



Oregon State University
College of Forestry

NATURAL RESOURCES B.S. DEGREE

Specialization Option Checklist: Fish and Wildlife Conservation

Date Prepared:

By:

Student Name	Student ID#	Current Institution/Campus/Major
Email Address		

*=Baccalaureate Core / ^ =WIC (Writing Intensive Course)

FISH AND WILDLIFE CONSERVATION SPECIALIZATION OPTION REQUIREMENTS			
MEASUREMENTS (4 credits) CHOOSE 1		Fulfilled by:	Note #
___ Field Methods in Ecological Restoration (4)	BI 375		
___ Field Sampling of Fish and Wildlife (3)	FW 255		
___ Scientific Methods for Analyzing Natural Resource Problems (3)	NR 325		
___ Rangeland Analysis (4)	RNG 441		
FOUNDATIONS OF CONSERVATION (12 - 14 credits) REQUIRED		Fulfilled by:	Note #
___ Forest Types of the Pacific Northwest (3)	FES 342		
___ OR Introduction to Forestry (3)	FOR 111		
___ Wildland Fire Ecology (3)	FES 440		
___ OR Topics in Wildland Fire (3)	FOR 346		
___ OR Wildland Fire Science Management (4)	FOR 436		
___ Biodiversity Conservation in Managed Forests (3)	FES/FW 452		
___ OR Conservation Genetics (4)	FW 370		
___ Principles of Fish and Wildlife Conservation (3)	FW 251		
FISH AND WILDLIFE BIOLOGY (9 - 12 credits) CHOOSE THREE		Fulfilled by:	Note #
___ Biology and Conservation of Marine Animals (HMSC) (3)	FW 302		
___ Ornithology (3)	FW 311		
___ Ichthyology (3)	FW 315		
___ Mammalogy (3)	FW 317		
___ Intro to Population Dynamics (4)	FW 320		
___ Applied Community Ecosystems Ecology (3)	FW 321		
___ Ecology of Marine and Estuarine Birds (HMSC) (4)	FW 331		
___ Fish Ecology (4)	FW 473		
___ Wildlife Ecology (4)	FW 481		
___ Environmental Physiology (3)	Z 423		
___ Herpetology (3)	Z 473		
HABITAT MANAGEMENT (6 - 9 credits) CHOOSE TWO		Fulfilled by:	Note #
___ Ecological Restoration (4)	FES/FW 445		
___ Integrated Watershed Management (3)	FW 326		
___ Coastal Ecology & Resource Management (HMSC) (5)	FW 426		
___ Estuarine Ecology (4)	FW/OC 434		
___ Wildlife in Agricultural Ecosystems (3)	FW 435^		
___ Freshwater Ecology (5)	FW 456		
___ Wetlands & Riparian Ecology (3)	FW 479		
___ Rangeland Ecology and Management (3)	RNG 341		
___ Riparian Ecohydrology and Management (4)	RNG 455		
___ Ecosystems of Wildland Soils (4)	SOIL 366		
___ OR Soils Systems and Plant Growth (3)	SOIL 388		
___ OR Soil Morphology and Classification (4)	SOIL 466		

NATURAL RESOURCE POLICY (3 credits) CHOOSE ONE		Fulfilled by:	Note #
___ Public Lands Policy and Management (3)	FES 486^		
___ Endangered Species, Society and Sustainability (3)	FW 350*		
___ Fisheries and Wildlife Law and Policy (3)	FW 415		
___ Human Dimensions of Fish and Wildlife (3)	FW 439^		
ELECTIVE (3-4 credits) CHOOSE ONE		Fulfilled by:	Note #
___ Oceans in Peril (3)	BI 347^		
___ Introduction to Plant Biology	BOT 220*		
___ Plant Systematics	BOT 321		
___ Fungi in Society	BOT 324*		
___ Plant Ecology	BOT 341*		
___ Mycology	BOT 461		
___ Environmental Case Studies (4)	ENSC 321^		
___ Management Principles of Pacific Northwest Salmon (3)	FW 323		
___ Environmental Contaminants in Fish and Wildlife (3)	FW 366		
___ Environmental Physiology of Fishes (4)	FW 371		
___ The Natural History of Whales and Whaling (HMSC) (3)	FW 419		
___ Aquatic Biology Invasions (4)	FW 421		
___ Principles of Wildlife Disease (4)	FW 427		
___ Human Dimensions of Fisheries and Wildlife Management	FW 439^		
___ Avian Conservation and Management (3)	FW 451		
___ Fishery Biology (4)	FW 454^		
___ Ecosystems Services (3)	FW 462		
___ Antarctic Science and Conservation (4)	FW 467		
___ Methods in Physiology and Behavior in Marine Megafauna (3)	FW 469		
___ Early Life History of Fishes (4)	FW 474		
___ Wildlife Behavior (4)	FW 475		
___ Fish Physiology (4)	FW 476		
___ Aquaculture (3)	FW 497^		
___ Aquaculture Laboratory (3)	FW 498		
___ Scientific Methods for Analyzing Natural Resource Problems (3)	NR 325		
___ Oceans, Coasts and People	OC 333		
___ Biological Oceanography	OC 440		
___ Habitat Analysis I: Habitat Use and Movement	RNG 457		
___ Biodiversity: Causes, Consequences and Conservation (3)	Z 349*		
___ Animal Behavior (3)	Z 350		
___ Biology of Insects (4)	Z 365		
___ Aquatic Entomology (4)	Z 477		
Note: Up to 6 credits of appropriate internships, projects or study abroad may be used to fulfill credit requirements in this option as approved by petition.			

