Oregon State University
College of Forestry

NATURAL RESOURCES B.S. DEGREE
Specialization Option Checklist:
Forest Ecosystems

Date Prepared: By:

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

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

FOREST ECOSYSTEMS SPECIALIZATION OPTION REQUIREMENTS

MEASUREMENTS (4 - 5 credits) CHOOSE 1		**Fulfilled by:**	**Note #**
___ Field Methods in Ecological Restoration (4)	BI 375		
___ Field Methods in Plant Ecology (4)	BOT 440		
___ Forest Mensuration (5)	FOR 321		
ECOLOGICAL FOUNDATION (23 credits) REQUIRED		**Fulfilled by:**	**Note #**
___ Forest Ecology (3)	FES 341		
___ Forest Entomology (3)	FES 412		
___ Wildland Fire Ecology (3)	FES 440		
___ Biodiversity Conservation in Managed Forests (3)	FES/FW 452		
___ Forest Pathology (3)	FOR/BOT 413		
___ Wildland Fire Science and Management (4)	FOR 436		
___ Silviculture Principles (4)	FOR 441		
ECOLOGY BREADTH (Choose at least 6 - 8 credits)		**Fulfilled by:**	**Note #**
___ Plant Systematics (4)	BOT 321		
___ Plant Ecology (4)	BOT 341		
___ Flora of the Pacific Northwest (3)	BOT 425		
___ Forest Watershed Management (4)	FE 434		
___ Ecological Restoration (4)	FES/FW 445		
___ Agroforestry (3)	FES/NR 477*		
___ Principles of Fish and Wildlife Conservation (3)	FW 251		
___ Ornithology (3)	FW 311		
___ Ichthyology (3)	FW 315		
___ Mammalogy (3)	FW 317		
___ Introduction to Population Dynamics (4)	FW 320		
___ Applied Community and Ecosystems Ecology (3)	FW 321		
___ Avian Conservation and Management (3)	FW 451		
___ Freshwater Ecology (5)	FW 456		
___ Mammal Conservation and Management (4)	FW 458		
___ Fish Ecology	FW 473		
___ Wildlife Ecology (4)	FW 481		
___ Scientific Methods for Analyzing Natural Resource Problems (3)	NR 325		
___ Range Ecology I – Grasslands (3)	RNG 351		
___ Range Ecology II – Shrublands (3)	RNG 352		
___ Riparian Ecohydrology and Management (3)	RNG 455		
___ Ecosystems of Wildland Soils (3)	SOIL 366		
___ ***OR*** Soil Systems and Plant Growth (4)	SOIL 388		
___ ***OR*** Soil Morphology and Classification (4)	SOIL 466		
___ Biodiversity: Causes, Consequences and Conservation (3)	Z 349*		
___Herpetology (3)	Z 473		

TECHNICAL ELECTIVES (8 credits) CHOOSE TWO		**Fulfilled by:**	**Note #**
___ Forest Surveying (4)	FE 208		
___ Harvesting Operation (4)	FE 370		
___ Remote Sensing and Photogrammetry	FE 444		
___ Arboriculture 94)	FES 447		
___ Foundations of Geospatial Science and GIS (4)	GEOG 201		
___ GIScience I: Geographic Information Systems and Theory (4)	GEOG 360		
___ Introduction to Statistical Methods (4)	ST 351		
___ ***OR*** Statistical Methods (4)	ST 352		

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.

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.