

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

Program Requirements

First Year

		Semester Credit Hours
Fall		
AGEC 105	Introduction to Agricultural Economics	3
BIOL 111	Introductory Biology I	4
ENGL 210	Technical and Professional Writing	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
COMM 203	Public Speaking	3
ECCB 205	Fundamentals of Ecology	3
ECCB 215	Fundamentals of Ecology--Laboratory	1
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
----------	--	---

Semester Credit Hours 3

Third Year

Fall

ECCB 302	Diversity and Evolution of Vertebrates	3
ECCB 313	Diversity and Evolution of Invertebrates	3
RWFM 321	Communicating Natural Resources	3
RWFM 370	Aquatic Vegetation Management	2
STAT 302	Statistical Methods	3

Semester Credit Hours 14

Spring

AGEC 325	Principles of Farm and Ranch Management	3
RWFM 308	Fish and Wildlife Laws and Administration	3
RWFM 314	Principles of Rangeland Management Around the World	3
RWFM 443	Aquaculture I: Principles and Practices	3
RWFM 371	Pond and Small Impoundment Management	3

Semester Credit Hours 15

Fourth Year

Fall

ECCB 311	Ichthyology	3
ECCB 351	Geographic Information Systems for Resource Management	3
RWFM 375	Conservation of Natural Resources	3
RWFM 410	Principles of Fisheries Management	4
RWFM 447	Aquaculture II: Aquatic Animal Nutrition, Feeding and Disease Management	3

Semester Credit Hours 16

Spring

RWFM 404	Aquatic Ecosystems	3
RWFM 444	Aquaculture Hatchery Management	3
RWFM 445	Fish Health and Diseases	3
RWFM 446	Fish Physiology	3
RWFM 481	Senior Seminar	1

Semester Credit Hours 13

Total Semester Credit Hours 120

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.