

CHEMISTRY FERMENTATION CONCENTRATION

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 |
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| <p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION:</p> <p>1. 3 hours from: ENGL 1301 _____, 1303 _____ (C or better is required)</p> <p>2. 3 hours from SPCH 1315, 1318, 2333</p> <p>MATHEMATICS:</p> <p>1. 3 hours from: MATH 2313</p> <p>LIFE AND PHYSICAL SCIENCES:</p> <p>1. 6 hours from: BIOL 1306, 1307</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <p>1. 3 hours from: ENGL 2309, 2322, 2323, 2327, 2328, 2332, 2333, 2335, 2341; HIST 2311, 2312; PHIL 1301, 2306</p> <p>CREATIVE ARTS:</p> <p>1. 3 hours from: ARTS 1301, 1303, 1304; DANC 2303; DRAM 1310, 2366; MUMH 1307; MUSI 1306;</p> <p>AMERICAN HISTORY:</p> <p>1. 6 hours from: HIST 1301, 1302</p> <p>GOVERNMENT/POLITICAL SCIENCE:</p> <p>1. 6 hours from: GOVT 2305, 2306</p> <p>SOCIAL AND BEHAVIORAL SCIENCES:</p> <p>1. 3 hours from: ANTH 2351; ECON 2301, 2302; GEOG 1303; PSYC 2301; SOCI 1301</p> <p>COMPONENT AREA OPTION (6HRS)</p> <p>1. 3 hours from: ENGL 1302 (C or better is required)</p> <p>2. 3 hours from: ENGL 2311</p> | <p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION:</p> <p>1. _____</p> <p>2. _____</p> <p>MATHEMATICS:</p> <p>1. _____</p> <p>LIFE AND PHYSICAL SCIENCES:</p> <p>1. _____</p> <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <p>1. _____</p> <p>CREATIVE ARTS:</p> <p>1. _____</p> <p>AMERICAN HISTORY:</p> <p>1. _____</p> <p>GOVERNMENT/POLITICAL SCIENCE:</p> <p>1. _____</p> <p>SOCIAL AND BEHAVIORAL SCIENCE:</p> <p>1. _____</p> <p>COMPONENT AREA OPTION:</p> <p>1. _____</p> <p>2. _____</p> |
| <p>FOUNDATION OF KNOWLEDGE</p> <p>MATH: 2314(4)</p> <p>CSCI: 3 hours: COSC 1301, CSCI 1302 or BCIS 1305</p> | <p>FOUNDATION OF KNOWLEDGE:</p> <p>MATH: _____</p> <p>CSCI: _____</p> <p style="text-align: right;">7 hours</p> |
| <p>CHEMISTRY CORE (19 hrs.)</p> <p>CHEM:</p> <p>1311(4) _____ 1312(4) _____ 3421(4) _____ 2175(1) _____</p> <p>3330(4) _____ 4170(1) _____ 4175(1) _____</p> | <p>CHEMISTRY CORE (19 hrs.)</p> <p>1311(4) _____ 1312(4) _____ 3421(4) _____ 2175(1) _____</p> <p>3330(4) _____ 4170(1) _____ 4175(1) _____</p> <p style="text-align: right;">19 hours</p> |

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| CHEMISTRY MAJOR 3365(3)_____ 3437/3037(4)_____ 4443/4043(4)_____ 4352/4152(4)_____ 4380(3)_____ 4353(3)_____ 4466/4066(4)_____ | CHEMISTRY MAJOR 3365(3)_____ 3437/3037(4)_____ 4443/4043(4)_____ 4352/4152(4)_____ 4380(3)_____ 4353(3)_____ 4466/4066(4)_____ |
| | 25 hours |
| SUPPORTING MAJOR COURSES (6 HOURS) RSTO 1301(3)_____, RSTO 2301(3)_____ | SUPPORTING MAJOR COURSES (6 hours) RSTO 1301(3)_____, RSTO 2301(3)_____ |
| | 6 hours |
| OTHER REQUIRED COURSES: BIOL 1106(1), 1107(1)_____ MATH 2113(1)_____ | OTHER REQUIRED COURSES: BIOL 1106(1), 1107(1)_____ MATH 2113(1)_____ |
| | 3 hours |
| ADDITIONAL COURSES: (10 hours) BIOL 3421/3021 (4)_____ HAMG 2317 (3)_____ MATH 1342(3)_____ | ADDITIONAL COURSES: (10 hours) BIOL 3421/3021 (4)_____ HAMG 2317 (3)_____ MATH 1342(3)_____ |
| | 10 hours |
| ELECTIVES: (9 hours from the courses below) HAMG 2337(3), 4380(3)_____ MGMT 2372(3), 3370(3)_____ RSTO 4331 (3)_____ | ELECTIVES: (9 hours from the courses below) HAMG 2337(3), 4380(3)_____ MGMT 2372(3), 3370(3)_____ RSTO 4331 (3)_____ |
| | 9 hours |

Must complete 42 semester hrs in residence at SFA. Must complete 36 upper level (3000-4000 level) 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.

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| 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 _____ |