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
CORE CURRICULUM (42 hours)	**CORE CURRICULUM**
COMMUNICATION: 1. 3 hours from: ENGL 1301_____ ,1303H_____ (C or better is required) 2. 3 hours from SPCH 1315, 1318, 2333	**COMMUNICATION:** 1._____ 2._____
MATHEMATICS: 1. 3 hours from: MATH 2313	**MATHEMATICS:** 1._____
LIFE AND PHYSICAL SCIENCES: 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	**LIFE AND PHYSICAL SCIENCES:** 1._____
LANGUAGE, PHILOSOPHY, AND CULTURE: 1. 3 hours from: ENGL 2309, 2322, 2323, 2327, 2328, 2309, 2341; HIST 2311, 2312, 2321, 2322; PHIL 1301, 2306	**LANGUAGE, PHILOSOPHY, AND CULTURE:** 1._____
CREATIVE ARTS: 1. 3 hours from: ARTS 1301, 1303, 1304; DANC 2303; DRAM 1310, 2366; MUMH 1307; MUSI 1306;	**CREATIVE ARTS**: 1._____
AMERICAN HISTORY: 1. 6 hours from: HIST 1301,1302	**AMERICAN HISTORY:** 1._____
GOVERNMENT/POLITICAL SCIENCE: 1. 6 hours from: GOVT 2305, 2306	**GOVERNMENT/POLITICAL SCIENCE**: 1._____
SOCIAL AND BEHAVIORAL SCIENCES: 1. 3 hours from: ANTH 2351; ECON 2301, 2302; GEOG 1303; SOCI 1301; PSYC 1301	**SOCIAL AND BEHAVIORAL SCIENCE:** 1._____
COMPONENT AREA OPTION (6HRS) 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	**COMPONENT AREA OPTION:** 1._____ 2._____
COLLEGE/DEPARTMENT REQUIREMENTS 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) CSCI 1302___; MATH 2314/2114(4) ___ Labs: MATH 2113___; 2 HRS from Life and Physical Science Labs	**COLLEGE/DEPARTMENT REQUIREMENTS** SCI: _____ CSC/MTH: _____ Labs: MATH 2113___; Science Labs: (1)_____, (1)_____

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

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**___

Revised February 2020