

# Stephen F. Austin State University



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

Mathematics and Mathematics grades 8-12 certification  
Bachelor of Science

GCC CORE COURSES	SFA	MAJOR REQUIREMENTS	SFA	
<b>Communication (12-14 hours)</b>				
ENGL 1301 Comp: Rhetoric & Argument	ENG 131	<b>Mathematics requirements:</b> NA No Equivalent MATH 2413 Calculus I MATH 2414 Calculus II	MTH 139	
ENGL 1302 Comp: Critical & Analytical	ENG 132 (Note 1)		MTH 233	
			MTH 234	
<b>Mathematics (6 hours)</b>				
	(Note 2)	<b>Teacher Certification for grades 8-12 requires:</b> NA No Equivalent MATH 2342 Intro to Prob & Statistics MATH 2413 Calculus I MATH 2414 Calculus II EDUC 1301 & 2301 will sub for SED 370 & EPS 380	MTH 139	
<b>Natural Sciences (8 hours)</b>				
	(Note 3)		MTH 220	
<b>Visual and Performing Arts (3 hours)</b>				
3 hours of visual and performing arts (Note 4)		MTH 233	MTH 234	
<b>Humanities (3 hours)</b>				
3 hours of humanities (Note 5)		EDUC 1301 & 2301 will sub for SED 370 & EPS 380		
<b>US/Texas History (6 hours)</b>				
HIST 1301 US History to 1877	HIS 133 <sup>6</sup>	<b>Additional Requirements:</b> 8 additional hours of lab science different from those taken in Note 3 3 hours from: CSC 102		
HIST 1302 US History 1877 to Present	HIS 134 <sup>6</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 7)				

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

Note 1 The remaining 6-8 hours can be from BCM 247; SPCH 1311, COM 170; ENGL 2311; FRE 131, 132; SPAN 1411, 1412; beginning foreign language; SGNL 1401, 1402. (**SPCH 1311 should be chosen for teacher certification**).

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

Note 3 Students must take 8 hours from a single lab science from: BIOL 2301/2101, BIO 131, 133, 225; CHEM 1311/1111, 1312/1112, CHE 231; GEOL 1303/1103, 1304/1104; PHY 110, PHYS 1301/1101, 1302/1102, 2325/2125, 2326/2126; AST 105.

Note 4 Students must take a visual/performing arts course from: ARTS 1301, 1303, 1304; MUSI 1306, MUS 160; DRAM 1310; DAN 140.

Note 5 Students must take a humanities course from: ENGL 2332, 2333, 2322, 2323 or 2000-level Lit.

Note 6 Three hours of Texas history can be substituted in satisfying this requirement.

Note 7 Students must take 3 hrs from: ANT 231; ECON 2301, 2302; GEOG 1303, GEO 230; PSYC 2301, 2306; SOCI 1301, SOCI 2319.

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