

# MATHEMATICS

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><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; SOCI 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>SCI: 8 HRS from: <b>BIOL</b> 1306/1106, 1307/1107, 1311/1111, 1313/1113, 2301/2101, 2381; <b>CHEM</b> 1311/1111, 1312/1112; <b>GEOL</b> 1303/1103, 1304/1104; <b>PHYS</b> 1310/1110, 1318/1118, 1301/1101, 1302/1102, 2325/2125, 2326/2126, <b>ASTR</b> 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><b>COLLEGE/DEPARTMENT REQUIREMENTS</b></p> <p>SCI: _____</p> <p>CSC/MTH: _____</p> <p>Labs: MTH 233L____; Science Labs: (1)____, (1)____</p>

**MATHEMATICS MAJOR (41 HOURS)**

Required classes:

2313/2113(4)\_\_\_\_ 3365\_\_\_\_ 3345\_\_\_\_ 4180(1)\_\_\_\_  
 2314/2114(4)\_\_\_\_ 3315/3115(4)\_\_\_\_ 4320\_\_\_\_  
 3180(1)\_\_\_\_ 3330\_\_\_\_ 4330\_\_\_\_  
 3360\_\_\_\_ 3340\_\_\_\_ 4335\_\_\_\_

PLUS 3 hours from:  
 MATH 3320\_\_\_\_; 3370\_\_\_\_; 4325\_\_\_\_

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Required classes:

2313/2113(4)\_\_\_\_ 3365\_\_\_\_ 3345\_\_\_\_ 4180(1)\_\_\_\_  
 2314/2114(4)\_\_\_\_ 3315/3115(4)\_\_\_\_ 4320\_\_\_\_  
 3180(1)\_\_\_\_ 3330\_\_\_\_ 4330\_\_\_\_  
 3360\_\_\_\_ 3340\_\_\_\_ 4335\_\_\_\_

PLUS 3 hours from:  
 MATH 3320\_\_\_\_; 3370\_\_\_\_; 4325\_\_\_\_

**Concentration: ACTUARIAL STUDIES 24 hours**

ECON 2301\_\_\_\_ FINC 3373\_\_\_\_  
 ECON 2302\_\_\_\_ MATH 1342\_\_\_\_  
 FINC 3333\_\_\_\_ STAT 3342\_\_\_\_  
 FINC 3361\_\_\_\_ STA 3344\_\_\_\_

**Concentration: ACTUARIAL STUDIES 24 hours**

ECON 2301\_\_\_\_ FINC 3373\_\_\_\_  
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 FINC 3333\_\_\_\_ STAT 3342\_\_\_\_  
 FINC 3361\_\_\_\_ STA 3344\_\_\_\_

**ELECTIVES:**

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\_\_\_\_\_ 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.: _____	<b>TOTAL RECORDED HOURS ON TRANSCRIPT</b> _____
Major Dept.: _____	<b>TOTAL HOURS YET TO BE TAKEN</b> _____
Student Agreement: _____	<b>TOTAL HOURS EARNED FOR DEGREE</b> _____
Approved—Dean of College: _____	<b>TOTAL HOURS REQUIRED FOR DEGREE</b> <u>120</u>