

Natural Resources Curriculum

DETAILED CURRICULUM GUIDE FOR THE B.S. IN NATURAL RESOURCES ~ Natural Resource Policy Option 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**. **Courses cannot be shared in the NR Core, Breadth, and 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 OR ANTH 103 (3-4)

		<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: Natural Resources Policy (40 credits)

*Note – Students cannot count courses in the Option that are fulfilling requirements in the Core or Breath. This is an option that OSU-Cascades students can complete but will need to do online E-Campus courses to complete. **The OSU-Cascades Natural Resources Department does not guarantee that all courses will be offered at OSU-Cascades.***

Social Sciences Foundation: (2 courses from list)

- PHL 201 (4) Intro to Philosophy
- PS 201 (4) Intro to US Govt. and Politics
- PSY 201 or 202 (4) General Psychology
- SOC 201 (4) Intro to Sociology

Social Sciences and Natural Resources: (3 courses from list, not more than 2 from 1 department)

Courses offered at OSU-Cascades

- FOR 111 (3) Intro to Forestry
- FW 251 (3) Wildlife Conservation
- COMM 321 (3) Intro to Comm. Theory
- FW 340 (3) Multicultural Perspectives in NR (DPD)
- NR 350 (4) Sustainable Communities (CGI)

There are additional courses that can apply to this section that are offered through E-Campus; see your My Degree audit for the entire list.

NR Policy and Management: (25 credits from the list below)

- FOR 365 (3) Issues in NR Conservation (CGI)
- FOR 445 (3) Ecological Restoration
- FW 311 (3) Ornithology
- FW 317 (3) Mammalogy
- FW 320 (3) Intro to Population Dynamics
- FW 326 (3) Integrated Watershed Management
- FW 350 (3) Endangered Species, Society, and Sustainability
- FW 479 (3) Wetlands and Riparian Eco
- PS 475 (4) Environmental Politics and Policy

There are additional courses online that can be used in this section. See your My Degree audit form more selection.

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