

# ENVIRONMENTAL STUDIES - BS

This BS degree in Environmental Studies provides students with the opportunity to learn about the major societal forces that influence environmental issues. These include political agreement supporting legal and regulatory requirements, economics and the marketplace, environmental values, and technology. Students gain technical background blended with a solid foundation in economics, political issues, environmental law, ethics, and communications. Technology and the environment are well supported in existing curricula and contribute to the multidisciplinary nature of the Environmental Studies degree. Technical courses focus on biological sciences, natural resources, and assessment of the environment and come from the Agricultural Economics; Bioenvironmental Sciences; Entomology; Forest Science; Rangeland Ecology and Management; Recreation, Park and Tourism Sciences; Soil and Crop Sciences; and Wildlife and Fisheries Sciences. It is the fusion of these courses with those from the Liberal Arts that make this a truly unique curriculum.

## Program Requirements

### First Year

		Semester Credit Hours
<b>Fall</b>		
BESC 201	Introduction to Bioenvironmental Sciences	3
BIOL 111 or BIOL 101	Introductory Biology I 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>
<b>Spring</b>		
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

<b>Fall</b>		
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

<b>Fall</b>		
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

<b>Fall</b>		
ECCB 351 or RWFM 470	Geographic Information Systems for Resource Management or Environmental Impact Assessment	3
SCSC 301	Soil Science	4
Select one of the following:		3
STAT 201	Elementary Statistical Inference	3
STAT 301	Introduction to Biometry	3
STAT 302	Statistical Methods	3
STAT 303	Statistical Methods	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
Environmental policy elective <sup>2</sup>	3	
<b>Semester Credit Hours</b>		<b>16</b>
<b>Spring</b>		
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.