



Oregon State University
College of Forestry

NATURAL RESOURCES B.S. DEGREE

Specialization Option Checklist: Ecological Restoration

Date Prepared:

By:

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

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

ECOLOGICAL RESTORATION SPECIALIZATION OPTION REQUIREMENTS			
MEASUREMENTS (3 - 4 credits) CHOOSE 1		Fulfilled by:	Note #
___ Field Methods in Ecological Restoration (4)	BI 375		
___ Field Methods in Plant Ecology (4)	BOT 440		
___ Scientific Methods for Analyzing Natural Resource Problems (3)	NR 325		
___ Rangeland Analysis (4)	RNG 441		
RESOURCE ECONOMICS (3-4 credits) CHOOSE ONE		Fulfilled by:	Note #
___ Natural Resources Economics and Policy	AEC 351*		
___ Environmental Economics and Policy	AEC 352*		
___ Introduction to Coastal and Marine Economics	AEC 353		
___ Forest Resource Economics I	FOR 329		
___ Economics and Policy of Wildland Fire	FOR 431		
ECOLOGICAL RESTORATION FOUNDATIONS (23 - 26 credits) REQUIRED		Fulfilled by:	Note #
___ Plant Systematics (4)	BOT 321		
___ OR Plant Ecology (4)	BOT 341		
___ General Chemistry (5)	CH 122*		
___ OR General Chemistry (4)	CH 232*		
___ AND Lab for Chemistry (1)	CH 262*		
___ Ecological Restoration (4)	FEW/FW 445		
___ Wetlands & Riparian Ecology (3)	FW 479		
___ OR Riparian Ecohydrology & Management (4)	RNG 455		
___ Land Use in the American West (3)	GEOG 450		
___ OR Planning Principles for Resilient Communities (4)	GEOG 451		
___ OR Sustainable Site Planning (3)	GEOG 452		
___ Ecosystems of Wildland Soils (4)	SOIL 366		
___ OR Soils Systems and Plant Growth (3)	SOI 388		
___ OR Soil Morphology and Classification (4)	SOIL 466		
SOCIAL AND ETHICAL CONSIDERATIONS (3 - 4 credits) CHOOSE 1		Fulfilled by:	Note #
___ Urban Forestry (3)	FES/HORT 350		
___ Economics and Policy of Wildland Fire (3)	FOR 431		
___ Critical Thinking for Natural Resource Challenges (3)	NR 312		
___ Environmental Ethics (3)	PHL 440*		
___ World Views & Environmental Values (3)	PHL/REL 443*		
___ Environmental Sociology (4)	SOC 480*		
___ Society & Natural Resources (4)	SOC 481*		
___ Sustainability, Justice and Engagement	SUS 331*		
ECOLOGICAL AND NATURAL RESOURCE ELECTIVES (CHOOSE TWO)		Fulfilled by:	Note #
___ Marine Ecology (3)	BI 351		
___ Environmental Physiology of Plants (3)	BOT 488		
___ Wildland Fire Ecology (3)	FES 440		
___ OR Wildland Fire Science and Management (4)	FOR 436		
___ Biodiversity Conservation in Managed Forests (3)	FES/FW 452		

___ Silviculture (4)	FOR 441		
___ Introduction to Population Dynamics (4)	FW 320		
___ Coastal Ecology and Management (hybrid) (5)	FW 426		
___ Avian Conservation and Management (3)	FW 451		
___ Fishery Biology (4)	FW 454^		
___ Limnology (5)	FW 456		
___ Mammal Conservation and Management (4)	FW 458		
___ Fish Ecology (4)	FW 473		
___ Wildlife Ecology (4)	FW 481		
___ Rangeland Ecology and Management (3)	RNG 341		
___ Wildland Restoration and Ecology (4)	RNG 421		
___ Soil Landscape Analysis (4)	SOIL 468		
___ Biodiversity: Causes, Consequences and Conservation (3)	Z 349*		
___ Environmental Physiology (3)	Z 423		
Note: Up to 6 credits of appropriate internships, projects or study abroad may be used to fulfill credit requirements in the "Social and Ethical Considerations" or "Ecological and NR Electives" as approved by petition.			

NOTE #			

A Specialization Option is required for the Natural Resources major. (Minimum of 37 credits with at least 20 of those being upper division credits.) Required Minimum GPA for the specialization is 2.25. This option is available on the Corvallis Campus and Ecampus.

Revised 7.2023 for Natural Resources curriculum version 3.0 effective summer 2018