

# MATHEMATICS-Data Science

Stephen F Austin State University  
College of Sciences and Mathematics

Name: \_\_\_\_\_

Date \_\_\_\_\_ Catalog: 2022-2023 Void Date: Aug 31, 2029 ID# \_\_\_\_\_  
Requirements for the BACHELOR OF SCIENCE DEGREE

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN
<p><b>CORE CURRICULUM (42 hours)</b></p> <p><b>COMMUNICATION:</b></p> <ol style="list-style-type: none"> <li>1. 3 hours from: ENGL 1301____, 1303H____ (C or better is required)</li> <li>2. 3 hours from SPCH 1315, 1318, 2333</li> </ol> <p><b>MATHEMATICS:</b></p> <ol style="list-style-type: none"> <li>1. 3 hours from: MATH 2313</li> </ol> <p><b>LIFE AND PHYSICAL SCIENCES:</b></p> <ol style="list-style-type: none"> <li>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</li> </ol> <p><b>LANGUAGE, PHILOSOPHY, AND CULTURE:</b></p> <ol style="list-style-type: none"> <li>1. 3 hours from: ENGL 2309, 2322, 2323, 2327, 2328, 2309, 2341; HIST 2311, 2312, 2321, 2322; PHIL 1301, 2306</li> </ol> <p><b>CREATIVE ARTS:</b></p> <ol style="list-style-type: none"> <li>1. 3 hours from: ARTS 1301, 1303, 1304; DANC 2303; DRAM 1310, 2366; MUMH 1307; MUSI 1306;</li> </ol> <p><b>AMERICAN HISTORY:</b></p> <ol style="list-style-type: none"> <li>1. 6 hours from: HIST 1301,1302</li> </ol> <p><b>GOVERNMENT/POLITICAL SCIENCE:</b></p> <ol style="list-style-type: none"> <li>1. 6 hours from: GOVT 2305, 2306</li> </ol> <p><b>SOCIAL AND BEHAVIORAL SCIENCES:</b></p> <ol style="list-style-type: none"> <li>1. 3 hours from: ANTH 2351; ECON 2301, 2302; GEOG 1303; SOC 1301; PSYC 1301</li> </ol> <p><b>COMPONENT AREA OPTION (6HRS)</b></p> <ol style="list-style-type: none"> <li>1. 3 hours from: ENGL 1302____ (C or better is required)</li> <li>2. 3 hours from: BUSI 2304; ENGL 2311; FREN 1311,1312; GERM 1311,1312; PORT 1311, 1312; SPAN 1311, 1312; SGNL 1301, 1302</li> </ol>	<p><b>CORE CURRICULUM</b></p> <p><b>COMMUNICATION:</b></p> <ol style="list-style-type: none"> <li>1. _____</li> <li>2. _____</li> </ol> <p><b>MATHEMATICS:</b></p> <ol style="list-style-type: none"> <li>1. _____</li> </ol> <p><b>LIFE AND PHYSICAL SCIENCES:</b></p> <ol style="list-style-type: none"> <li>1. _____</li> </ol> <p><b>LANGUAGE, PHILOSOPHY, AND CULTURE:</b></p> <ol style="list-style-type: none"> <li>1. _____</li> </ol> <p><b>CREATIVE ARTS:</b></p> <ol style="list-style-type: none"> <li>1. _____</li> </ol> <p><b>AMERICAN HISTORY:</b></p> <ol style="list-style-type: none"> <li>1. _____</li> </ol> <p><b>GOVERNMENT/POLITICAL SCIENCE:</b></p> <ol style="list-style-type: none"> <li>1. _____</li> </ol> <p><b>SOCIAL AND BEHAVIORAL SCIENCE:</b></p> <ol style="list-style-type: none"> <li>1. _____</li> </ol> <p><b>COMPONENT AREA OPTION:</b></p> <ol style="list-style-type: none"> <li>1. _____</li> <li>2. _____</li> </ol>
<p><b>COLLEGE/DEPARTMENT REQUIREMENTS</b></p> <p>CSCI 1302____; 1462(4)____; MATH 2314/2114(4)____</p> <p>Labs: MATH 2113____; 2 HRS from Life and Physical Science Labs</p>	<p><b>COLLEGE/DEPARTMENT REQUIREMENTS</b></p> <p>SCI: _____</p> <p>CSC/MTH: _____</p> <p>Labs: MATH 2113____; Science Labs: (1)____, (1)____</p>

<p><b>MATHEMATICS MAJOR (41 HOURS)</b></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>PLUS <b>3</b> hours from:  MATH 3370 _____; 4325 _____; <b>JTCH 3351</b> _____</p>	<p><b>MATHEMATICS MAJOR (41 HOURS)</b></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>PLUS <b>3</b> hours from:  MATH 3370 _____; 4325 _____; <b>JTCH 3351</b> _____</p>
<p><b>Concentration: DATA SCIENCE 21 hours</b></p> <p>CSCI 2302 _____  CSCI 2341 _____ MATH 1342 _____  CSCI 3321 _____ STAT 3342 _____  CSCI 4325 _____ STAT 3348 _____</p>	<p><b>Concentration: DATA SCIENCE 21 hours</b></p> <p>CSCI 2302 _____  CSCI 2341 _____ MATH 1342 _____  CSCI 3321 _____ STAT 3342 _____  CSCI 4325 _____ STAT 3348 _____</p>
<p><b>ELECTIVES:</b></p>	<p><b>ELECTIVES:</b></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 <u>120</u>