

# Stephen F. Austin State University



## 2-Year Planning Guide using Texas Common Course Numbers 2011-2012 Catalog

### Bachelor of Science degree with a major in Biology; Pre-Health Professions and Life Sciences Certification grades 8-12

TCCN CORE COURSES	SFA	MAJOR REQUIREMENTS	SFA
<b>Communication (12-13 hours)</b>		<b>Life Science Core for all Biology majors:</b>	
ENGL 1301 Rhetoric & Composition	ENG 131	BIOL 1411 Intro to Botany	BIO 131
ENGL 1302 Research & Argument	ENG 132	BIOL 1413 Intro to Zoology	BIO 133
ENGL 2311 Tech & Scientific Writing	ENG 273 (Note 1)	NA Prin Cell & Molecular Bio	BIO 130
<b>Mathematics (6-8 hours)</b>		<b>Select courses from one of the following degree tracks:</b>	
	(Note 2)	<b>Botany (17-19 hrs)</b>	
<b>Natural Sciences (8 hours)</b>		<b>Cellular &amp; Molecular Biology (16-20 hrs)</b>	
CHEM 1411 General Chemistry I	CHE 133	<b>Ecology &amp; Evolutionary Biology (14-22 hrs)</b>	
CHEM 1412 General Chemistry II	CHE 134		
<b>Visual and Performing Arts (3 hours)</b>		<b>Life Science Teacher Certification requires:</b>	
3 hours of visual and performing arts (Note 3)		BIO 130, BIOL 1411 and BIOL 1413	
<b>Humanities (3 hours)</b>		EDUC 1301 No Equivalent SED 370 <sup>9</sup>	
3 hours of humanities (Note 4)		EDUC 2301 No Equivalent EPS 380 <sup>9</sup>	
<b>US/Texas History ( 6 hours)</b>		<b>Pre-Health Professions/ Biology major contact Director of Pre-Professional Programs for requirements</b>	
HIST 1301 US History to 1877	HIS 133 <sup>5</sup>		
HIST 1302 US History 1877 to Present	HIS 134 <sup>5</sup>		
<b>Political Science/Government (6 hours)</b>			
* GOVT 2301 Amer Govt: Theory & Politics	PSC 141 <sup>5</sup>		
* GOVT 2302 Amer Govt: Structure & Funct	PSC 142 <sup>5</sup>		
*Best to take both GOVT/PSC courses at same school			
<b>Social &amp; Behavioral Science (3 hours)</b>			
3 hours of social behavioral science (Note 6)			

Please choose 66 hours from the list above. Only 66 hours from community colleges will count towards your degree.

Note 1 The remaining 3-4 hours can be from BCM 247; SPCH 1315,1318; FREN 1411,1412; SPAN 1411, 1412; beginning foreign language; SPH 172,272. **SPCH 1315 should be taken for teacher certification.**

Note 2 Students must take 6-8 hours from the following: MATH 1342, 2413, 2414.

Note 3 3 hrs of visual/performing arts from XXX Core or: ARTS 1301,1303,1304; MUSI 1306, MHL 245; DRAM 1310; DANC 2303.

Note 4 3 hrs of humanities from XXX Core or: ENGL 2332,2333,2322,2323 or 2000- level Lit; HIST 2311, 2312; PHIL 1301,2306.

Note 5 Three hrs of History or Texas history from XXX Core can be substituted. GOVT 2305 & 2306 will sub for 2301/2302.

Note 6 Students must take 3 hours from XX Core or: ANTH 2351; ECON 2301,2302; GEOG 1303,GEO 230; PSYC 2301,2306; SOCI 1301,2319; EPS 380 (Teacher certification requires EPS 380)

Note 7 Students must take 8 hours from the following: Organic Chem; GEOL 1403,1404; PHYS 1401,1402.

Note 8 Students must take 3 hours from: CSC 101, 102, 201, BCIS 1305 or an approved COSC.

Note 9 **Life Sciences certification** may take EDUC 1301, 2301 to substitute for SED 370 and EPS 380.

This information, though accurate for this catalog, is subject to change without notice. For additional information contact Office of Admissions (936)468-2504 or admissions@sfasu.edu.

**Department of Biology**  
**College of Sciences & Mathematics**  
**(936) 468-3601**