

Wildlife and Fisheries Biology

Freshman Year

First Semester			Second Semester		
BIOL 103	General Biology I	3	BIOL 104	General Biology II	3
BIOL 105	General Biology Lab. I	1	BIOL 106	General Biology Lab. II	1
CH 101	General Chemistry	4	CH 106 OR PHYS 200	Chemistry in Context II ¹ Introductory Physics	4 4
ENR 101	Intro to Environment & Natural Resources	1	ENGL 103	Accelerated Composition	3
MTHSC 102	Intro. to Mathematical Analysis	3	EX ST 301	Introductory Statistics	3
Oral Communication Requirement ²		3	FNR 102	FNR Freshman Portfolio	1
Semester Hours: 15			Semester Hours: 15		

Sophomore Year

First Semester			Second Semester		
FNR 204	Soil Information Systems	4	GEN 300	Fundamental Genetics	3
FOR 205	Dendrology	2	ENGL 314	Technical Writing	3
FOR 221	Forest Biology	3	FOR 206	Forest Ecology	3
WFB 300	Wildlife Biology	3	WFB 350	Principles of Fish & Wildlife Biology	3
WFB 301	Wildlife Biology Laboratory	1	Social Science Requirement ¹		3
Arts and Humanities (Non-Lit.) Requirement ¹		3	Semester Hours: 15		
Semester Hours: 16			Semester Hours: 15		

Junior Year

First Semester			Second Semester		
BIOSC 320	Field Botany	4	WFB (BIOSC) 313	Conservation Biology	3
Approved Requirement ²		3	WFB 412	Wildlife Management	3
BIOSC 303	Vertebrate Biology	3	WFB 416	Fishery Biology	3
WFB 410	Wildlife Management Techniques	3	WFB 440	Non-Game Wildlife Management	3
Arts and Humanities (Lit.) Requirement ¹		3	WFB 462	Wetland Wildlife Biology	3
Semester Hours: 16			Semester Hours: 15		

Senior Year

First Semester			Second Semester		
AP EC 257	Natural Resources, Environment & Economics	3	FNR 499	Natural Resources Seminar	1
AVS 301	Anat. & Phys. of Domestic Animals	4	WFB 430	Wildlife Conservation Policy	3
FOR (ENR) 434	GIS for Landscape Planning	3	Approved Requirement ²		8
WFB 498	Senior Portfolio	1	Policy and Law Requirement ²		3
Approved Requirement ²		4	Semester Hours: 12		
Semester Hours: 15			Semester Hours: 12		

122 Total Semester Hours

¹ See General Education Requirements. Three of these credit hours must also satisfy the Cross-Cultural Awareness Requirement; three credits must also satisfy the Science and Technology in Society Requirement

(Note: Social Science Requirement must be in an area other than economics or applied economics.)

² Select from department-approved list.

Wildlife and Fisheries Biology (Continued)

Approved Requirements for Wildlife and Fisheries Biology						
APEC 475	Wildlife Economics & Policy	3		BIOSC 472, 672	Ornithology	4
AGM 301	Soil and Water Conservation	3		BIOSC 477, 677	Ichthyology	3
BIOSC 302, H302	Invertebrate Biology	3		BIOSC 486	Natural History	3
BIOSC 306	Invertebrate Biology Laboratory	1		CRD 357	Natural Resources Economics	3
BIOSC 307	Vertebrate Biology Laboratory	1		ENR (BIOSC) 413	Restoration Ecology	3
BIOSC 410, 610	Limnology	3		ENR 429	Environmental Law	3
BIOSC 411, H411, 611	Limnological Analyses	2		ENR 450, 650	Conservation Issues	3
BIOSC 417, 617	Marine Biology	3		ENT 300	Environmental Entomology	3
BIOSC 442, H442, 642	Biogeography	3		ENT (WFB) 469, H469, 669	Aquatic Insects	3
BIOSC 443, 643	Freshwater Ecology	3		FNR 466, 666	Stream Ecology	3
BIOSC 475, H475, 675	Comparative Physiology	3		FOR 400, 600	Public Relations in Natural Resources	3
BIOSC 476, H476, 676	Comparative Physiology Lab	2		FOR 406	Forested Watershed Management	2
BIOSC 464, 664	Mammalogy	3		FOR 415, 615	Forest Wildlife Management	3
BIOSC 468, 668	Herpetology	3		FOR 416	Forest Policy and Administration	3
BIOSC 470, H470, 670	Animal Behavior	3		FOR 433, 633	GPS Applications	3
BIOSC 471, 671	Animal Behavior Laboratory	1				
For students considering "AFS" Certification which requires 15 hours of Physical Sciences:						
GEOL 101 AND GEOL 103	Physical Geology Physical Geology Lab	3 1	OR	PHYSICS 200	Introductory Physics	4
Approved Requirements for Policy and Law (PAL) ¹						
APEC 475	Economics of Wildlife Management	3		FOR 400, 600	Public Relations in Natural Resources	3
CRD 357	Natural Resources Economics	3		FOR (ENR) 416	Forest Policy and Administration	3
ENR 429, 469	Environmental Law and Policy	3		WFB 430, 630	Wildlife Conservation Policy	3
ENR 450, 650	Conservation Issues	3				
¹ (as long as not used to fill another requirement in curriculum)						

Note: Any 300 or 400 level WFB course counts as an Approved Requirement if it is not used to meet another requirement in the curriculum.