

OSU AGRICULTURE AND NATURAL RESOURCE PROGRAM AT EOU
RANGELAND SCIENCES
2015-16 CHECK SHEET

Name: _____ EOU ID: _____ EOU Admit Term: _____
 Minor(s): _____ OSU ID: _____ OSU Admit Term: _____

Future or Career Interests: _____

Minimum Credit Hours and Grade Point Average Requirements	
Total Hours	180
College of Agriculture Hours	36
Upper-Division Within Total 60	
Residency Requirement: minimum of 45 of last 75 credits must be OSU credits	
Grade Point Averages: 2.75 (EOU) / 3.0 (OSU) for Incoming Freshmen	
2.25 for Transfer Students with minimum of 36 quarter / 24 semester transferrable credits	

	OSU	Articulation	Credits	Term	Grade	Prerequisites / Remarks
BACCALAUREATE CORE						

FOREIGN LANGUAGE

Students must have either 2 years of High School foreign language, 2 terms of a college-level language, or satisfactory performance on an approved assessment of second language knowledge and/or proficiency.

Completed in H.S.

Yes / No

F.L. 1 _____
 F.L. 2 _____

SKILLS COURSES (15 cr)

Mathematics (3) Taken within first 45 cr

Math 105, 111, 112, 211, 241, 251 _____ C- or above

Writing I (3) Taken within first 45 cr

WR121 _____ C- or above

Writing II (3) Taken within first 90 cr

See Bacc Core List _____ WR 123 or BA 225 (recommended)

Speech (3) Taken within first 45 cr

COMM 111 (*Inter.Prsnl*)
 OR 112 (*Public Speak.*) _____

Fitness (3) HWS 298 HHS 231/241 3 _____

PERSPECTIVE COURSES (24 cr) Only 2 courses allowed in same department

Biological Science (4 or 8) See General Sciences and Communications Section Below

Physical Science (4 or 8) See General Sciences and Communications Section Below

Western Culture (3) _____

Cultural Diversity (3) _____

Literature & the Arts (3) _____

Social Process. & Instit. (3) _____ ECON 201 (recommended)

Diff, Power & Discrim. (3) AG 301 AG 301 3 _____

SYNTHESIS COURSES (6 cr) Must be in different departments

Contemporary Global Issues (3)

World Food Crops	CROP 330	CROP 330	3	_____	_____	_____
<i>OR</i> Global Crises in Res Ecol	FW 325	FW 325	3	_____	_____	_____

Science, Tech & Society (3)

World Soil Resources	SOIL 395	SOIL 395	3	_____	_____	_____
<i>OR</i> Cont Soc Iss Animal Ag	ANS 315	ANS 315	3	_____	_____	_____

WRITING INTENSIVE COURSE (WIC) (3 cr)

Nutrient Mgmt & Cycling	CSS 315	CSS 315	4	_____	_____	CHEM 101/102/CSS 305
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RANGELAND SCIENCES CORE

**Credits Used to Satisfy Bacc Core; Some courses are offered ONLY on alternate years*

First-Year Experience	UNI 101 / CORE 101		3	_____	_____	_____
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†Strongly recommended for new freshmen.

GENERAL SCIENCES AND COMMUNICATIONS

Biological Sciences*

Intro to Biology	BIOL 101	BI LDT	3	_____	_____	MATH 070
Plant Biology II	BOT 202*	BOT LDT*	5	_____	_____	BIOL 101 or 211
General Ecology	BIOL 357	BI 370	4	_____	_____	Majors level BIO
Plant Taxonomy	BIOL 334	BOT UDT	5	_____	_____	BIOL 101/BOT 202
Agrostology	BIOL 421	BOT 414	4	_____	_____	BIOL 334
Plant Physiology	BIOL 433	BOT 331	5	_____	_____	BIOL 101/BOT 202

Physical Sciences*

Intro to CHEM	CHEM 101*	CH LDT*	4	_____	_____	MATH 095
Intro to CHEM	CHEM 102*	CH LDT*	4	_____	_____	CHEM 101
Intro to CHEM	CHEM 103*	CH LDT*	4	_____	_____	CHEM 102

Mathematics*

Pre-Calculus	MATH 112	MTH LDT	4	_____	_____	MATH 111
<i>OR</i> Survey Calculus	MATH 241	MTH 241	4	_____	_____	MATH 111

Statistics*

Elementary Statistics	STAT 243	ST LDT	4	_____	_____	MATH 095
<i>OR</i> Stat & Exp. Design	STAT 327	ST 351	5	_____	_____	_____

Agricultural Sciences

Animal Nutrition	ANS 311	ANS 311	3	_____	_____	BIOL 101/BOT 202
<i>OR</i> Applied Animal Nutr.	ANS 313	ANS 313	4	_____	_____	_____
Beef Prod Systems: Cow/Calf	ANS 443	ANS UDT	3	_____	_____	ANS 311/Jr
Principles of Soil Science	CSS 305	SOIL 205	4	_____	_____	CHEM 101/102
Prob. Solving: Soil Sci Appl	CSS 306	SOIL 206	1	_____	_____	Take w/CSS 305
Soil Morphology & Class	SOIL 466	SOIL 466	4	_____	_____	CSS 305

Technical Writing*

Business Communications	BA 225*	WR 215	4	_____	_____	WR 121 or WR 131
OR Research Writing	WR 123*	WR LDT	4	_____	_____	WR 121

Microeconomics*

Microeconomics	ECON 201*	ECON 201	5	_____	_____	MATH 095
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 NATURAL RESOURCES (10 credits minimum)

Forage Production	CROP 310	CROP 310	4	_____	_____	CROP 300/CSS 305
Intro to Forestry	FOR 111	FOR 111	3	_____	_____	
Weed Management	CROP 440	CROP 440	4	_____	_____	1 YR BIOL & CHEM
Prin of F&W Conserv.	FW 251	FW 251	3	_____	_____	

 RANGELAND SCIENCES

Rangeland Ecology & Mgt	RNG 341	RNG 341	3	_____	_____	
Range Ecol: Grassland	RNG 351	RNG 351	3	_____	_____	RNG 341
Range Ecol II: Shrubland	RNG 352	RNG 352	3	_____	_____	RNG 341
Wildland Plant Identification	RNG 353	RNG 353	4	_____	_____	
Desert Watershed Mgt	RNG 355	RNG 355	3	_____	_____	Jr Standing
Wildland Restoration Ecology	RNG 421	RNG 421	4	_____	_____	RNG 341/Jr
Rangeland Analysis	RNG 441	RNG 441	4	_____	_____	RNG 341/Jr
Rangeland Animal Relations	RNG 442	RNG 442	4	_____	_____	RNG 341/Jr
Rangeland Mgt Planning	RNG 490	RNG 490	4	_____	_____	RNG 341/Jr

Electives (27-33 credits) Must include a minimum of 15 upper division credits.* *No double counting with Rangeland Sciences core courses.*

Intro to Animal Science	ANS 121	ANS 121	4	_____	_____	
Cont Soc Iss Animal Ag	ANS 315	ANS 315	3	_____	_____	> Fr
Human Ecology	ANTH 325	ANTH UDT	3	_____	_____	
Financial Accounting	BA 211	BA 211	4	_____	_____	MATH 070
Prin of Management	BA 321	BA UDT	4	_____	_____	> Fr
Riparian Biology	BIOL 313	BI UDT	2	_____	_____	BIOL 211-13
Ornithology	BIOL 320	BI UDT	2	_____	_____	BIOL 211-13, 334 or 1 YR BIOL/BOT
Evolution	BIOL 490	BI 445	3	_____	_____	BIOL 357-58, 341-342
Forest Ecology	BOIL 415	BI UDT	2	_____	_____	BIOL 211-13, BIOL 357-8
World Food Crops	CROP 330	CROP 330	3	_____	_____	
Weed Management	CROP 440	CROP 440	4	_____	_____	1 YR BIOL & CHEM
Nutr. Mgmt & Cycling	CSS 315	CSS 315	4	_____	_____	CSS 305
Intro to Forestry	FOR 111	FOR 111	3	_____	_____	
Prin of F&W Cons.	FW 251	FW 251	3	_____	_____	
Global Crises in Res Ecol.	FW 325	FW 325	3	_____	_____	
Intro to GIS	GEOG 210		4	_____	_____	
Environ. History	HIST 345	ENSC UDT	5	_____	_____	WR 121 recommended
Plant Genetics	PBG 430	PBG 430	3	_____	_____	1 YR BIOL/BOT
Physics	PHYS 201	PH 201	4	_____	_____	MATH 111/112

