

OSU AGRICULTURE PROGRAM at EOU
CROP & SOIL SCIENCE - CROP MANAGEMENT OPTION
CHECKSHEET 2011-12

Name: _____ EOU ID#: _____ EOU Admit Term: _____
Minor: _____ OSU ID #: _____ OSU ATP: _____

(180 Total credits required, 60 Upper Division, 36 CAS)

BACCALAUREATE CORE

SKILLS	OSU		Credits	Term	Grade	Pre-req
	articulation					
To support students' success in all courses, the following first-year Skills courses are to be taken and completed satisfactorily within the first 45 hours						
Expository Prose Writing	WR 121	WR 121*	4	_____	_____	C- or above
College Algebra	MATH 111	MTH 111*	4	_____	_____	C- or above
Speech: Interpersonal Communications	COM 111	COMM 218*				
<u>or</u> Public Speaking	COM 112	COMM 111*	3	_____	_____	
To prepare for the upper-division Writing Intensive Course in the major, the following Skills course is to be taken and completed satisfactorily within the first 90 hours						
Writing II: See Bacc Core List	_____	_____	_____	_____	_____	
Health/Fitness for Life	HWS 298	HHS 231*/HHS 241*	3	_____	_____	

PERSPECTIVES (Only 2 courses allowed in same dept.)

Biological Science:	See Basic Science and Mathematics section below					
Physical Science:	See Basic Science and Mathematics section below					
Western Culture:	_____	_____	_____	_____	_____	
Cultural Diversity:	_____	_____	_____	_____	_____	
Literature & the Arts:	_____	_____	_____	_____	_____	
Social Processes: Microeconomics	ECON 201	See Business and Economics section below				
Diff., Power & Discrim.:	_____	_____	_____	_____	_____	
Writing Intensive Course:	CSS 315	See CSS Departmental Core section below				

SYNTHESIS (6) (Must be in different departments)

Contemporary Global Issues:						
Natural Resource Economic and Policy	AREC 351		3	_____	_____	ECON 201
Science, Tech & Society						
World Soils Resources	CSS 395		3	_____	_____	CHEM 101

Major Crop & Soil Science, Crop Management Option

*Credits Used to satisfy Baccalaureate Core Some courses are offered ONLY on alternate years

Basic Science and Mathematics

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 Biol II	BOT 202*	BOT LDT*	5	_____	_____	BIOL 101 or 211
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
Survey Calculus	MATH 241	MTH 241*	4	_____	_____	MATH 111
Elementary Statistics	STAT 243	ST LDT	4	_____	_____	MATH 095

Crop and Soil Science Departmental Core

Orientation/Career Planning	AG 199		1	_____	_____	
Principles of Soil Science	CSS 305		4	_____	_____	CHEM 101/102
Problem Solving: Soil Sci Appl	CSS 306		1	_____	_____	take w/CSS 305
^Nutrient Management & Cycling	CSS 315*		4	_____	_____	CHEM 101/102/CSS 305
Crop & Soil Seminar	CSS 407		1	_____	_____	CSS Major/minor/Sr

Note: CSS 200 waived at EOU

Crops Core

Intro to Crop Production	CSS 300		4	_____	_____	
Soil Fertility Management	CSS 415		3	_____	_____	CSS 305 & CSS 315
Plant Genetics	CSS 430		3	_____	_____	CHEM 103/BIOL 103
Case Studies In Cropping Systems Mgmt	CSS 480		4	_____	_____	

Plant Protection

Intro to Plant Pathology	BOT 350		4	_____	_____	BIOL 101
Intro to Insect Pest Management	ENT 311		5	_____	_____	1 Yr biology
Weed Management	CSS 440		4	_____	_____	BIOL 101

Independent Studies

Choose a minimum 3 credit from the following:

Research	CSS 401		(1-3)	_____	_____	
Reading and Conference(Career Plan/Job Search)	CSS 405		1	_____	_____	
Internship	CSS 410		(1-6)	_____	_____	

Crop Management Electives

Choose at least 12 credits from the following:

Forage Production	CSS 310		4	_____	_____	CSS 300/305
Principles of Cereal Crop Production	CSS 321		1	_____	_____	CSS 300/305
Principles of Potato Production	CSS 322		1	_____	_____	CSS 300/305
Ag and Environmental Predicaments	CSS 325		3	_____	_____	CSS 305
World Food Crops	CSS 330*		3	_____	_____	
Seed Biology	CSS 363		3	_____	_____	
World Soil Resources	CSS 395		3	_____	_____	CHEM 101
Plant Breeding	CSS 450		4	_____	_____	CSS 430
Seed Production	CSS 460		3	_____	_____	CSS 200 or 300
Soil Morphology and Classification	CSS 466		4	_____	_____	CSS 305

Technology

Cartography I	GEOG 201	GEO LDT	3	_____	_____	
or Intro to GIS	GEOG 316	GEO UDT	5	_____	_____	

Business and Economics

Management in Agriculture	AREC 211		4	_____	_____	ECON 201
Marketing in Agriculture	AREC 221		3	_____	_____	ECON 201
Microeconomics	ECON 201*	ECON 201*	5	_____	_____	MATH 095
or Introduction of Env. Econ. and Policy	AREC 250		3	_____	_____	OSU Distance

Electives in Business

Choose at least 8 credits from the following:

Microeconomics	ECON 201*	ECON 201*	5	_____	_____	MATH 095
Business Law	BA 254	BA 233	4	_____	_____	
Principles of Management	BA 321		5	_____	_____	
Sociology of Families	SOC 338		5	_____	_____	

Electives in Ecology

Choose at least one of the following for 3 credits:

General Ecology	BIOL 357	BI 370	4	_____	_____	Majors level bio
Rangeland Ecology & Management	RNG 341		3	_____	_____	

revised: July 2011