

**BS-RWFM - AQUACULTURE AND FISHERIES MANAGEMENT TRACK
CATALOG 145 (22-23)**

First Year							
FALL				SPRING			
BIOL 111	Introductory Biology I	4		BIOL 112	Introductory Biology II	4	
MATH 140	Mathematics for Business and Social Sciences	3		MATH 142	Business Calculus	3	
AGEC 105	Introduction to Agricultural Economics	3		COMM 203	Public Speaking	3	
ENGL 104	Composition and Rhetoric	3		ECCB 205	Fundamentals of Ecology	3	
RWFM 101	Exploring Rangeland, Wildlife and Fisheries Management	1		ECCB 215	Fundamentals of Ecology Lab	1	
Semester Credit Hours			14	Semester Credit Hours			14

Second Year							
FALL				SPRING			
CHEM 119	Fundamentals of Chemistry I	4		CHEM 222	Elements of Organic and Biological Chemistry	3	
HIST 105	History of United States	3		HIST 106	History of United States	3	
RWFM 202	Concepts in Applied Plant Biology	3		POLS 207	State Government	3	
POLS 206	National Government	3		RWFM 305	Principles and Practices of Wildlife and Fisheries	3	
Creative Arts		3		Language, Philosophy and Culture Elective ^a		3	
Semester Credit Hours			16	Semester Credit Hours			15

Summer			
RWFM 333	Rangeland, Wildlife and Fisheries Field Techniques	3	
Semester Credit Hours			3

Third Year							
FALL				SPRING			
ECCB 313	Diversity and Evolution of Invertebrates	3		AGEC 325	Farm and Ranch Management	3	
ECCB 302	Diversity and Evolution of Vertebrates	3		RWFM 308	Wildlife Laws and Administration	3	
STAT 302	Statistical Methods	3		RWFM 314	Principles of Rangeland Management Around the World	3	
RWFM 321	Communicating Natural Resources	3		RWFM 371	Pond and Small Impoundment Management	3	
RWFM 370	Aquatic Vegetation Management	2		RWFM 443	Aquaculture I: Principles and Practices	3	
Semester Credit Hours			14	Semester Credit Hours			15

Fourth Year							
FALL				SPRING			
RWFM 410	Principles of Fisheries Management	4		RWFM 444	Aquaculture Hatchery Management	3	
RWFM 447	Aquaculture II: Aquatic Animal Nutrition, Feeding and Disease Management	3		RWFM 481	Senior Seminar	1	
ECCB 311	Ichthyology	3		RWFM 404	Aquatic Ecosystems	3	
RWFM 375	Conservation of Natural Resources	3		RWFM 445	Fish Health and Diseases	3	
RWFM 351	GIS for Resource Management	3		RWFM 446	Fish Physiology	3	
Semester Credit Hours			16	Semester Credit Hours			13

Graduation Requirements
a. Complete the University Core Curriculum. Core Curriculum courses are listed on the University Core Curriculum page. For additional information, please reference http://core.tamu.edu
b. Complete the Foreign Language requirement. A minimum of one year of foreign language is required for all baccalaureate degree programs at Texas A&M. For many programs, this degree requirement can be satisfied by the satisfactory completion of two units of the same foreign language at the high school level or one year of the same language at the college level.
c. Complete the Writing requirement. The requirement may be met by passing two writing (W) courses or one writing (W) course and one oral communication (C) course in the student's major.

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d. Graduation requirements include a requirement for 3 hours of International and Cultural Diversity courses and 3 hours of Cultural Discourse 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.

e. Students must take one course (3 credit hours) from the list available on the International and [Cultural Diversity Requirement](#) page. For additional information, please reference <http://icd.tamu.edu>.