

**OSU AGRICULTURE AND NATURAL RESOURCE PROGRAM AT EOU**  
**CROP AND SOIL SCIENCES**  
**2015-16 CHECK SHEET**

Name: \_\_\_\_\_ EOU ID: \_\_\_\_\_ EOU Admit Term: \_\_\_\_\_  
 Minor(s): \_\_\_\_\_ OSU ID: \_\_\_\_\_ OSU Admit Term: \_\_\_\_\_

*Future or Career Interests:* \_\_\_\_\_

<b>Minimum Credit Hours and Grade Point Average Requirements</b>	
Total Hours	<b>180</b>
Major Hours	<b>36</b>
Upper-Division Within Total <b>60</b>	
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					
BACCALAUREATE CORE	Articulation	Credits	Term	Grade	Prerequisites / Remarks	

**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)**

<b>Mathematics (3)</b> <i>Taken within first 45 cr</i>						
Math 105, 111, 112, 211, 241, 251	_____	_____	_____	_____	_____	C- or above
<b>Writing I (3)</b> <i>Taken within first 45 cr</i>						
WR121	_____	_____	_____	_____	_____	C- or above
<b>Writing II (3)</b> <i>Taken within first 90 cr</i>						
See Bacc Core List	_____	_____	_____	_____	_____	_____
<b>Speech (3)</b> <i>Taken within first 45 cr</i>						
COMM 111 ( <i>Inter.Prsnl</i> ) OR 112 ( <i>Public Speak.</i> )	_____	_____	_____	_____	_____	_____
<b>Fitness (3)</b>	HWS 298	HHS 231/241	3	_____	_____	_____

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

<b>Biological Science (4 or 8)</b>	<i>See Basic Science and Mathematics Core</i>					
<b>Physical Science (4 or 8)</b>	<i>See Basic Science and Mathematics Core</i>					
<b>Western Culture (3)</b>	_____	_____	_____	_____	_____	_____
<b>Cultural Diversity (3)</b>	_____	_____	_____	_____	_____	_____
<b>Literature &amp; the Arts (3)</b>	_____	_____	_____	_____	_____	_____
<b>Social Process. &amp; Instit. (3)</b>	_____	_____	_____	_____	_____	ECON 201 (recommended)
<b>Diff, Power &amp; Discrim. (3)</b>	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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**AGRONOMY OPTION**

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

**GRADE REQUIREMENT: All CROP, CSS, ENT, HORT, PBG, and SOIL courses must receive a C or better.**

<b>Orientation</b>	AG 199		1	_____	_____	_____
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<sup>†</sup>Strongly recommended for new freshmen. **BASIC SCIENCE AND MATHEMATICS****Biological Sciences\***

Intro to Biology	BIOL 101*	BI LDT	3	_____	_____	MATH 070
Intro to Biology	BIOL 102*	BI LDT	3	_____	_____	BIOL 101
Intro to Biology	BIOL 103*	BI LDT	3	_____	_____	BIOL 102
Plant Physiology	BIOL 433	BOT 331	5	_____	_____	BIOL 101/BOT 202
Plant Biol II	BOT 202*	BOT LDT	5	_____	_____	BIOL 101 or 211

**Physical Sciences\***

Intro to CHEM	CHEM 101*	CH LDT*	4	_____	_____	MATH 095
Intro to CHEM (Organic)	CHEM 102*	CH LDT*	4	_____	_____	CHEM 101
Intro to CHEM (Biochem)	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

 **AGRICULTURAL SCIENCES CORE**

Intro to Plant Pathology	BOT 350	BOT 350	4	_____	_____	BIOL 101
Intro to Insect Pest Mgt	ENT 311	ENT 311	5	_____	_____	1 Year Biology
Weed Management	CROP 440	CROP 440	4	_____	_____	BIOL 101
Soil Science	CSS 305	SOIL 205	4	_____	_____	CHEM 101/102
Problem Solving: Soil Sci Appl	CSS 306	SOIL 206	1	_____	_____	take w/CSS 305

 **EXPERIENTIAL LEARNING ( Choose minimum of 3 credits from the following)**

Research Reading & Conference (Career Plan/Job Search)	CROP 401/SOIL 401		1-3	_____	_____	_____
Internship	CROP 405/SOIL 405		1	_____	_____	_____
Crop and Soil Seminar	CROP 410/SOIL 410		1-6	_____	_____	_____
	CROP 407	CROP 407	1	_____	_____	CSS Major/Minor/Sr

**ECOLOGY** (Choose minimum of 3 credits from the following)

General Ecology	BIOL 357	BI 370	4	_____	_____	Majors level BIO
Rangeland Ecology & Mgt	RNG 341	RNG 341	3	_____	_____	_____

**TECHNOLOGY**

Cartography I	GEOG 201	GEO LDT	3	_____	_____	_____
<i>OR</i> Intro to GIS	GEO 365	GEO 365	4	_____	_____	_____

**CAPSTONE**

Case Studies in Cropping Systems Management	CROP 480	CROP 480	4	_____	_____	_____
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**AGRONOMY CORE** (Note: CSS 200 waived at EOU)

Intro to Crop Production	CROP 300	CROP 300	4	_____	_____	_____
Forage Production	CROP 310	CROP 310	4	_____	_____	CROP 300/SOIL 305
Nutrient Mgmt and Cycling	CSS 315*	CSS 315	4	_____	_____	CHEM 101/102/SOIL 305
World Food Crops	CROP 330	CROP 330	3	_____	_____	_____
Seed Production	CROP 460	CROP 460	3	_____	_____	CROP 300
Plant Genetics	PBG 430	PBG 430	3	_____	_____	CHEM 103/BIOL 103
Elementary Statistics	STAT 243	ST LDT	4	_____	_____	MATH 095

**AGRONOMY ELECTIVES** (Choose minimum of 12 credits from the following)

Irrigation Principles & Prac.	BEE 439	BEE 439	4	_____	_____	MTH 111
Princ of Oil & Fiber Crops	CSS 320	CSS 320	1	_____	_____	CROP 300/CSS 305
Princ of Cereal Crop Prod	CSS 321	CSS 321	1	_____	_____	CROP 300/CSS 305
Princ of Potato Production	CSS 322	CSS 322	1	_____	_____	CROP 300/CSS 305
World Soil Resources	SOIL 395*	SOIL 395	3	_____	_____	CHEM 101
Rangeland Ecology & Mgt	RNG 341	RNG 341	3	_____	_____	_____
Soil Morphology & Class	SOIL 466	SOIL 466	4	_____	_____	CSS 305
Case Studies in Cropping Systems Mgt	CROP 480	CROP 480	4	_____	_____	_____

**BUSINESS AND ECONOMICS**

Management in Agriculture	AREC 211	E-campus	4	_____	_____	ECON 201
<i>OR</i> Prin of Mgmt	BA 321	BA UDT	5	_____	_____	_____
Marketing in Agriculture	AREC 221	E-campus	3	_____	_____	ECON 201
<i>OR</i> Prin of Marketing	BA 312	BA UDT	4	_____	_____	_____
Microeconomics	ECON 201*	ECON 201*	5	_____	_____	MATH 095

**ELECTIVES IN BUSINESS** (Choose minimum of 4 credits from the following)

Business Law	BA 254	BA 233	4	_____	_____	_____
Sociology of Families	SOC 338		5	_____	_____	_____