

OSU-Cascades Natural Resources Advising Guide

This guide is a template that has flexibility. A full plan for the NR degree should be made with your advisor. Courses shown for specific degree requirements are suggestions – other course options may exist as new courses become available.

- Notes:** (a) * = COCC; -U = U of Oregon, Cascades; *Italics* = OSU Ecampus course
 ^ = Writing Intensive Course; # = Synthesis course
 (b) Courses may be double-counted between Bacc Core and NR Core/Breadth/Specialty Option, but may **not** be double-counted among the latter three areas.
 (c) Minimum total cr hrs for graduation is 180; must include at least 60 cr hrs upper division.
 (d) 45 out of the last 75 credits must be OSU credits.

Bacc Core

- Students need to complete through MTH 111, College Algebra, for the MTH requirement because it is a prerequisite for several later courses.
- No more than two Perspectives courses may be taken from the same department.
- HHP 295 is the only COCC Health course that meets the Lifetime Fitness requirement.
- Use the Bacc Core Distribution List for choosing Bacc Core courses.
http://www.osucascades.edu/sites/default/files/BACC_CORE_Distribution_List_0.pdf
- Students who complete an AAOT have completed the Skills and Prospective requirements of the Bacc Core

SKILLS

- | | |
|---------------------------------------|---|
| _____ WR I (3) | _____ Western Culture (3) |
| _____ WR II (3) | _____ Cultural Diversity (3) |
| _____ WRIII/SP (3) | _____ Literature & Art (3) |
| _____ Health/Fitness ⁴ (3) | _____ Social Processes & Institutions (3) <i>met by completing 4a</i> |
| _____ Mathematics ¹ (4) | _____ Difference, Power, Discrimination (3) |

PERSPECTIVES³

- | | |
|-----------------------------------|---|
| _____ Phys Sci w/ lab (4) + | _____ SYNTHESIS |
| _____ Biol Sci w/ lab (4) + | _____ Synthesis: Contemp Global Issues ⁶ (3-4) |
| _____ Phys/Biol Sci (4) + | _____ Synthesis: Science, Tech & Society ⁶ (3-4) |
| [+ met w/ Biol & Earth Sci below] | _____ Writing Intensive Course ⁶ (3-4) |

NR Core

_____ Mathematics (4)	MTH 243*	<u>Prerequisites</u>
_____ Biology I (4)	BI 211 (recommended)* or BI 101*	MTH 111
_____ Biology II (4)	BI 212* or BI 102*	For BI 211/12/13: CH104 or 221
_____ Biology III (4)	BI 213* or BI 103*	
_____ Statistics (4)	MTH 244*	MTH 243
_____ Gen Ecology (4-3)	BI 370-U	One year biology
_____ Water Sci (4)	RNG 355 + NR 499	
_____ Earth Sci (4)	FOR 208	
_____ Atmos Sci (3-4)	GEOG 209	
_____ Res Policy (4)	PS 475	<i>PS 201 or instruct approval</i>
_____ Res Econ (3)	AREC 351	EC 201
_____ NR Dec Mak (3)	NR 455	Jr standing
_____ Seminar I (1)	NR 407	
_____ Seminar II (1)	NR 407	

Breadth (one in each category; see OSU catalog or OSU-Cascades advisor for prerequisites)

_____ Fish & Wildlife	FW 350
_____ Range	RNG 351
_____ Forestry	FOR 341+FOR 499
_____ Values/Philo	<i>FW 340 (counts DPD also)</i>
_____ Social/Political	CSS 335
_____ Land/Water	FW 479
_____ Amenity Uses	FOR 444

Specialty Option: Natural Resource Policy (the list of courses here are for guidance purposes, other courses may fit specific slots at the discretion of your advisor)

Prerequisites

Section 4a (3 of the following courses) [EC 201, PS 201/202 and SOC 201 or equivalents may be prerequisites for certain upper division courses.] Completes SPI in Bacc Core.

___	EC 201* (4)	Intro to Microeconomics	See COCC catalog	
___	PHL 201* or 202* (3)	Problems of Philosophy	"	
or	___	PSY 201* or 202* (4)	Mind & Brain or Mind & Society	"
or	___	SOC 201* (3)	Intro to Sociology	"
___	PS 201* or 202* (3)	American Government	"	

Section 4b

___	FOR 111* (4)	Introduction to Forestry	"
___	FW 251* (3)	Principles of Wildlife Conservation	"
___	COMM 321 (3)	Intro to Communications Theory	
___	NR 350 (4)	Sustainable Communities	

Section 4c: (28 credit hours from the following)

___	BI 371 (3)	Ecological Field Methods	BI 370
___	CSS 3XX (3)	Wildland Soils	FOR 208* or CSS 205
___	FOR 241A (3)	Field Dendrology	
___	FOR 365 (3)	Current Issues in Natural Res. Conservation	
___	FOR 445 (4)	Ecological Restoration	BI 370
___	FW 311 (3)	Biology of Birds	one year Bio
___	FW 317 (3)	Biology of Mammals	one year Bio
___	FW 320 (3)	Population Dynamics	BI 370
___	FW 481 (4)	Wildlife Ecology	BI 370
___	GEO 465 (3)	Geographic Information Systems and Science	

Specialty Option: Resource Conservation Specialty Option

Goal of this specialty option is to prepare students for careers in the broad arena of natural resource and environmental conservation, with an emphasis on the ecological aspects of resource issues. It is designed for students that have been working on a Forest Technology degree at COCC.

COCC Forest Resources Technology Courses (maximum of 25 cr hrs from the following)

___	FE 210A	Intro Forest Survey I	4
___	FOR 220B	Resource Measurements	4
___	FOR 240B	Wildlife Ecology	3
___	FW 251	Principles of Wildlife Cons.	3
___	FOR 241A	Field Dendrology	3
___	FOR 241B	Dendrology	3
___	FOR 260	Conserv of Nat'l Res	3
___	FOR 230A	Map, Compass, and GPS	3
___	FOR 209	Fire Ecology and Effects	3

OSU-Cascades Courses (25+ credit hours from the following) (the list of courses here are for guidance purposes, other courses may fit specific slots at the discretion of your advisor)

___	BI 371 (3)	Ecological Field Methods	BI 370
___	CSS 3XX (3)	Wildland Soils	FOR 208 or CSS 205
___	FOR 445 (4)	Ecological Restoration	BI 370
___	FW 311 (3)	Biology of Birds	one year Bio
___	FW 317 (3)	Biology of Mammals	one year Bio
___	FW 320 (3)	Population Dynamics	BI 370
___	FW 481 (4)	Wildlife Ecology	BI 370
___	GEO 465 (3)	Geographic Information Systems and Science	
___	FOR 365 (3)	Current Issues in Natural Resource Conservation	

