

## BACHELOR OF SCIENCE IN BIOLOGY WITH A CONCENTRATION IN ECOLOGY

Credit Hours Required for Degree: 120

Advanced Credit Hours: 36

\*25% of courses must be taken at A&M-SA for degree

### Core Curriculum

|   |  |           |
|---|--|-----------|
| <b>ENGL 1301</b>                        | Composition I  | 3         |
| <b>ENGL 1302 OR ENGL 2311</b>           | Composition II <b>OR</b> Technical Writing           | 3         |
| <b>MATH 2313</b>                        | Calculus I   | 3         |
| <b>BIOL 1306</b>                        | General Biology I                                    | 3         |
| <b>BIOL 1307</b>                        | General Biology II                                   | 3         |
| <b>Lang/Phil/Culture</b>                | Select <b>ONE</b> course from approved 040 core list | 3         |
| <b>Creative Arts</b>                    | Select <b>ONE</b> course from approved 050 core list | 3         |
| <b>American History</b>                 | Select <b>ONE</b> course from approved 060 core list | 3         |
| <b>American History</b>                 | Select <b>ONE</b> course from approved 060 core list | 3         |
| <b>Government/Political Science</b>     | Select <b>ONE</b> course from approved 070 core list | 3         |
| <b>Government/Political Science</b>     | Select <b>ONE</b> course from approved 070 core list | 3         |
| <b>Social &amp; Behavioral Sciences</b> | Select <b>ONE</b> course from approved 080 core list | 3         |
| <b>CHEM 1311</b>                        | Chemistry I  | 3         |
| <b>CHEM 1312</b>                        | Chemistry II   | 3         |
| <b>Total SCHs</b>                       |  | <b>42</b> |

### Required Support Courses (Courses may be taken at the community college)

|                       |                            |           |
|-----------------------|----------------------------|-----------|
| <b>MATH 2113</b>      | Calculus I laboratory      | 1         |
| <b>CHEM 1111</b>      | General Chemistry I Lab    | 1         |
| <b>CHEM 1112</b>      | General Chemistry II Lab   | 1         |
| <b>CHEM 2323/2123</b> | Organic Chemistry I w/lab  | 3/1       |
| <b>CHEM 2325/2125</b> | Organic Chemistry II w/lab | 3/1       |
| <b>PHYS 1301/1101</b> | General Physics I w/lab    | 3/1       |
| <b>PHYS 1302/1102</b> | General Physics II w/lab   | 3/1       |
| <b>Total SCHs</b>     |                            | <b>19</b> |

An earned letter grade of "C" in the following courses is required for this degree: BIOL 1306, BIOL 1106, BIOL 1307, BIOL 1107

This is only a guide and does not constitute an official degree plan. To access the 2019-2020 A&M-SA catalog:

<http://www.tamusa.edu/provost/universitycatalog.html>