

OSU AGRICULTURE PROGRAM at EOU
NATURAL RESOURCES - ARID LAND ECOLOGY OPTION
CHECK SHEET 2008-09

Name: _____ EOU ID#: _____

Minor: _____ OSU ID #: _____

*Credits Used to satisfy Baccalaureate Core

Some courses are offered ONLY on alternate years

SKILLS

		Credits	Term	Grade
Expository Prose Writing	WR 121*	(4)	_____	_____ C- or above
Science Writing	WR 217*	(3)	_____	_____
or Report Writing	BA 225	(4)	_____	_____
Interpersonal Communications	SPCH 111*	(3)	_____	_____
or Fund of Public Speaking	SPCH 112*	(3)	_____	_____
College Algebra	MATH 111*	(4)	_____	_____ C- or above
Health/Fitness for Life	HWS 298*	(3)	_____	_____

PERSPECTIVES (Only 2 courses allowed in same dept.)

Biological Science: See N.R. Core section

Physical Science: CHEM 101 (4) _____

CHEM 102 (4) _____

Western Culture: _____ () _____

Cultural Diversity: _____ () _____

Literature & the Arts: _____ () _____

Social Processes: ECON 201 (4) _____

Diff., Power & Discrim.: _____ () _____

Writing Intensive Course: See Bacc Core list

or Wildlife in Agricultural Ecosystems FW 435 (3) _____ OSU Distance

SYNTHESIS (6) (Must be in different departments)

Contemporary Global Issues:

Natural Resource Economic and Policy AREC 351* (3) _____

or World Food Crops CSS 330* (3) _____

Science, Tech & Society

World Soils Resources CSS 395* (3) _____

or Cont. Soc. Iss. Animal Ag. **or** ANS 315* (3) _____

NATURAL RESOURCES CORE (46) A grade of C- or better is required in all upper division courses.

Biology: BIOL 101 (3), BIOL 102 (3), BIOL 103/104 (4) (10) _____

or BIOL 211, 212, 213 (5 each) (15) _____

General Ecology BIOL 357 (4) _____

Earth Science: Physical Geology GEOL 201 (5) _____

Atmospheric Science: Physical Geography GEOG 106 (5) _____

or Climatology	GEO 323	(4)	_____	_____	OSU Distance
Desert Watershed Management	RNG 355	(3)	_____	_____	
Pre-calculus	MATH 112	(4)	_____	_____	
or Survey of Calculus	MATH 241	(4)	_____	_____	
Elementary Statistics	STAT 243	(4)	_____	_____	
Natural Resources Econ. and Policy	AREC 351*	(3)	_____	_____	
or Environmental Economics and Policy	AREC 352	(3)	_____	_____	OSU Distance
Rangeland Mngt. Planning	RNG 490	(4)	_____	_____	
NR Decision Making	NR 455	(3)	_____	_____	OSU Distance
Natural Resources Seminars:					
Orientation to Careers in Rangeland Ecol. & Mgt	RNG 101	(1)	_____	_____	
Senior Seminar	CSS 407	(1)	_____	_____	
		~ (47)	_____	_____	

NATURAL RESOURCES BREADTH (27) A grade of C- or better is required in all upper division

CHOOSE ONE COURSE FROM EACH GROUP

Amenity Uses of Natural Resources

Wilderness Management	FOR 352	(3)	_____	_____	OSU Distance
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Fisheries and Wildlife

Management Prin. of Pacific Salmon	FW 323	(3)	_____	_____	OSU Distance
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Wildlife in Agricultural Ecosystems (WIC)	FW 435	(3)	_____	_____	OSU Distance
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Wildlife Ecology	FW 481	(3)	_____	_____	OSU Distance
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Forestry

Forest Ecology	FOR 341	(3)	_____	_____	OSU Distance
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Issues in Natural Resource Conservation	FOR 365	(4)	_____	_____	OSU Distance
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Land and Water

World Soil Resources	CSS 395*	(3)	_____	_____	
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Principles of Soil Science	CSS 305	(4)	_____	_____	
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Riparian Ecology and Management	RNG 455	(3)	_____	_____	OSU Distance
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Environmental Conservation and Sustainability	GEO 300	(3)	_____	_____	OSU Distance
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Minerals, Energy, Water and The Environment	GEO 306	(3)	_____	_____	OSU Distance
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Wetland and Riparian Ecology	FW 479	(3)	_____	_____	OSU Distance
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Range

Rangeland Ecology I: Grasslands	RNG 351	(3)	_____	_____	
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Rangeland Ecology I: Shrublands	RNG 352	(3)	_____	_____	
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Wildland Restoration and Ecology	RNG 421	(4)	_____	_____	
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Rangeland Analysis	RNG 441	(4)	_____	_____	
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Rangeland-Animal Relations	RNG 442	(4)	_____	_____	
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Rangeland Management Planning	RNG 490	(4)	_____	_____	
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Resource Values/Philosophy

Environmental History of U.S.	HST 481	(3)	_____	_____	OSU Distance
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Multicultural Perspectives in Natural Resources	FW 340	(3)	_____	_____	OSU Distance
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World Views and Environmental Values	PHL 443	(3)	_____	_____	OSU Distance
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Social and Political

Land Use and the Environment	GEOG 317	(3)	_____	_____	
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Environmental Law	AREC 432	(4)	_____	_____	OSU Distance
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Environmental Politics and Policy	PS 475	(4)	_____	_____	OSU Distance
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Environmental Sociology	SOC 480	(3)	_____	_____	OSU Distance
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Society and Natural Resources	SOC 481	(3)	_____	_____	OSU Distance
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TOTAL BREADTH CREDITS _____

SPECIALTY OPTION (50 CREDITS)

A grade of C- or better is required of all upper division courses. Baccalaureate Core courses may double as Natural Resource Core **or** Specialty Option courses when applicable. However Natural Resources Core and Specialty Option courses my **NOT** be doubled up.

ARID LAND ECOLOGY

Courses in Rangeland Resources (24 credits):

Rangeland Ecology I: Grasslands	RNG 351	(3)	_____	_____
Rangeland Ecology I: Shrublands	RNG 352	(3)	_____	_____
Wildland Plant Identification	RNG 253	(4)	_____	_____
Wildland Restoration and Ecology	RNG 421	(4)	_____	_____
Rangeland Analysis	RNG 441	(4)	_____	_____
Rangeland-Animal Relations	RNG 442	(4)	_____	_____
Wildland Fire Ecology	RNG 446	(3)	_____	_____ OSU Distance
	TOTAL Credits	(25)	_____	_____

Courses in Animals, plants, soils, and ecology (26 credits):

Animal Nutrition	ANS 311	(3)	_____	_____
Plant Systematics	BIOL 334	(5)	_____	_____
Agrostology	BIOL 421	(4)	_____	_____
Plant Physiology	BIOL 433	(5)	_____	_____
Soil Science	CSS 305	(4)	_____	_____
Problem Solving: Soil Sci. Application	CSS 306	(1)	_____	_____
Soil Morphology and Classification	CSS 466	(4)	_____	_____
	TOTAL Credits	(26)	_____	_____

Updated: July 25, 2008