

Stephen F. Austin State University
Arthur Temple College of Forestry & Agriculture
Degree Plan for a Bachelor of Science in Spatial Science - B.S.S.C.

General Education Core

English 131 – Rhetoric & Composition***	3
English 132 – Research & Argument***	3
ENG 273 – Technical Writing or BCM 247 Business communication	3
Component Area Option- COM 111 or 170 or 215	3
ENV 110 – Introduction to Environmental Science	3
Life/Physical Science- AST105 or PHY101 or GOL131	3
MTH 220 – Introduction to Probability & Statistics	3
Social/ Behavioral Science– refer to SFA General Bulletin	3
HIS 133 – U.S. History Survey, 1000-1877	3
HIS 134 – U.S. History Survey, 1877–Present	3
PSC 141 – Intro to Am. Gov.: Theory	3
PSC 142 – Intro to Am. Gov.: Structure	3
Creative Arts Option- refer to SFA General Bulletin	3
PHI 223 – Introduction to Ethics	3
Total	<u>42</u>

Common Core of the Spatial Science Major***

MTH 133 – Plane Trigonometry	3
MTH 138 – College Algebra	3
GIS 201 – Introduction to GIS	3
GIS 224 – Introduction to Spatial Science	3
GIS 301 – GIS Applications	3
GIS 390 – GIS in Natural Resources	3
GIS 395 – GIS Database Management	3
GIS 400 – GIS Programming	3
GIS 405 – GIS Remote Sensing Applications	3
GIS 410 – Landscape Modeling	3
GIS 415 – Spatial Analysis	3
GIS 420 – Ecological Planning	3
FOR 223 – Surveying & Mapping	3
FOR 443 – Weather & Climate	3
Total	<u>42</u>

Study Tracks - Bachelor of Science in Spatial Science

Natural Resources

Minor Required

Forestry or ENV or GOL or HRT OR AGR or AGN or BIO	24
Life/Physical Science Lab taken concurrently	1
** Approved Electives	11
Sub Total for Natural Resources Track	<u>36</u>

Surveying

FOR 219 – Dendrology	3
FOR 423 – Advanced Surveying	3
FIN 265 – Real Estate Principles	3
BLW 366 – Real Estate Law	3
BLW 468 – Oil & Gas Law	3
HRT 325 – Design Application Software I (CAD)	3
HRT 326 – Design Application Software II (CAD)	3
GEO 315 – Cartography	3
Life/Physical Science Lab taken concurrently	1
** Approved Electives	11
Sub Total for Surveying Track	<u>36</u>

Cultural Resources

Minor Required

Minor in Liberal and Applied Arts	24
Recommended options: GEO, SOC, CJS, ANT, PSC, PBA, HIS, COM, MSC, SUS, PSY, etc.	
Life/Physical Science Lab taken concurrently	1
** Approved Electives	11
Sub Total for Cultural Resources Track	<u>36</u>

Grand Total Semester Hours for Spatial Science Degree with Surveying Track

120

Grand Total Semester Hours for Spatial Science Degree with Natural or Cultural Resources Track

120

Revised December 10, 2018

**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.