

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				
		3					
				Freshman Year total of possible credit hours earned 3 HRS			
Fall Semester (Freshman Year)		sch	Core course	Spring Semester (Freshman year)		sch	Core course
Math 2312	Pre-Calculus	3	C	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, 1315	Introduction to Speech Communication OR Public Speaking ³	3	C
ENGL 1301	English Composition I	3	C	ARTS 1301, 1303, 1304 OR MUSI 1306	Art Appreciation, Art History I, Art History II, OR Music Appreciation	3	C
				HIST 1302	United States History II	3	C
		13				16	
				Freshman Year total of possible credit hours earned 29 HRS			
Fall Semester (Sophomore Year)		sch	Core course	Spring Semester (Sophomore Year)		sch	Core course
BIOL 1306	Biology for Science Majors I	3	C	BIOL 1307	Biology for Science Majors II	3	C
BIOL 1106	Biology for Science Majors I Lab	1		BIOL 1107	Biology for Science Majors II lab	1	
GOVT 2305	Federal Government	3	C	GOVT 2306	Texas Government	3	C
SOCI 1301 OR PSYC 2301 OR ECON 2301	Introductory Sociology OR General Psychology, OR Principles of Macroeconomics	3	C	ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2351, OR HUMA 1301, 1301, 1311, OR PHIL 1301, 2306	Select one course from Language Philosophy and Culture	3	C
PHYS 1301	College Physics I ⁴	3		CHEM 2423	Organic Chemistry	4	
PHYS 1101	College Physics 1 Lab	1					
		14				14	
				Sophomore Year total of possible credit hours earned 28 HRS			
				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.



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