

# Stephen F. Austin State University



and  
**GRAYSON COUNTY COLLEGE**  
2006-07 GCC Catalog

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

GCC CORE COURSES	SFA	MAJOR REQUIREMENTS	SFA
<b>Communication (12-13 hours)</b>		<b>Foundations of Knowledge (11 hours)</b>	
ENGL 1301 Comp: Rhetoric & Argument	ENG 131	8 hours of lab science from Note 7	(Note 7)
ENGL 1302 Comp: Critical & Analytical	ENG 132	3 hours of BCIS or COSC from Note 8	(Note 8)
ENGL 2311 Tech & Scientific Writing	ENG 273 (Note 1)	<b>All Biology majors:</b>	
		NA Intro to Botany	BIO 131
<b>Mathematics (6 hours)</b>	(Note 2)	NA Intro to Zoology	BIO 133
		NA Prin Cell & Molecular Bio	BIO 130
<b>Natural Sciences (8 hours)</b>		<b>Recommendations for emphases:</b>	
CHEM 1311/1111 General Chemistry I	CHE 133	<b>Zoology, Anatomy &amp; Physiology and Wildlife</b>	
CHEM 1312/1112 General Chemistry II	CHE 134	<b>Sciences emphases: BIO 241</b>	
		<b>Gen Biology emphasis: BIO 241 &amp; 251;</b>	
<b>Visual and Performing Arts (3 hours)</b>		<b>Botany emphasis: BIO 225 or 251</b>	
3 hours of visual and performing arts (Note 3)		<b>Life Science Teacher Certification requires:</b>	
<b>Humanities (3 hours)</b>		NA No Equivalent	BIO 241
3 hours of humanities (Note 4)		NA No Equivalent	BIO 251
<b>US/Texas History (6 hours)</b>		EDUC 1301 & 2301 will sub for SED 370 and EPS 380	
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 2305 Amer Govt: Theory & Politics	PSC 141		
GOVT 2306 Amer Govt: Structure & Funct	PSC 142		
<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 1311, COM 170; FRE 131, 132; SPAN 1411, 1412; beginning foreign language; SGNL 1401, 1402. (**SPCH 1311 should be taken for teacher certification**).

Note 2 Students must take 6 hours from the following: MTH 139, MATH 1316, 1314, 2342, 2413, 2414.

Note 3 Students must take a visual/performing arts course from: ARTS 1301, 1303, 1304; MUSI 1306, MUS 160; DRAM 1310; DAN 140.

Note 4 Students must take a humanities course from: ENGL 2332, 2333, 2322, 2323 or 2000- level Lit.

Note 5 Three hours of Texas history can be substituted in satisfying this requirement.

Note 6 Students must take 3 hours from: ANT 231; ECON 2301, 2302; GEOG 1303, GEO 230; PSYC 2301, 2306; SOCI 1301, 2319.

Note 7 Students must take 8 hours from the following: CHE 231; GEOL 1303/1103, 1304/1104; PHYS 1301/1101, 1302/1102, 2325/2125, 2326/1126; AST 105.

Note 8 Students must take 3 hours from: CSC 101, 102, 201, BCIS 1405 or an approved COSC.

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

Office of Admissions

(936) 468-2504

admissions@sfasu.edu

Department of Biology

College of Sciences & Mathematics

(936) 468-3601