Oregon State University
College of Forestry

NATURAL RESOURCES B.S. DEGREE

Specialization Option Checklist:

Natural Resource Education

Date Prepared_____ By_____

Student Name	Student ID#	Current Institution
Email Address		

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

NATURAL RESOURCE EDUCATION SPECIALIZATION OPTION REQUIREMENTS

MEASUREMENTS (4 credits) CHOOSE ONE		**Fulfilled by:**	**Note #**
___ Forest As Classroom (4)	FES 430		
NATURAL RESOURCES BASE (10 Credits) REQUIRED		**Fulfilled by:**	**Note #**
___Introduction to Forestry (3)			
___ ***OR*** Forest Types of the Pacific Northwest (3)	FES 342		
___ Principles of Fish & Wildlife Conservation (3)	FW 251		
___ Environmental Interpretation (4)	TRAL 493		
EDUCATION AND PROGRAM DEVELOPMENT (12 Credits) REQUIRED		**Fulfilled by:**	**Note #**
___ Purpose, Structure and Function of Education in a Democracy (3)	ED216*		
___***OR*** Civil Rights and Multicultural Issues in Education (3)	ED 219		
___ Learning Across the Lifespan (3)	ED 253		
___ Technology for Educators (3)	ED 496		
___ Inquiry in Science and Science Education (3)	SED 413		
ELECTIVES (minimum 14 credits)			
Students may choose a minimum of 11 credits from either category below. Students may choose to focus on teaching in informal education settings or formal classroom instruction/licensure in K-12 schools or a combination of both tracks. Corvallis campus students may be interested in the Education Double Degree program at OSU. Students in the double degree program should work with their education advisor as well as their NR advisor to plan an appropriate plan of study to meet their goals.			
Education Electives			
___ Purpose, Structure & Function of Education in a Democracy (3)	ED 216*		
___ ***OR*** Civil Rights and Multicultural Issues in Education (3)	ED 219		
___ Practicum (variable credit)	ED 309		
___ Educational Psychology, Learning and Development (3)	ED 411		
___ Learning Styles and Needs in Adolescence (2)	ED 412		
___ Technology Foundations for Teaching Math and Science (3)	SED 412		
___ Projects (Free choice learning for zoos, aquariums, parks, etc.) (variable credit)	SED 406		
___ Communicating Ocean Sciences to Informal Audiences (Hybrid) (3)	SED 435		
Natural Resource Electives			
___ Introduction to Marine Biology (3)	BI 150		
___ Human Impacts on Ecosystems	BI 301*		
___ Biology and Conservation of Marine Mammals (3)	BI/FW 302		
___ Oceans in Peril (3)	BI 347*		
___ Human Ecology (3)	BI 348		
___ Management for Multiple Resource Values (3)	FES 355		

___ Biodiversity Conservation in Managed Forests (3)	FES/FW 452		
___ Coastal Ecology and Resource Management (HMSC) (5)	FW 426		
___ Avian Conservation and Management (3)	FW 451		
___ Mammal Conservation and Management (4)	FW 458		
___ Marine Conservation Biology (3)	FW 464		
___ Earth Systems Science (4)	GEO 202		
___ Evolution of Planet Earth (4)	GEO 203		
___ National Park Geology and Preservation (3)	GEO 307*		
___ Rangeland Ecology and Management (3)	RNG 341		
___ Wildland Restoration and Ecology (4)	RNG 421		
___ Riparian Ecohydrology and Management (4)	RNG 455		
___ Recreation Resource Management (4)	TRAL 251		
___ Outdoor Recreation Management on Public Lands (3)	TRAL 351		
___ Parks and Protected Areas Management (3)	TRAL 357		
___ OR Wilderness Management (3)	TRAL 352		
___ Biodiversity: Causes, Consequences and Conservation (3)	Z 349		

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 40 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.