

Stephen F. Austin State University



and
PALO ALTO COLLEGE
2006-07 PAC Catalog

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

PAC CORE COURSES	SFA	MAJOR REQUIREMENTS	SFA
Communication (12-13 hours)		Foundations of Knowledge (11 hours)	
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)	All Biology majors:	
Mathematics (6 hours)	(Note 2)	BIOL 1411 Intro to Botany	BIO 131
		BIOL 1413 Intro to Zoology	BIO 133
Natural Sciences (8 hours)		NA Prin Cell & Molecular Bio	BIO 130
CHEM 1411 General Chemistry I	CHE 133	Recommendations for emphases:	
CHEM 1412 General Chemistry II	CHE 134	Zoology, Anatomy & Physiology and Wildlife	
Visual and Performing Arts (3 hours)		Sciences emphases: BIO 241;	
3 hours of visual and performing arts (Note 3)		Gen Biology emphasis: BIO 241 & 251;	
Humanities (3 hours)		Botany emphasis: BIO 225 or 251	
3 hours of humanities (Note 4)		Life Science Teacher Certification requires:	
US/Texas History (6 hours)		NA No Equivalent	BIO 241
HIST 1301 US History to 1877	HIS 133 ⁵	NA No Equivalent	BIO 251
HIST 1302 US History 1877 to Present	HIS 134 ⁵		
Political Science/Government (6 hours)		EDUC 1301 & 2301 will sub for SED 370 and EPS 380	
GOVT 2305 Amer Govt: Theory & Politics	PSC 141		
GOVT 2306 Amer Govt: Structure & Funct	PSC 142		
Social & Behavioral Science (3 hours)			
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; SGNL 1301,1302. **SPCH 1315 should be taken for teacher certification.**
- Note 2 Students must take 6 hours from the following: MATH 1316, 1314, 1348, 1442, 2413, 2414.
- Note 3 Students must take a visual/performing arts course from: ARTS 1301,1303,1304; MUSI 1306, MUS 160; DRAM 1310; DANC 2303.
- 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,SOC 139.
- Note 7 Students must take 8 hours from the following:CHE 231; GEOL 1403,1404; PHY 110, PHYS 1401,1402,2425,2426, 1411.
- Note 8 Students must take 3 hours from:BCIS 1305/COSC 1301,1300, CSC 102, 201 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

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Department of Biology

College of Sciences & Mathematics

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