

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

Program Requirements

First Year

		Semester Credit Hours
Fall		
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
Semester Credit Hours		14
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
Semester Credit Hours		14

Second Year

Fall		
CHEM 119	Fundamentals of Chemistry I	4
POLS 206	American National Government	3
RWFM 202	Concepts in Applied Plant Biology	3
American history (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history)		3
Creative arts (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts)		3
Semester Credit Hours		16
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 (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history)		3
Language, philosophy and culture (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture)		3
Semester Credit Hours		15

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 ¹		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	
Semester Credit Hours		13
Total Semester Credit Hours		120

¹ 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.