

# ENVIRONMENTAL STUDIES - BS

## Program Requirements

### First Year

| Fall  |   | Semester Credit Hours |
|---|---|-----------------------|
| BESC 201  | Introduction to Bioenvironmental Sciences | 3                     |
| BIOL 111<br>or BIOL 101   | Introductory Biology I<br>or Botany       | 4                     |
| ECCB 205  | Fundamentals of Ecology                   | 3                     |
| Social and behavioral sciences ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#social-behavioral-sciences</a> ) <sup>1</sup> |   | 3                     |
| General elective <sup>1</sup>   |   | 1                     |
| <b>Semester Credit Hours</b>  |   | <b>14</b>             |

### Spring

|   |                                 |           |
|---|---------------------------------|-----------|
| CHEM 119  | Fundamentals of Chemistry I     | 4         |
| GEOG 201  | Introduction to Human Geography | 3         |
| Communication ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication</a> ) <sup>1</sup>  |                                 | 3         |
| Government/Political science ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science</a> ) <sup>1</sup>   |                                 | 3         |
| Language, philosophy and culture ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture</a> ) <sup>1</sup> |                                 | 3         |
| <b>Semester Credit Hours</b>  |                                 | <b>16</b> |

### Second Year

| Fall  |                                | Semester Credit Hours |
|---|--------------------------------|-----------------------|
| BESC 367  | U.S. Environmental Regulations | 3                     |
| GEOG 203  | Planet Earth                   | 3                     |
| GEOG 213  | Planet Earth Lab               | 1                     |
| Government/Political science ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science</a> ) <sup>1</sup> |                                | 3                     |
| Environmental policy elective <sup>2</sup>  |                                | 3                     |
| General elective <sup>1</sup>   |                                | 3                     |
| <b>Semester Credit Hours</b>  |                                | <b>16</b>             |

### Spring

|   |                |           |
|---|----------------|-----------|
| ECCB 309  | Forest Ecology | 3         |
| American history ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> ) <sup>1</sup> |                | 3         |
| Creative arts ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts</a> ) <sup>1</sup>          |                | 3         |
| Environmental policy elective <sup>2</sup>  |                | 3         |
| Natural resource elective <sup>3</sup>  |                | 3         |
| <b>Semester Credit Hours</b>  |                | <b>15</b> |

### Third Year

| Fall  |                                   | Semester Credit Hours |
|---|-----------------------------------|-----------------------|
| GEOG 304  | Economic Geography                | 3                     |
| RWFM 375  | Conservation of Natural Resources | 3                     |
| American history ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a> ) <sup>1</sup> |                                   | 3                     |
| Mathematics ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics</a> ) <sup>1</sup>                |                                   | 3                     |
| Natural resource elective <sup>3</sup>  |                                   | 3                     |
| <b>Semester Credit Hours</b>  |                                   | <b>15</b>             |

### Spring

|  |                                       |           |
|--|---------------------------------------|-----------|
| RWFM 306   | Wildlife and the Changing Environment | 3         |
| Mathematics ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics</a> ) <sup>1</sup> |                                       | 3         |
| Environmental policy elective <sup>2</sup>   |                                       | 3         |
| Natural resource elective <sup>3</sup>   |                                       | 3         |
| General elective <sup>1</sup>  |                                       | 3         |
| <b>Semester Credit Hours</b>   |                                       | <b>15</b> |

### Fourth Year

| Fall   |   | Semester Credit Hours |
|--|---|-----------------------|
| ECCB 351<br>or RWFM 470  | Geographic Information Systems for<br>Resource Management<br>or Environmental Impact Assessment | 3                     |
| SCSC 301   | Soil Science  | 4                     |
| Select one of the following:   |   | 3                     |
| STAT 201   | Elementary Statistical Inference  |                       |
| STAT 301   | Introduction to Biometry  |                       |
| STAT 302   | Statistical Methods   |                       |
| STAT 303   | Statistical Methods   |                       |
| Communication ( <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication</a> ) <sup>1</sup> |   | 3                     |
| Environmental policy elective <sup>2</sup>   |   | 3                     |
| <b>Semester Credit Hours</b>   |   | <b>16</b>             |

### Spring

|  |                  |            |
|--|------------------|------------|
| BESC 481                                   | Seminar          | 1          |
| BESC 484                                   | Field Experience | 3          |
| Environmental policy elective <sup>2</sup> |                  | 3          |
| Natural resource elective <sup>3</sup>     |                  | 3          |
| General elective <sup>1</sup>              |                  | 3          |
| <b>Semester Credit Hours</b>               |                  | <b>13</b>  |
| <b>Total Semester Credit Hours</b>         |                  | <b>120</b> |

<sup>1</sup> Graduation requirements include a requirement for 3 hours of International and Cultural Diversity (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/>) courses and 3 hours of Cultural Discourse (<http://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/>) courses. A course satisfying a Core category, a college/department requirement, or a free elective can be used to satisfy this requirement. Select in consultation with an academic advisor.

<sup>2</sup> Select five from the following in consultation with academic advisor: AGEC 344, AGEC 350, AGEC 429; BESC 314, BESC 357; ECCB 308, ECON 202, ECON 203, ECON 323, ECON 412, ENTO 210, ENTO 431/FIVS 431; GEOG 205, GEOG 401, GEOG 406, GEOS 105, PHIL 205, PHIL 314, URPN 202, URPN 360, URPN 370, URPN 460, POLS 229, POLS 231, POLS 306, POLS 340, POLS 342, POLS 347, POLS 440, POLS 461; RWF 308, RWF 436; SOCI 312, SOCI 328, SCSC 330.

<sup>3</sup> Select four from the following in consultation with academic advisor: AGSM 301, AGSM 335, AGSM 337, AGSM 477, BESC 204, BESC 320, BESC 401, BESC 403, ECCB 203, ECCB 304, ECCB 320, ECCB 403, ECCB 444, ENTO 201, ENTO 320, ENTO 403, ENTO 424; HORT 301, POSC 427, RPTS 426, RPTS 460/ECCB 460, RWF 301, RWF 323, RWF 405, RWF 411, RWF 418, RWF 420, SCSC 105, SCSC 201, SCSC 205, SCSC 302, SCSC 310, SCSC 311, SCSC 315, SCSC 410, SCSC 420, SCSC 421, SCSC 444, SCSC 458.

A minimum of 120 semester hours will be required for a BS degree.