

MATHEMATICS-Data Science

Stephen F Austin State University
College of Sciences and Mathematics

Name: _____

Date _____ Catalog: **2020-2021** Void Date: **Aug 31, 2027** ID# _____
Requirements for the BACHELOR OF SCIENCE DEGREE

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN
<p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION:</p> <ol style="list-style-type: none"> 1. 3 hours from: ENGL 1301____, 1303H____ (C or better is required) 2. 3 hours from SPCH 1315, 1318, 2333 <p>MATHEMATICS:</p> <ol style="list-style-type: none"> 1. 3 hours from: MATH 2313 <p>LIFE AND PHYSICAL SCIENCES:</p> <ol style="list-style-type: none"> 1. 6 hours from: BIOL 1306, 1307, 1311, 1313, 2301, 2381; CHEM 1311,1312; GEOL 1303, 1304; PHYS 1310, 1318, 1301, 1302, 2325, 2326, ASTR 1303 <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <ol style="list-style-type: none"> 1. 3 hours from: ENGL 2309, 2322, 2323, 2327, 2328, 2309, 2341; HIST 2311, 2312, 2321, 2322; PHIL 1301, 2306 <p>CREATIVE ARTS:</p> <ol style="list-style-type: none"> 1. 3 hours from: ARTS 1301, 1303, 1304; DANC 2303; DRAM 1310, 2366; MUMH 1307; MUSI 1306; <p>AMERICAN HISTORY:</p> <ol style="list-style-type: none"> 1. 6 hours from: HIST 1301,1302 <p>GOVERNMENT/POLITICAL SCIENCE:</p> <ol style="list-style-type: none"> 1. 6 hours from: GOVT 2305, 2306 <p>SOCIAL AND BEHAVIORAL SCIENCES:</p> <ol style="list-style-type: none"> 1. 3 hours from: ANTH 2351; ECON 2301, 2302; GEOG 1303; SOC 1301; PSYC 1301 <p>COMPONENT AREA OPTION (6HRS)</p> <ol style="list-style-type: none"> 1. 3 hours from: ENGL 1302____ (C or better is required) 2. 3 hours from: BUSI 2304; ENGL 2311; FREN 1311,1312; GERM 1311,1312; PORT 1311, 1312; SPAN 1311, 1312; SGNL 1301, 1302 	<p>CORE CURRICULUM</p> <p>COMMUNICATION:</p> <ol style="list-style-type: none"> 1. _____ 2. _____ <p>MATHEMATICS:</p> <ol style="list-style-type: none"> 1. _____ <p>LIFE AND PHYSICAL SCIENCES:</p> <ol style="list-style-type: none"> 1. _____ <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <ol style="list-style-type: none"> 1. _____ <p>CREATIVE ARTS:</p> <ol style="list-style-type: none"> 1. _____ <p>AMERICAN HISTORY:</p> <ol style="list-style-type: none"> 1. _____ <p>GOVERNMENT/POLITICAL SCIENCE:</p> <ol style="list-style-type: none"> 1. _____ <p>SOCIAL AND BEHAVIORAL SCIENCE:</p> <ol style="list-style-type: none"> 1. _____ <p>COMPONENT AREA OPTION:</p> <ol style="list-style-type: none"> 1. _____ 2. _____
<p>COLLEGE/DEPARTMENT REQUIREMENTS</p> <p>SCI: 8 HRS from: BIOL 1306/1106, 1307/1107, 1311/1111, 1313/1113, 2301/2101, 2381; CHEM 1311/1111, 1312/1112; GEOL 1303/1103, 1304/1104; PHYS 1310/1110, 1318/1118, 1301/1101, 1302/1102, 2325/2125, 2326/2126, ASTR 1303/1103; (at least two sciences represented)</p> <p>CSCI 1302____; MATH 2314/2114(4) ____</p> <p>Labs: MATH 2113____; 2 HRS from Life and Physical Science Labs</p>	<p>COLLEGE/DEPARTMENT REQUIREMENTS</p> <p>SCI: _____</p> <p>CSC/MTH: _____</p> <p>Labs: MATH 2113____; Science Labs: (1)_____, (1)_____</p>

<p>MATHEMATICS MAJOR (41 HOURS)</p> <p>Required classes:</p> <p>2313/2113(4)____ 3365____ 4320____ 2314/2114(4)____ 3315/3115(4)____ 4330____ 3180(1)____ 3330____ 4335____ 3320____ 3340____ 4180(1)____ 3360____ 3345____</p>	<p>MATHEMATICS MAJOR (41 HOURS)</p> <p>Required classes:</p> <p>2313/2113(4)____ 3365____ 4320____ 2314/2114(4)____ 3315/3115(4)____ 4330____ 3180(1)____ 3330____ 4335____ 3320____ 3340____ 4180(1)____ 3360____ 3345____</p>
<p>Concentration: DATA SCIENCE 21 hours</p> <p>CSCI 2302____ CSCI 2341____ MATH 1342____ CSCI 3321____ STAT 3342____ CSCI 4325____ STAT 3348____</p>	<p>Concentration: DATA SCIENCE 21 hours</p> <p>CSCI 2302____ CSCI 2341____ MATH 1342____ CSCI 3321____ STAT 3342____ CSCI 4325____ STAT 3348____</p>
<p>ELECTIVES:</p>	<p>ELECTIVES:</p> <p>_____ Hours of electives of which _____ hours are advanced (3000-4000 level) to fulfill residence requirements</p>

Must complete 42 hrs in residence at SFA. Must complete 36 advanced hrs (3000-4000 level) in residence at SFA.
A maximum of 66 academic hours plus 4 hours of kinesiology activity from junior/community colleges may apply towards a bachelor's degree.

Minor Dept.: _____ **TOTAL RECORDED HOURS ON TRANSCRIPT** _____
Major Dept.: _____ **TOTAL HOURS YET TO BE TAKEN** _____
Student Agreement: _____ **TOTAL HOURS EARNED FOR DEGREE** _____
Approved-Dean of College: _____ **TOTAL HOURS REQUIRED FOR DEGREE** 120