# Requirements for the BACHELOR OF SCIENCE DEGREE

**CORE CURRICULUM (42 hours)**

**COMMUNICATION:**
1. 3 hours from: ENGL 1301____, or 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, 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; **GEOG** 1303/1103, 1304/1104, 3361/3061; **PHYS** 1302/1102L, 1318/1018; **STAT** 3342

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

**HOURS TO BE TAKEN**

**CORE CURRICULUM (42 hours)**

**COMMUNICATION:**
1. ___________________________________________
2. ___________________________________________

**MATHEMATICS:**
1. ___________________________________________

**LIFE AND PHYSICAL SCIENCES:**
1. ___________________________________________

**LANGUAGE, PHILOSOPHY, AND CULTURE:**
1. ___________________________________________

**CREATIVE ARTS:**
1. ___________________________________________

**AMERICAN HISTORY:**
1. ___________________________________________

**GOVERNMENT/POLITICAL SCIENCE:**
1. ___________________________________________

**SOCIAL AND BEHAVIORAL SCIENCE:**
1. ___________________________________________

**COMPONENT AREA OPTION:**
1. ___________________________________________
2. ___________________________________________

**FOUNDATION OF KNOWLEDGE:**

**MATH:** ________________________________

**SCIENCE:** 1. __________________________ 2. __________________________

**ADD:** 1. __________________________

**CSCI:** ________________________________

**17-19 hours**
BIOLOGY MAJOR: AQUATIC (Freshwater and Marine)

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

AQUATICS REQUIREMENTS (30-34 hours):
____ 6 hrs. from form/function: 2361/2061 and 2371/2071L
____ 4 hrs. from ecology: 3481/3081L
____ 3 hrs. from BIOL 3461/3061
____ 4 hrs. from physiology: 3440/3040 or 4465/4065
____ 10-12 hrs. from ADV aquatic: 3317; 4434/4034, 4442/4042; 4484/4084; 4612; 4682; GEOL 3303
____ 6-8 hrs. from ADV survey biology: 3360/3060; 3421/3021; 4386; 4444/4044; 4446/4046; 4448/4048

OTHER REQUIRED COURSES (3 hours)
CHEM 1111(1) ____ CHEM 1112(1) ____ MATH 2113(1) ___

ADVANCED BIOLOGY ELECTIVES: 5-10 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 3417/3017L; 3420/3020L)

OPTIONAL MINOR: (18-24 hours)

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 hours (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.