



Oregon State University
Cascades

Pre-Designed ISO: Conservation & Technology Option

An individualized specialty option must consist of a minimum of 40 credit hours of pre-approved courses. A minimum of 20 credits in the option must be upper division courses (300-400 level). Courses cannot be double counted with the NR Major requirements but can double count with the Baccalaureate Core.

Student Name	Student ID#	Advisor
Email Address	Campus	Date Submitted

TITLE OF SPECIALTY OPTION: Pre-Designed Conservation & Technology Option

INDIVIDUALIZED SPECIALTY OPTION PROGRAM OF STUDY

Option must consist of a minimum of 40 credits; 20 Credits in option must be upper division coursework (300-400) level Courses

MEASUREMENTS (Choose one)			
Course Number and Name (include institution if a transfer course)	Credits	Term/Grade	Skills and Knowledge Learned
FW 255: Field Sampling of Fish & Wildlife	3		
BI 375: Field Methods In Ecological Restoration (prereq. BI 211-213)	4		
FOR 235: Resource Measurements @ COCC	4		
LOWER DIVISION COURSES			
TECH COURSE Requirement – Student must take a minimum of 3 Tech courses	Credits	Term/Grade	Skills and Knowledge Learned
FOR 236: Aerial Photo @COCC	3		
FOR 230A: Map, Compass, and GPS @ COCC	3		
FOR 230B: Forest Surveying @ COCC	3		
FOR 235: Resource Measurements @ COCC	4		
Electives:			
FOR 111: Forestry Perspectives @ COCC	4		
FOR 240B: Wildlife Ecology @ COCC	3		
FW 251: Wildlife Conservation	3		
TOTAL LOWER DIVISION CREDITS			

UPPER DIVISION (Choose 20 credits of upper division coursework from the following courses)			
REQUIRED COURSES	Credits	Term/Grade	Skills and Knowledge Learned
FES 365: Issues in Natural Resources Conservation- REQUIRED	3		
FW 350: Endangered Species, Society and Sustainability-REQUIRED	3		
SUS 350: Sustainable Communities-REQUIRED	4		
ENSC 479: Environmental Case Studies- REQUIRED	3		
Electives			
FES 342: Forest Types of the Northwest	3		
FES 440: Wildland Fire Ecology	3		
FES 445: Ecological Restoration (prereq. FES 341 or BI 370 or Instructor Approval)	4		
FW 311: Ornithology	3		
FW 317: Mammalogy	3		
FW 320: Intro to Population Dynamics (prereq. BI 211-213 or Instructor Approval)	4		
FW 323: Mgmt of NW Pacific Salmon	3		
FW 481: Wildlife Ecology (prereq. BI 211-213 series or Instructor Approval)	4		
RNG 455: Riparian Ecohydrology and Mgmt (prereq. RNG 355)	4		
SOIL 366: Ecosystems of Wildland Soils (prereq. Soil 205/206)	3		
Z 349: Biodiversity: Causes, Consequences, and Conservation	3		
Z 477: Aquatic Entomology (prereq. BI 211-213)	4		
TOTAL UPPER DIVISION CREDITS			
With approval by the OSU-Cascades NR Department Lead other upper division coursework with a conservation and/or technology focus may be substituted to meet option requirements.			

STUDENT SIGNATURE	DATE
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NR PROGRAM DIRECTOR SIGNATURE	APPROVE	DENY	DATE
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