

# ENGINEERING PHYSICS-MECHANICAL

STEPHEN F. AUSTIN STATE UNIVERSITY  
COLLEGE OF SCIENCES AND MATHEMATICS

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

Date: \_\_\_\_\_ Catalog: 2020-2021 Void Date: August 31, 2027 CID#: \_\_\_\_\_

## Requirements for the BACHELOR OF SCIENCE DEGREE

HOURS ON TRANSCRIPT	HOURS TO BE TAKEN
<b>CORE CURRICULUM (42 hours)</b>	<b>CORE CURRICULUM (42 hours)</b>
<b>COMMUNICATION:</b> 1. 3 hours from: ENGL 1301____, 1303H____ (C or better is required) 2. 3 hours from SPCH 1315, 1318, 2333	<b>COMMUNICATION:</b> 1. _____ 2. _____
<b>MATHEMATICS:</b> 1. 3 hours from: MATH 2313	<b>MATHEMATICS:</b> 1. _____
<b>LIFE AND PHYSICAL SCIENCES:</b> 1. 6 hours from: CHEM 1311 & 1312	<b>LIFE AND PHYSICAL SCIENCES:</b> 1. _____
<b>LANGUAGE, PHILOSOPHY, AND CULTURE:</b> 1. 3 hours from: ENGL 2309, 2322, 2323, 2327, 2328, 2332, 2333, 2341; HIST 2311, 2312, 2321, 2322; PHIL 1301, 2306	<b>LANGUAGE, PHILOSOPHY, AND CULTURE:</b> 1. _____
<b>CREATIVE ARTS:</b> 1. 3 hours from: ARTS 1301, 1303, 1304; DANC 2303; DRAM 1310, 2366; MUMH 1307; MUSI 1306;	<b>CREATIVE ARTS:</b> 1. _____
<b>AMERICAN HISTORY:</b> 1. 6 hours from: HIST 1301, 1302	<b>AMERICAN HISTORY:</b> 1. _____
<b>GOVERNMENT/POLITICAL SCIENCE:</b> 1. 6 hours from: GOVT 2305, 2306	<b>GOVERNMENT/POLITICAL SCIENCE:</b> 1. _____
<b>SOCIAL AND BEHAVIORAL SCIENCES:</b> 1. 3 hours from: ANTH 2351; ECON 2301, 2302; GEOG 1303; SOCI 1301; PSYC 1301	<b>SOCIAL AND BEHAVIORAL SCIENCE:</b> 1. _____
<b>COMPONENT AREA OPTION (6HRS)</b> 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	<b>COMPONENT AREA OPTION:</b> 1. _____ 2. _____
<b>COLLEGE/DEPARTMENT REQUIREMENTS (17 HOURS)</b> MATH 2314(3)____, 2114(1)____, 3315(3)____, 3115; 3330____ CSCI 1302____ Labs: MATH 2113(1)____, CHEM 1111(1)____, CHEM 1112(1)____	<b>COLLEGE/DEPARTMENT REQUIREMENTS (17 HOURS)</b> MATH 2314(3)____, 2114(1)____, 3315(3)____, 3115; 3330____ CSCI 1302____ Labs: MATH 2113(1)____, CHEM 1111(1)____, CHEM 1112(1)____

<p><b>ENGINEERING PHYSICS-MECHANICAL (55 hours)</b></p> <p>ENGR 1301____                    <u>□Mechanical Option</u>  ENGR 1302____                    ENGR 1304____  ENGR 2305/2105(4)____        EGR 3305____  PHYS 2325/2125(4)____        EGR 3345____  PHYS 2326/2126(4)____        PHYS 4330____  ENGR 2401(4)____  ENGR 3421(4)____                - OR -  PHYS 3333/3133(4)____  ENGR 3343____                    <u>□Electrical Option</u>  PHYS 3347____                    ENGR 4314____  PHYS 4340____                    ENGR 3344____  ENGR 4260(2)____                ENGR 3370____  ENGR 4270(2)____                PHYS 4441(4) OR PHYS 4331____</p>	<p><b>ENGINEERING PHYSICS-MECHANICAL (55 hours)</b></p> <p>ENGR 1301____                    <u>□Mechanical Option</u>  ENGR 1302____                    ENGR 1304____  ENGR 2305/2105(4)____        EGR 3305____  PHYS 2325/2125(4)____        EGR 3345____  PHYS 2326/2126(4)____        PHYS 4330____  ENGR 2401(4)____  ENGR 3421(4)____                - OR -  PHYS 3333/3133(4)____  ENGR 3343____                    <u>□Electrical Option</u>  PHYS 3347____                    ENGR 4314____  PHYS 4340____                    ENGR 3344____  ENGR 4260(2)____                ENGR 3370____  ENGR 4270(2)____                PHYS 4441(4) OR PHYS 4331____</p>
<p><b>ELECTIVES:</b></p>	<p><b>ELECTIVES:</b></p> <p>_____ hours of electives of which _____ hours are advanced (3000-4999 level) to fulfill residence requirements.  <b>SFA residency requirements: 42 HRS minimum with 36 HRS advanced.</b></p>

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/Associate Dean of College: _____	TOTAL HOURS REQUIRED FOR DEGREE <u>120</u>