

# RANGELAND, WILDLIFE AND FISHERIES MANAGEMENT - BS, WILDLIFE MANAGEMENT TRACK

## Program Requirements

### First Year

		Semester Credit Hours
<b>Fall</b>		
AGEC 105	Introduction to Agricultural Economics	3
BIOL 111	Introductory Biology I	4
ENGL 104	Composition and Rhetoric	3
MATH 140	Mathematics for Business and Social Sciences	3
RWFM 101	Exploring Rangeland, Wildlife and Fisheries Management	1
<b>Semester Credit Hours</b>		<b>14</b>

### Spring

BIOL 112	Introductory Biology II	4
ECCB 205	Fundamentals of Ecology	3
ECCB 215	Fundamentals of Ecology--Laboratory	1
ENGL 210 or COMM 203	Technical and Professional Writing or Public Speaking	3
MATH 142	Business Calculus	3
<b>Semester Credit Hours</b>		<b>14</b>

### Second Year

		Semester Credit Hours
<b>Fall</b>		
CHEM 119	Fundamentals of Chemistry I	4
POLS 206	American National Government	3
RWFM 202	Concepts in Applied Plant Biology	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> )		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> )		3
<b>Semester Credit Hours</b>		<b>16</b>

### Spring

CHEM 222	Elements of Organic and Biological Chemistry	3
POLS 207	State and Local Government	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> )		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> )		3
<b>Semester Credit Hours</b>		<b>15</b>

### Summer

RWFM 333	Rangeland, Wildlife & Fisheries Field Techniques	3
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**Semester Credit Hours** 3

### Third Year

#### Fall

ECCB 302	Diversity and Evolution of Vertebrates	3
ECCB 351	Geographic Information Systems for Resource Management	3
RWFM 321	Communicating Natural Resources	3
STAT 302	Statistical Methods	3

Botany 3

Select one of the following:

ECCB 203 Forest Trees of North America

ECCB 312 Agrostology

RWFM 302 Wildland Plants of North America

**Semester Credit Hours** 15

#### Spring

RWFM 308	Fish and Wildlife Laws and Administration	3
RWFM 314	Principles of Rangeland Management Around the World	3
RWFM 350	Wildlife Population Dynamics	3
SCSC 301	Soil Science	4
Biodiversity		3

Select one of the following:

ECCB 315 Herpetology

ECCB 401 General Mammalogy

ECCB 402 General Ornithology

**Semester Credit Hours** 16

### Fourth Year

#### Fall

RWFM 375	Conservation of Natural Resources	3
RWFM 406	Wildlife Habitat Management	3
RWFM 484	Internship	1
Biodiversity		3

Select one of the following:

ECCB 315 Herpetology

ECCB 401 General Mammalogy

ECCB 402 General Ornithology

Wildlife management 3

Select one of the following:

RWFM 309/  
VTPB 301 Wildlife Diseases

RWFM 405 Urban Wildlife and Fisheries

RWFM 419 Wildlife Restoration

RWFM 421 Upland Bird Management

RWFM 422 Large Mammal Management

RWFM 423 Waterfowl and Wetland Management

RWFM 424 Wildlife Damage Management

RWFM 425 Carnivore Management

General elective<sup>1</sup> 1

**Semester Credit Hours** 14

**Spring**

AGEC 325	Principles of Farm and Ranch Management	3
RWFM 408	Techniques of Wildlife Management	3
RWFM 481	Senior Seminar	1
Advanced wildlife biology		3
Select one of the following:		
ECCB 313	Diversity and Evolution of Invertebrates	
RWFM 349	Rangeland and Wildlife Animal Nutrition	
RWFM 354	Wildlife Anatomy and Physiology	
Wildlife management		3
Select one of the following:		
RWFM 309/ VTPB 301	Wildlife Diseases	
RWFM 405	Urban Wildlife and Fisheries	
RWFM 419	Wildlife Restoration	
RWFM 421	Upland Bird Management	
RWFM 422	Large Mammal Management	
RWFM 423	Waterfowl and Wetland Management	
RWFM 424	Wildlife Damage Management	
RWFM 425	Carnivore Management	
<b>Semester Credit Hours</b>		<b>13</b>
<b>Total Semester Credit Hours</b>		<b>120</b>

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

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.