

# CHEMISTRY- Biochemistry

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>3 hours from: ENGL 1301____, 1303____ (C or better is required)</li> <li>3 hours from SPCH 1315, 1318, 2333</li> </ol> <p><b>MATHEMATICS:</b></p> <ol style="list-style-type: none"> <li>3 hours from: MATH 2313</li> </ol> <p><b>LIFE AND PHYSICAL SCIENCES:</b></p> <ol style="list-style-type: none"> <li>6 hours from: PHYS 1301/2325, 1302/2326</li> </ol> <p><b>LANGUAGE, PHILOSOPHY, AND CULTURE:</b></p> <ol style="list-style-type: none"> <li>3 hours from: ENGL 2309, 2322, 2323, 2327, 2328, 2335, 2341; HIST 2311, 2312, 2321, 2322; PHIL 1301, 2306</li> </ol> <p><b>CREATIVE ARTS:</b></p> <ol style="list-style-type: none"> <li>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>6 hours from: HIST 1301, 1302</li> </ol> <p><b>GOVERNMENT/POLITICAL SCIENCE:</b></p> <ol style="list-style-type: none"> <li>6 hours from: GOVT 2305, 2306</li> </ol> <p><b>SOCIAL AND BEHAVIORAL SCIENCES:</b></p> <ol style="list-style-type: none"> <li>3 hours from: ANTH 2351; ECON 2301, 2302; GEOG 1303; SOCI 1301; PSYC 2301</li> </ol> <p><b>COMPONENT AREA OPTION (6HRS)</b></p> <ol style="list-style-type: none"> <li>3 hours from: ENGL 1302____ (C or better is required)</li> <li>3 hours from: ENGL 2311</li> </ol>	<p><b>CORE CURRICULUM (42 hours)</b></p> <p><b>COMMUNICATION:</b></p> <ol style="list-style-type: none"> <li>_____</li> <li>_____</li> </ol> <p><b>MATHEMATICS:</b></p> <ol style="list-style-type: none"> <li>_____</li> </ol> <p><b>LIFE AND PHYSICAL SCIENCES:</b></p> <ol style="list-style-type: none"> <li>_____</li> </ol> <p><b>LANGUAGE, PHILOSOPHY, AND CULTURE:</b></p> <ol style="list-style-type: none"> <li>_____</li> </ol> <p><b>CREATIVE ARTS:</b></p> <ol style="list-style-type: none"> <li>_____</li> </ol> <p><b>AMERICAN HISTORY:</b></p> <ol style="list-style-type: none"> <li>_____</li> </ol> <p><b>GOVERNMENT/POLITICAL SCIENCE:</b></p> <ol style="list-style-type: none"> <li>_____</li> </ol> <p><b>SOCIAL AND BEHAVIORAL SCIENCE:</b></p> <ol style="list-style-type: none"> <li>_____</li> </ol> <p><b>COMPONENT AREA OPTION:</b></p> <ol style="list-style-type: none"> <li>_____</li> <li>_____</li> </ol> <p style="text-align: right;"><b>42 hrs.</b></p>
<p><b>FOUNDATION OF KNOWLEDGE:</b></p> <p>MATH: 2314(4)</p> <p>CSCI: 3 hours: COSC 1301, CSCI 1302 or BCIS 1305</p>	<p><b>FOUNDATION OF KNOWLEDGE:</b></p> <p>MATH: _____</p> <p>CSCI: _____</p> <p style="text-align: right;"><b>7 hrs.</b></p>

<b>MAJOR: BIOCHEMISTRY</b> 1311/1111(4)_____ 3331/3131(4)_____ 4353(3)_____ 1312/1112(4)_____ 3332/3132(4)_____ 4354/4054(3)_____ 3421/3021(4)_____ 3437/3037(4)_____ 4364(3)_____ 2175(1)_____ 4443/4043(4)_____ 4170(1)_____ 4352/4152(4)_____ 4175(1)_____	<b>MAJOR: BIOCHEMISTRY</b> 1311/1111(4)_____ 3331/3131(4)_____ 4353(3)_____ 1312/1112(4)_____ 3332/3132(4)_____ 4354/4054(3)_____ 3421/3021(4)_____ 3437/3037(4)_____ 4364(3)_____ 2175(1)_____ 4443/4043(4)_____ 4170(1)_____ 4352/4152(4)_____ 4175(1)_____ <p style="text-align: right;"><b>44 hrs.</b></p>
<b>OTHER REQUIRED COURSES:</b> PHYS 1101/2125(1)_____ PHYS 1102/2126(1)_____ MATH 2113(1)_____  4 hrs of upper level (3000-4000) electives are required_____ (MATH 1342 is an acceptable elective)	<b>OTHER REQUIRED COURSES:</b> PHYS 1101/2125(1)_____ PHYS 1102/2126(1)_____ MATH 2113(1)_____  4 hrs of upper level (3000-4000) electives are required_____ (MATH 1342 is an acceptable elective) <p style="text-align: right;"><b>7 hrs.</b></p>
<b>MINOR: <u>BIOLOGY</u> (21 hr minor)</b>	<b>MINOR: <u>BIOLOGY</u> (21 hr minor)</b>   <p style="text-align: right;"><b>21 hrs.</b></p>
<b>ANY ADDITIONAL COURSES:</b>	<b>ELECTIVES:</b> _____ hrs of electives of which _____ hours are are upper level (3000-4000) to meet residence requirements

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

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

- CHEM 4364 will be waived and substituted with CHEM 4171 (1) or 4164 (1)
- CHEM 4353 will have an additional 4171 (1)
- Students may have to take an additional hour of an advanced elective to cover the remaining hour for the loss of CHEM 4364