore Year) Biology for Science Majors II	sch	Core course C
BIOL 1306 BIOL 1106 GOVT 2305	Biology for Science Majors I Biology for Science Majors I Lab Federal Government	sch 3 1	C	Spring Semes BIOL 1307 BIOL 1107 GOVT 2306	Ster (Sophomore Year) Biology for Science Majors II Biology for Science Majors II lab Texas Government	sch 3 1	Core course C
BIOL 1306 BIOL 1106 GOVT 2305 SOCI 1301 OR	Biology for Science Majors I Biology for Science Majors I Lab Federal Government Introductory Sociology OR	sch 3	course	Freshman Spring Semes BIOL 1307 BIOL 1107 GOVT 2306 ENGL 2322,	Ster (Sophomore Year) Biology for Science Majors II Biology for Science Majors II lab Texas Government Select one course from	sch	Core course C
BIOL 1306 BIOL 1106 GOVT 2305 SOCI 1301 OR PSYC 2301 OR	Biology for Science Majors I Biology for Science Majors I Lab Federal Government Introductory Sociology OR General Psychology, OR	sch 3 1	C	Freshman Spring Semes BIOL 1307 BIOL 1107 GOVT 2306 ENGL 2322, 2323, 2327,	Ster (Sophomore Year) Biology for Science Majors II Biology for Science Majors II lab Texas Government Select one course from Language Philosophy and	sch 3 1	Core course C
BIOL 1306 BIOL 1106 GOVT 2305 SOCI 1301 OR PSYC 2301 OR	Biology for Science Majors I Biology for Science Majors I Lab Federal Government Introductory Sociology OR	sch 3 1	C	Freshman Spring Semes BIOL 1307 BIOL 1107 GOVT 2306 ENGL 2322, 2323, 2327, 2328, 2332,	Ster (Sophomore Year) Biology for Science Majors II Biology for Science Majors II lab Texas Government Select one course from Language Philosophy and Culture	sch 3 1	Core course C
BIOL 1306 BIOL 1106 GOVT 2305	Biology for Science Majors I Biology for Science Majors I Lab Federal Government Introductory Sociology OR General Psychology, OR	sch 3 1	C	Freshman Spring Semes BIOL 1307 BIOL 1107 GOVT 2306 ENGL 2322, 2323, 2327, 2328, 2332, 2332, 2331, OR	Ster (Sophomore Year) Biology for Science Majors II Biology for Science Majors II lab Texas Government Select one course from Language Philosophy and Culture	sch 3 1	Core course C
BIOL 1306 BIOL 1106 GOVT 2305 SOCI 1301 OR PSYC 2301 OR	Biology for Science Majors I Biology for Science Majors I Lab Federal Government Introductory Sociology OR General Psychology, OR	sch 3 1	C	Freshman Spring Semes BIOL 1307 BIOL 1107 GOVT 2306 ENGL 2322, 2323, 2327, 2328, 2332,	Ster (Sophomore Year) Biology for Science Majors II Biology for Science Majors II lab Texas Government Select one course from Language Philosophy and Culture	sch 3 1	Core course C
BIOL 1306 BIOL 1106 GOVT 2305 SOCI 1301 OR PSYC 2301 OR	Biology for Science Majors I Biology for Science Majors I Lab Federal Government Introductory Sociology OR General Psychology, OR	sch 3 1	C	Freshman Spring Semes BIOL 1307 BIOL 1107 GOVT 2306 ENGL 2322, 2323, 2327, 2328, 2332, 2351, OR HUMA 1301, 1301, 1301, 1301, 1311, OR	Biology for Science Majors II Biology for Science Majors II lab Texas Government Select one course from Language Philosophy and Culture	sch 3 1	Core course C
BIOL 1306 BIOL 1106 GOVT 2305 SOCI 1301 OR PSYC 2301 OR ECON 2301	Biology for Science Majors I Biology for Science Majors I Lab Federal Government Introductory Sociology OR General Psychology, OR	sch 3 1	C	Freshman Spring Semes BIOL 1307 BIOL 1107 GOVT 2306 ENGL 2322, 2323, 2327, 2328, 2332, 2351, OR HUMA 1301,	Biology for Science Majors II Biology for Science Majors II lab Texas Government Select one course from Language Philosophy and Culture	sch 3 1	Core course C
BIOL 1306 BIOL 1106 GOVT 2305 SOCI 1301 OR PSYC 2301 OR	Biology for Science Majors I Biology for Science Majors I Lab Federal Government Introductory Sociology OR General Psychology, OR Principles of Macroeconomics College Physics I ⁴	sch 3 1 1 3 3 3	C	Freshman Spring Semes BIOL 1307 BIOL 1107 GOVT 2306 ENGL 2322, 2323, 2327, 2328, 2332, 2351, OR HUMA 1301, 1301, 1301, 1301, 1301, 2306	Ster (Sophomore Year) Biology for Science Majors II Biology for Science Majors II lab Texas Government Select one course from Language Philosophy and Culture	sch 3 1 3 3	Core course C
BIOL 1306 BIOL 1106 GOVT 2305 SOCI 1301 OR PSYC 2301 OR ECON 2301	Biology for Science Majors I Biology for Science Majors I Lab Federal Government Introductory Sociology OR General Psychology, OR Principles of Macroeconomics	sch 3 1 3 3 3	C	Freshman Spring Semes BIOL 1307 BIOL 1107 GOVT 2306 ENGL 2322, 2323, 2327, 2328, 2332, 2351, OR HUMA 1301, 1301, 1301, 1301, 1301, 2306	Ster (Sophomore Year) Biology for Science Majors II Biology for Science Majors II lab Texas Government Select one course from Language Philosophy and Culture	sch 3 1 3 3	Core course C
BIOL 1306 BIOL 1106 GOVT 2305 SOCI 1301 OR PSYC 2301 OR ECON 2301	Biology for Science Majors I Biology for Science Majors I Lab Federal Government Introductory Sociology OR General Psychology, OR Principles of Macroeconomics College Physics I ⁴	sch 3 1 3 3 3	C	Freshman Spring Semes BIOL 1307 BIOL 1107 GOVT 2306 ENGL 2322, 2323, 2327, 2328, 2332, 2351, OR HUMA 1301, 1301, 1301, 1301, 1301, 2306	Ster (Sophomore Year) Biology for Science Majors II Biology for Science Majors II lab Texas Government Select one course from Language Philosophy and Culture	sch 3 1 3 3	Core course C

60 HRS Total

All courses listed in blue reflect the Field of Study.

- ¹ Math 1314 is a prerequisite. Students must complete this course prior to enrolling in CHEM 1311/1111
- ² A specific ENGL course may be required by the transferring institution. Students should consult with their Success Coach.
- ³ A specific SPCH course may be required by the transferring institution. Students should consult with their Success Coach.
- ⁴ Math 1314 and Math 2312 are prerequisites. Students must complete these courses prior to enrolling in PHYS 1301/1101
- * All students are required to take EDUC 1300/COLS 0300; however, EDUC 1300/COLS 0300 do not count toward degree requirements.
- ** Additional courses may be required by the transferring institution. Students should consult with their Success Coach.



SOUTHWEST TEXAS COLLEGE

Reviewed: April 2025