

BIOLOGY – Ecology & Evolutionary

STEPHEN F. AUSTIN STATE UNIVERSITY
COLLEGE OF SCIENCES AND MATHEMATICS

Name: _____

Date: 09/02/2020 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> <ol style="list-style-type: none"> 3 hours from: ENGL 1301 _____, 1303H _____ (C or better is required) 3 hours from SPCH 1315, 1318, 2333 <p>MATHEMATICS:</p> <ol style="list-style-type: none"> 3 hours from: MATH 2313 <p>LIFE AND PHYSICAL SCIENCES:</p> <ol style="list-style-type: none"> 6 hours from: CHEM 1311, 1312 <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <ol style="list-style-type: none"> 3 hours from ENGL 2309, 2322, 2323, 2327, 2328, 2332, 2333, 2341; HIST 2311, 2312, 2321, 2322; PHIL 1301, 2306 <p>CREATIVE ARTS:</p> <ol style="list-style-type: none"> 3 hours from: ARTS 1301, 1303, 1304; DANC 2303; DRAM 1310, 2366; MUMH 1307; MUSI 1306; <p>AMERICAN HISTORY:</p> <ol style="list-style-type: none"> 6 hours from: HIST 1301, 1302 <p>GOVERNMENT/POLITICAL SCIENCE:</p> <ol style="list-style-type: none"> 6 hours from: GOVT 2305, 2306 <p>SOCIAL AND BEHAVIORAL SCIENCES:</p> <ol style="list-style-type: none"> 3 hours from: ANTH 2351; ECON 2301, 2302; GEOG 1303; SOCI 1301; PSYC 2301 <p>COMPONENT AREA OPTION (6HRS)</p> <ol style="list-style-type: none"> 3 hours from: ENGL 1302 _____ (C or better is required) 3 hours from: ENGL 2311 | <p>CORE CURRICULUM (42 hours)</p> <p>COMMUNICATION:</p> <ol style="list-style-type: none"> _____ _____ <p>MATHEMATICS:</p> <ol style="list-style-type: none"> _____ <p>LIFE AND PHYSICAL SCIENCES:</p> <ol style="list-style-type: none"> _____ <p>LANGUAGE, PHILOSOPHY, AND CULTURE:</p> <ol style="list-style-type: none"> _____ <p>CREATIVE ARTS:</p> <ol style="list-style-type: none"> _____ <p>AMERICAN HISTORY:</p> <ol style="list-style-type: none"> _____ <p>GOVERNMENT/POLITICAL SCIENCE:</p> <ol style="list-style-type: none"> _____ <p>SOCIAL AND BEHAVIORAL SCIENCE:</p> <ol style="list-style-type: none"> _____ <p>COMPONENT AREA OPTION:</p> <ol style="list-style-type: none"> _____ _____ <p style="text-align: right;">42 hours</p> |
| <p>FOUNDATION OF KNOWLEDGE(17-19 hours)</p> <p>MATH: 3-4 hrs. from 1342 or 2314/2114</p> <p>SCIENCE: Complete 8 hrs.: PHYS 1301/1101; CHEM 3331/3131</p> <p>Complete additional 3-4 hrs. from: CHEM 3332/3132, 4352/4152, 3421/3021; GEOL 1303/1103, 1304/1104, 3361/3061; PHYS 1302/1102L, 1318/1018; STAT 3342</p> <p>CSCI: 3 hours: COSC 1301, CSCI 1302, CSIT 2301 or BCIS 1305</p> | <p>FOUNDATION OF KNOWLEDGE:</p> <p>MATH: _____</p> <p>SCIENCE: 1. _____ 2. _____</p> <p>ADD: 1. _____</p> <p>CSCI: _____</p> <p style="text-align: right;">17-19 hours</p> |

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| <p>BIOLOGY MAJOR: <u>ECOLOGY & EVOLUTIONARY</u> (38-42 hrs.)</p> <p>FOUNDATION (16 hrs.): 1306/1106(4)____ 1307/1107(4)____ 3453/3053(4)____ 4389(3) ____ 4199(1)____</p> <p>ECOLOGY AND EVOLUTIONARY REQUIREMENTS (22-26 hours): ____ 6 hrs. from form/function: 2361/2061 and 2371/2071L ____ 3 hrs. from ecology: 3381/3081L ____ 3 hrs. from cell/molecular: 3350/3050, 4351 or 4352 ____ 3-4 hrs. from physiology: 3440/3040 or 4465/4065 ____ 3-6 hrs. from ADV ecology/evolutionary: 3443; 4354; 4367; 4368; 4386; 4484; 4612; 4682 ____ 3-4 hrs. from ADV form/function: 3331; 3360; 3421; 3433; 3441; 3461; 3463; 4366; 4334; 4436; 4342; 4444; 4446; or 4448</p> | <p>BIOLOGY MAJOR: <u>ECOLOGY & EVOLUTIONARY</u> (38-42 hrs.)</p> <p>FOUNDATION (16 hrs.): 1306/1106(4)____ 1307/1107(4)____ 3453/3053(4)____ 4389(3) ____ 4199(1)____</p> <p>ECOLOGY AND EVOLUTIONARY REQUIREMENTS (22-26 hours): ____ 6 hrs. from form/function: 2361/2061 and 2371/2071L ____ 3 hrs. from ecology: 3381/3081L ____ 3 hrs. from cell/molecular: 3350/3050, 4351 or 4352 ____ 3-4 hrs. from physiology: 3440/3040 or 4465/4065 ____ 3-6 hrs. from ADV ecology/evolutionary: 3443; 4354; 4367; 4368; 4386; 4484; 4612; 4682 ____ 3-4 hrs. from ADV form/function: 3331; 3360; 3421; 3433; 3441; 3461; 3463; 4366; 4334; 4436; 4342; 4444; 4446; or 4448</p> |
| <p>OTHER REQUIRED COURSES (3 hours) CHEM 1111(1)____ CHEM 1112(1) ____ MATH 2113(1)____</p> | <p>OTHER REQUIRED COURSES (3 hours) CHEM 1111(1)____ CHEM 1112(1) ____ MATH 2113(1)____</p> |
| <p>ADVANCED BIOLOGY ELECTIVES: 14-20 hours of upper level bio electives; up to two upper-level courses outside the major may be selected. <u>This section is not required if student chooses to declare a minor.</u></p> <p>(excludes BIOL 3417/3017L; 3420/3020L)</p> | <p>ADVANCED BIOLOGY ELECTIVES: 14-20 hours of upper level bio electives; up to two upper-level courses outside the major may be selected. <u>This section is not required if student chooses to declare a minor.</u></p> <p>(excludes BIOL 3417/3017L; 3420/3020L)</p> |
| <p>OPTIONAL MINOR: (18-24 hours)</p> | <p>OPTIONAL MINOR: (18-24 hours)</p> |
| <p>ELECTIVES:</p> | <p>ELECTIVES:</p> <p>_____ hours of electives of which _____ hours are are advanced (3000-4000) to meet residence requirements</p> |

Must have 42 hours in residence at SFA. Must have 36 advanced hrs (3000-4000 level) 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 _____ |