

Stephen F. Austin State University  
 Arthur Temple College of Forestry and Agriculture  
**Surveying Curriculum Guide**

General Education Requirement		Spatial Science Core Requirements***	
<b>Communication Required</b> <u>3</u>		MTH 133	Plane Trigonometry <u>3</u>
ENG 131	Rhetoric & Argument***	MTH 138	College Algebra <u>3</u>
<b>Communication Options</b> <u>3</u>		GIS 201	Introduction to GIS <u>3</u>
COM 111	Public Speaking	GIS 224	Introduction to Spatial Science <u>3</u>
COM 170	Interpersonal Communication	GIS 301	GIS Applications <u>3</u>
COM 215	Small Group Communication	GIS 390	GIS in Natural Resources <u>3</u>
<b>Component Area Required</b> <u>3</u>		GIS 395	GIS Database Management <u>3</u>
ENG 132	Critical & Analytical***	GIS 400	GIS Programming <u>3</u>
<b>Component Area Options</b> <u>3</u>		GIS 405	GIS Remote Sensing Applications <u>3</u>
BCM 247	Business Communication	GIS 410	Landscape Modeling <u>3</u>
ENG 273	Writing Techniques	GIS 415	Spatial Analysis <u>3</u>
<b>Language, Philosophy, &amp; Culture Required</b> <u>3</u>		GIS 420	Ecological Planning <u>3</u>
PHI 223	Introduction to Ethics	FOR 223	Surveying & Mapping <u>3</u>
<b>Creative Arts Options</b> <u>3</u>		FOR 443	Weather & Climate <u>3</u>
ART 280, ART 281, ART 282, DAN 140, MHL 245, MUS 140, THR 161, THR 163		<b>Total</b> <u>42</u>	
Surveying Concentration			
<b>Social and Behavioral Science Options</b> <u>3</u>		FOR 219	Dendrology <u>3</u>
ANT 231, ECO 231, ECO 232, GEO 131, PSY 133, SOC 137		FOR 423	Advanced Surveying <u>3</u>
<b>Environmental Core Required</b> <u>3</u>		FIN 265	Real Estate Principles <u>3</u>
ENV 110	Intro to Environmental Science	BLW 366	Real Estate Law <u>3</u>
<b>Life and Physical Science Options</b> <u>3</u>		BLW 468	Oil & Gas Law <u>3</u>
AST 105	Classical and Modern Astronomy	HRT 325	Design Application Software I <u>3</u>
PHY 101	General Physics	HRT 326	Design Application Software II <u>3</u>
GOL 131	Introductory Geology	GEO 315	Cartography <u>3</u>
<b>Mathematics Required</b> <u>3</u>		Life and Physical Science Lab <u>1</u>	
MTH 220	Intro to Statistics	<b>**Approved Electives</b> <u>11</u>	
<b>American History Required</b> <u>6</u>		<b>Total</b> <u>36</u>	
HIS 133	U.S. History Survey, 1000-1877	<b>Total Degree Credits</b> <u>120</u>	
HIS 134	U.S. History Survey, 1877-Present		
<b>Government/Political Science</b> <u>6</u>			
PSC 141	Intro to Am. Govt: Theory		
PSC 142	Intro to Am. Govt: Structure		
<b>Total</b>		<b>42</b>	

\*\*Contact Academic Advisor  
 \*\*\*Minimum grade of "C" required

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It is the student's responsibility to complete the Degree Requirements as specified. A Final Graduation Plan must be filed in the Dean's Office the semester before the student plans to graduate.