

Natural Resources Curriculum

DETAILED CURRICULUM GUIDE FOR THE B.S. IN NATURAL RESOURCES ~ OSU-Cascades Campus (updated 2011-12 Ac. Year)

OSU requires the following for a Bachelor degree:

- 180 college credits
- 60 of the 180 credits must be Upper Division
- 45 out of the last 75 credits in your degree must be from OSU

Natural Resources students complete classes in four areas: the **Baccalaureate Core** (OSU general education requirements), **Natural Resources Core**, **Natural Resources Breadth**, and a **Specialty Option**.

BACCALAUREATE CORE

Students who have completed an AAOT degree have completed Skills and Perspectives sections of the Bacc Core

Skills (15)

grade	term	course	
___	___	___	Writing I (3) (WR 121)
___	___	___	Writing II (3)
___	___	___	SPEECH (3) (Must take SP 111, SP 114, or SP 218)
___	X	___	Mathematics (3) (Satisfied by MTH 111 or 243)
___	___	___	Fitness (3)

Perspectives (24) *(No more than two Perspectives courses from same dept)*

grade	term	course	
___	X	___	Physical Science (including lab) (4) (Satisfied by Earth Science or Chem)
___	X	___	Biological Science (including lab) (4) (Satisfied by BI 101 or 211)
___	X	___	Physical/Biological Science (including lab) (4) (Satisfied by BI 102 or 212)
___	___	___	Western Culture (3)
___	___	___	Cultural Diversity (3)
___	___	___	Literature and the Arts (3)
___	X	___	Social Processes and Institutions (3) (satisfied by ECON 201)
___	X	___	Difference, Power, & Discrimination (satisfied by FW 340)

Synthesis (6) *(Synthesis courses may not be from same department)*

grade	term	course	
___	X	___	Contemporary Global Issues (3) (satisfied by NR 350)
___	X	___	Science, Technology, and Society (3) (satisfied by FW 350)

WIC

grade	term	course	
___	X	___	Writing Intensive Course (3) (satisfied by BI 371)

For a list of courses students can take to meet Bacc Core requirements go to <http://www.osucascades.edu/advising> or see your Academic Advisor

X = courses fulfilled with major requirements

NATURAL RESOURCES CORE (80 min)

grade	term	course/requirement
		<u>COCC Courses</u>
_____	_____	Mathematics = MTH 243 (4)
_____	_____	Stats = MTH 244 (4)
_____	_____	Biology = BI 211 (5)
_____	_____	Biology = BI 212 (5)
_____	_____	Biology = BI 213 (5)
_____	_____	Chemistry = CH 104 (4)
_____	_____	Earth Science = FOR 208, GEO 201 or 202(4)
_____	_____	Atmospheric Science = GEOG 209 (4)
_____	_____	Geog Info Systems = GEOG 265 (4)
_____	_____	Vegetation ID = FOR 241A (3)
_____	_____	Animal ID = FW 218 (3)
_____	_____	Society and NR = FOR 251 (3)

		<u>OSU-Cascades Courses</u>	
_____	_____	Ecology = BI 370(3)	[Pre-req BI 211-213]
_____	_____	Water Science = RNG 355(3)	
_____	_____	NR Policy = CSS 335 (3)	
_____	_____	NR Economics = AREC 351(3)	[Pre- req ECON 201]
_____	_____	NR Decision Making = NR 455 (3)	
_____	_____	Soil Science = CSS 366 (4)	
_____	_____	Environmental Assessment = FOR 445 (4)	
_____	_____	Measurements = BI 371 (3) WIC	[Pre-req BI 370]
_____	_____	Communication = COMM 321 (3)	
_____	_____	NR seminar NR 407 (2)	
_____	_____	Career Development (1)	

BREADTH REQUIREMENTS (22)

grade	term	course
_____	_____	Social Issues = FOR 371 (3)
_____	_____	Fisheries & Wildlife = FW 311 (3)
_____	_____	Forestry = FOR 341 (3)
_____	_____	Land and Water = CSS 395 (3)
_____	_____	Range = RNG 341(3)
_____	_____	Resource Values/Philosophy = FW 340 (3) [distance course]
_____	_____	Political = PS 475 (4)

Note- there are additional courses that can fulfill the above requirements online. Work with your academic advisor to ensure you take the correct courses if you choose to take online courses.

OPTION: NR Conservation and Technology (40 credits)

Note – no more than 20 credits from one department; no more than 20 lower-division credits can apply to the Option.

Conservation Courses: (3 courses from list)

- FOR 365 (3) Issues in NR Conservation
- FW 251# (3) Wildlife Conservation
- FW 350 (3) Endangered Species, Society, & Sustainability

Technology Courses: (3 courses from list)

- FOR 220A# (3) Aerial Photo
- FOR 220B# (4) Resource Measurements
- FOR 230A# (3) Map, Compass, & GPS
- FOR 230B# (3) Forest Surveying

Sustainability: (2 courses)

- NR 350 (4) Sustainable Communities
- NR 499 (3) ST: Sustainable Community Practicum

Ecology and Ecosystems: (15 credits from the list)

- FOR 353 (3) Field School
- FOR 444 (3) Ecological Aspects of Park Management
- FW 317 (3) Mammalogy
- FW 320 (3) Intro to Population Dynamics
- FW 479 (3) Wetlands and Riparian Eco
- FW 481 (4) Wildlife Ecology

Note – there are additional courses online that can be used in this section. See your academic advisor for information.

Date						
Hours (180 total)						
Hours (60 upper division)						