

# RANGELAND, WILDLIFE AND FISHERIES MANAGEMENT - BS, NATURAL RESOURCES MANAGEMENT AND POLICY TRACK

## Program Requirements

### First Year

		Semester Credit Hours
<b>Fall</b>		
CHEM 119	Fundamentals of Chemistry I	4
ENGL 104	Composition and Rhetoric	3
ESSM 201	Exploring Ecosystem Science and Management	1
MATH 140	Mathematics for Business and Social Sciences	3
General elective <sup>1</sup>		3
	Semester Credit Hours	14

### Spring

ENGL 210 or COMM 203	Technical and Professional Writing or Public Speaking	3
MATH 142	Business Calculus	3
RENr 205	Fundamentals of Ecology	3
RENr 215	Fundamentals of Ecology--Laboratory	1
HORT 201 & HORT 202	Horticultural Science and Practices and Horticultural Science and Practices Laboratory	4
	Semester Credit Hours	14

### Second Year

<b>Fall</b>		
POLS 206	American National Government <sup>2</sup>	3
Select one of the following:		4
BIOL 107	Zoology	
BIOL 111	Introductory Biology I	
BIOL 112	Introductory Biology II	
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>2</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>2</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>2</sup>		3
	Semester Credit Hours	16

### Spring

AGEC 105	Introduction to Agricultural Economics	3
POLS 207	State and Local Government <sup>2</sup>	3
RWFM 202	Concepts in Applied Plant Biology	3

RWFM 305	Principles and Practices of Wildlife and Fisheries Management	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>2</sup>		3
	Semester Credit Hours	15

### Third Year

#### Fall

ESSM 351/ RENr 405	Geographic Information Systems for Resource Management	3
RPTS 308	Foundations of Community and Community Development	3
RWFM 321	Communicating Natural Resources	3
RWFM 345	Human Dimensions of Natural Resource Management and Policy	3
STAT 302	Statistical Methods	3
	Semester Credit Hours	15

#### Spring

ESSM 314	Principles of Rangeland Management Around the World	3
RENr 375	Conservation of Natural Resources	3
RPTS 316	Recreational Management of Wildlands	3
RPTS 336	Research and Analysis in Recreation and Tourism	3
Directed elective <sup>3</sup>		3
	Semester Credit Hours	15

### Summer

RENr 345	Park Ecology and Management	3
	Semester Credit Hours	3

### Fourth Year

#### Fall

ESSM 318	Coupled Social and Ecological Systems	3
ESSM 406	Natural Resources Policy	3
WFSC 303	Fish and Wildlife Laws and Administration	3
Directed elective <sup>3</sup>		3
General elective <sup>1</sup>		3
	Semester Credit Hours	15

#### Spring

AGEC 325	Principles of Farm and Ranch Management	3
ESSM 481	Senior Seminar	1
RPTS 460/ RENr 460	Nature, Values, and Protected Areas	3
RWFM 461	Community-Based Conservation	3
Directed elective <sup>3</sup>		3
	Semester Credit Hours	13
	Total Semester Credit Hours	120

2 Rangeland, Wildlife and Fisheries Management - BS, Natural Resources Management and Policy Track

<sup>1</sup> Select any 100-499 course not used elsewhere.

<sup>2</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>3</sup> Direct electives to be chosen in consultation with Academic Advisor.