

Stephen F. Austin State University



and
BLINN COLLEGE
2005-06 Blinn Catalog

Chemistry or Physical Science grades 8-12 teaching certification
Bachelor of Science

BLINN CORE COURSES	SFA	MAJOR REQUIREMENTS	SFA
Communication (12-13 hours)		Chemistry & Physical Science majors:	
ENGL 1301 Comp: Rhetoric & Argument	ENG 131	CHEM 1411 General Chemistry I	CHE 133
ENGL 1302 Comp: Critical & Analytical	ENG 132	CHEM 1412 General Chemistry II	CHE 134
ENGL 2311 Techn & Scientific Writing	ENG 273	NA No Equivalent	CHE 231
	(Note 1)	NA No Equivalent	CHE 241
Mathematics (6 hours) (Note 6)		Chemistry majors require:	
MATH 2413 Calculus I	MTH 233	3 hours from: BCIS 1301/COSC 1301 or CSC 201	
MATH 2414 Calculus II	MTH 234		
Natural Sciences (8 hours) (Note 7)		Physical Science majors require:	
PHYS 2425 Technical Physics I	PHY 241	3 hours from: BCIS 1301/COSC 1301, BCIS 1305, CSC 102, 201 or approved COSC	
PHYS 2426 Technical Physics II	PHY 242	EDUC 1301 No Equivalent	SED 370 ⁸
Visual and Performing Arts (3 hours)		EDUC 2301 No Equivalent	EPS 380 ⁸
3 hours of visual and performing arts (Note 2)			
Humanities (3 hours)			
3 hours of humanities (Note 3)			
US/Texas History (6 hours)			
HIST 1301 US History to 1877	HIS 133 ⁴		
HIST 1302 US History 1877 to Present	HIS 134 ⁴		
Political Science/Government (6 hours)			
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 5)			

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 1401,1402.

Note 2 Students must take a visual/performing arts course from: ARTS 1301,1303,1304; MUSI 1306,1301; DRAM 1310; DAN 140.

Note 3 Students must take a humanities course from: ENGL 2332,2333,2322,2323 or 2000-level Literature.

Note 4 Three hours of Texas history can be substituted in satisfying this requirement.

Note 5 Students must take 3 hours from: ANTH 2351; ECON 2301, 2302; GEOG 1303,1302; PSYC 2301,PSY 153; SOCI 1301,SOC 139.

Note 6 **Physical Science majors** may choose 6 hours from:MTH 139,MATH 1316,1314,1342 instead of 2413,2414.

Note 7 **Physical Science majors** may take PHYS 1401 and 1402 instead of 2425, 2426. Also requires PHY 250.

Note 8 **Physical Science teacher certification** may sub EDUC 1301 and 2301 for SED 370 and EPS 380.

Office of Admissions

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Department of Chemistry

College of Sciences & Mathematics

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