Requirements for the BACHELOR OF SCIENCE DEGREE

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<th>HOURS ON TRANSCRIPT</th>
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**CORE CURRICULUM (42 hours)**

**COMMUNICATION:**
1. 3 hours from: ENGL 1301, 1303H (C or better is required)
2. 3 hours from SPCH 1315, 1318, 2333

**MATHEMATICS:**
1. 3 hours from: MATH 2313

**LIFE AND PHYSICAL SCIENCES:**
1. 6 hours from: CHEM 1311, 1312

**LANGUAGE, PHILOSOPHY, AND CULTURE:**
1. 3 hours from ENGL 2309, 2322, 2323, 2327, 2328, 2332, 2333, 2341; HIST 2311, 2312, 2321, 2322; PHIL 1301, 2306

**CREATIVE ARTS:**
1. 3 hours from: ARTS 1301, 1303, 1304; DANC 2303; DRAM 1310, 2366; MUMH 1307; MUSI 1306

**AMERICAN HISTORY:**
1. 6 hours from: HIST 1301, 1302

**GOVERNMENT/POLITICAL SCIENCE:**
1. 6 hours from: GOVT 2305, 2306

**SOCIAL AND BEHAVIORAL SCIENCES:**
1. 3 hours from: ANTH 2351; ECON 2301, 2302; GEOG 1303; SOCI 1301; PSYC 2301

**COMPONENT AREA OPTION (6HRS)**
1. 3 hours from: ENGL 1302 (C or better is required)
2. 3 hours from: ENGL 2311

**FOUNDATION OF KNOWLEDGE (17-19 hours)**

**MATH:** 3-4 hrs. from 1342 or 2314/2114

**SCIENCE:** Complete 8 hrs.: PHYS 1301/1101; CHEM 3331/3131
Complete additional 3-4 hrs. from: CHEM 3332/3132, 4352/4152, 3421/3021; GEOL 1303/1103, 1304/1104, 3361/3061; PHYS 1302/1102, 1318/1018; STAT 3342

**CSCI:** 3 hours: COSC 1301, CSCI 1302, CSIT 2301 or BCIS 1305

**FOUNDATION OF KNOWLEDGE:**

**MATH:**

**SCIENCE:** 1.  
2.

**ADD:**
1.

**CSCI:**
### BIOLOGY MAJOR: CELLULAR & MOLECULAR (35-36 hrs.)

**FOUNDATION (16 hrs.):**
- 1306/1106(4)
- 1307/1107(4)
- 3453/3053(4)
- 4389(3)
- 4199(1)

**Cellular and Molecular requirements (19-20 hrs.):**
- 3 hrs. from form/function: 2361/2061 or 2371/2071
- 4 hrs. from physiology: 3440/3040 or 4465/4065
- 3-4 hrs. from organismal: 3421/3021, 3443/3043 or 4363/4063
- 6 hrs. from cellular & molecular: 4351 & 4352
- 3 hrs. from ecology: 3381/3081 or 4367/4067

**OTHER REQUIRED COURSES (3 hours)**
- CHEM 1111(1)
- CHEM 1112(1)
- MATH 2113(1)

**ADVANCED BIOLOGY ELECTIVES: 20-23 hours of upper level bio electives; up to two upper-level courses outside the major may be selected. This section is not required if student chooses to declare a minor.**

(excludes BIOL 3417/3017; 3420/3020)

**OPTIONAL MINOR: (18-24 hours):**

**GENERAL ELECTIVES:**
- _____ hours of electives of which _______ hours are advanced (3000-4000) to meet residence requirements

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.

<table>
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<tr>
<th>Minor Dept:</th>
<th>TOTAL RECORDED HOURS ON TRANSCRIPT</th>
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<tbody>
<tr>
<td>Major Dept:</td>
<td>TOTAL HOURS TO BE TAKEN</td>
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<tr>
<td>Student Agreement</td>
<td>TOTAL HOURS REQUIRED FOR DEGREE</td>
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<tr>
<td>Approved–Dean of College:</td>
<td>TOTAL HOURS EARNED FOR DEGREE</td>
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