

# FISHERIES AND WILDLIFE SCIENCES MINOR

Also available via Ecampus.

A sequence in the following is a prerequisite to the Fisheries and Wildlife Sciences minor:

Code	Title	Hours
Select one of the following groups:		12
Group A: Principles of Biology		
BI 211	*PRINCIPLES OF BIOLOGY	
BI 212	*PRINCIPLES OF BIOLOGY	
BI 213	*PRINCIPLES OF BIOLOGY	
Group B: Introductory Biology		
BI 204	*INTRODUCTORY BIOLOGY I	
BI 205	*INTRODUCTORY BIOLOGY II	
BI 206	*INTRODUCTORY BIOLOGY III	
Total Hours		12

A minimum of 27 credits is required with a combination of the following courses. Double counting restrictions, when applicable, are listed for each section. Double counting towards baccalaureate core is permitted.

Code	Title	Hours
<b>Section 1: Foundation</b>		
BI 370	ECOLOGY <sup>1</sup>	3
FW 251	PRINCIPLES OF FISH AND WILDLIFE CONSERVATION <sup>1</sup>	3

<b>Section 2: Species</b>		
Two courses in this section may be double counted. <sup>2</sup>		
<i>Species Evolution and Biology</i>		3-4

Select one course from below: <sup>3-4</sup>

FW 302	BIOLOGY AND CONSERVATION OF MARINE MAMMALS	
or BI 302	BIOLOGY AND CONSERVATION OF MARINE MAMMALS	
FW 311	ORNITHOLOGY	
FW 312	SYSTEMATICS OF BIRDS	
FW 315	ICHTHYOLOGY	
FW 317	MAMMALOLOGY	
FW 331	ECOLOGY OF MARINE AND ESTUARINE BIRDS	
Z 473	HERPETOLOGY	

<i>Systematics</i>		2-3
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Select one course from below: 2-3

FW 312	SYSTEMATICS OF BIRDS	
FW 316	SYSTEMATICS OF FISHES	
FW 318	SYSTEMATICS OF MAMMALS	
Z 474	SYSTEMATIC HERPETOLOGY	

<b>Section 3: Electives</b>		
Select a minimum of 14–16 credits from the following courses or from Section 2:		14-16

None of these courses may be double counted.		
FES 485	*CONSENSUS AND NATURAL RESOURCES	

FW 301	FIELD TECHNIQUES FOR MARINE MAMMAL CONSERVATION	
FW 303	SURVEY OF GEOGRAPHIC INFORMATION SYSTEMS IN NATURAL RESOURCE	
FW 320	INTRODUCTORY POPULATION DYNAMICS	
FW 321	APPLIED COMMUNITY AND ECOSYSTEM ECOLOGY	
FW 323	MANAGEMENT PRINCIPLES OF PACIFIC SALMON IN THE NORTHWEST	
FW 324	*FOOD FROM THE SEA	
FW 325	*GLOBAL CRISES IN RESOURCE ECOLOGY	
FW 326	INTEGRATED WATERSHED MANAGEMENT	
FW 328/VMB 328	WILDLIFE CAPTURE AND IMMOBILIZATION	
FW 340	*MULTICULTURAL PERSPECTIVES IN NATURAL RESOURCES	
FW 341	FISH AND WILDLIFE LAW ENFORCEMENT	
FW 345	*GLOBAL CHANGE BIOLOGY	
FW 350	*ENDANGERED SPECIES, SOCIETY AND SUSTAINABILITY	
FW 356	*CITIZEN SCIENCE	
FW 360	*ORIGINS OF F&W MANAGEMENT-EVOLUTION, GENETICS, AND ECOLOGY	
FW 366	ENVIRONMENTAL CONTAMINANTS IN FISH AND WILDLIFE	
FW 370	CONSERVATION GENETICS	
FW 415	FISHERIES AND WILDLIFE LAW AND POLICY	
FW 419	THE NATURAL HISTORY OF WHALES AND WHALING	
FW 421/BI 421	AQUATIC BIOLOGICAL INVASIONS	
FW 422	INTRODUCTION TO OCEAN LAW	
FW 426	COASTAL ECOLOGY AND RESOURCE MANAGEMENT	
FW 427	PRINCIPLES OF WILDLIFE DISEASES	
FW 431		
FW 434/OC 434	ESTUARINE ECOLOGY	
FW 435	*WILDLIFE IN AGRICULTURAL ECOSYSTEMS	
FW 439	*HUMAN DIMENSIONS OF FISHERIES AND WILDLIFE MANAGEMENT	
FW 445/FES 445	ECOLOGICAL RESTORATION	
FW 451	AVIAN CONSERVATION AND MANAGEMENT	
FW 452/FES 452	BIODIVERSITY CONSERVATION IN MANAGED FORESTS	
FW 454	*FISHERY BIOLOGY	
FW 456	FRESHWATER ECOLOGY AND CONSERVATION	
FW 458	MAMMAL CONSERVATION AND MANAGEMENT	
FW 462	ECOSYSTEM SERVICES	
FW 464	MARINE CONSERVATION BIOLOGY	
FW 465	MARINE FISHERIES	
FW 467	ANTARCTIC SCIENCE AND CONSERVATION	
FW 469	METHODS IN PHYSIOLOGY AND BEHAVIOR OF MARINE MEGAFUNA	

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FW 470	*ECOLOGY AND HISTORY: LANDSCAPES OF THE COLUMBIA BASIN
FW 471	ENVIRONMENTAL PHYSIOLOGY OF FISHES
FW 473	FISH ECOLOGY
FW 474	EARLY LIFE HISTORY OF FISHES
FW 475	WILDLIFE BEHAVIOR
FW 476	FISH PHYSIOLOGY
FW 479	WETLANDS AND RIPARIAN ECOLOGY
FW 481	WILDLIFE ECOLOGY
FW 488	PROBLEM SOLVING IN FISHERIES AND WILDLIFE SCIENCE
FW 489	EFFECTIVE COMMUNICATIONS IN FISHERIES AND WILDLIFE SCIENCE
FW 491/MB 491	FISH DISEASES IN CONSERVATION BIOLOGY AND AQUACULTURE
FW 493	FIELD METHODS FOR MARINE RESEARCH
FW 496/MB 496	FISH DISEASES IN CONSERVATION BIOLOGY AND AQUACULTURE LAB
FW 497	<sup>^</sup> AQUACULTURE
FW 498	AQUACULTURE LABORATORY
FW 499	SPECIAL TOPICS IN FISHERIES AND WILDLIFE
Total Hours	27-32

- <sup>1</sup> Double counting is allowed in this section
- <sup>2</sup> One course may be double counted
- <sup>3</sup> None of these courses may be double counted
- \* Baccalaureate Core Course (BCC)
- <sup>^</sup> Writing Intensive Course (WIC)

**Minor Code: 734**