

Department of Agriculture Prerequisites and Semester Rotation
Effective Fall 2009

COURSE	COURSE TITLE	PREREQUISITE	SEMESTER*
AG201	World Food and Society	none	F, S, Su
AG245	Agricultural Economics	none	S
AG250	Agribusiness Management	none	S
AG334	Agricultural Finance	AC 221	S
AG355	Agriculture Seminar	Junior Standing	F, S
AG371	Topics in Agriculture (1-3 hours)	Consent of Instructor	F, S, Su
AG433	Agricultural and Food Policy	AG 245 or EC 215	S
AG 440	Precision Agriculture	AO 120 or consent of instructor	F-even
AG447	Marketing Agricultural Products	AG 245 or EC 215	F
AG461	Independent Study in Agriculture (1-3 hours)	75 hours, 2.5 cum or 2.75 in major, 10 hours in discipline completed; consent of department chairperson or consent of instructor. Note: May be repeated for max of 6 hrs.	F, S, Su
AG465	Agriculture Internship (3-6 hours)	Consent of internship advisor. Note: May be repeated for max of 12 hours	F, S, Su
AG469	Undergraduate Research	Consent of internship advisor. Note: May be repeated for max of 6 hours	F, S, Su
AG470	Agribusiness Sales		S
AG551	Ag. and Hort. Water Management	AO 427 or AO 480 or HO 342 or HO 430	F-even
AO120	Plant Science		F
AO125	Plant Science Lab		F
AO215/015	Soils	CH 181/001/081 or CH 185/005/085	S
AO260/060	Integrated Pest Management	AO 120 or BO 200	F-even
AO321	Cotton and Rice Culture	AO 120 or BI153 (prereq formerly BO200)	F-even
AO322	Weed Science	AO 120; CH 181/001/081 or CH 185/005/085	F-odd
AO323	Plant Pathology	AO 120 or BI153 (prereq formerly BO200)	F
AO327	Sustainable Agriculture	AO120	F-odd
AO401	Ag and Natural Resource Management	AO120 or BI153, BI151 or BS105	S
AO420	Crop Physiology	AO 120; AO 215/015	S-even
AO427	Soil Fertility and Plant Nutrition	AO 215/015; CH 181/001/081 or CH 185/005/085	F-odd
AO444	Principles of Plant Breeding	AO120	S
AO480	Crop Production	AO260, AO323, AO420	S-odd
AO555	Soil Classification and Resource Mgmt	CH 181/001/081 or CH 185/005/085	F-even
AY101	Animal Science		F
AY105	Animal Science Lab		F
AY200	Companion Animals	none	F, S
AY205	Horse Science	none	F
AY304	Principles of Animal Nutrition	AY101	S-even
AY305	Advanced Horse Science	none	F
AY311	Animal Breeding	AY 101	S-odd
AY405	Beef Production	AY 304	F-odd
HO110	Introduction to Horticulture	none	F
HO130	Plant Identification and Culture I	HO 110 or AO 120 (or concurrent enrollment)	F
HO230	Plant Identification and Culture II	HO 130	S
HO231	Plant Propagation	HO 110 or AO 120 (or concurrent enrollment)	S-even
HO310	Alternative Agriculture	AO 120 or AY 101 or HO 110	S-even
HO330	Landscape Design	HO 130, HO 230	S-odd
HO342	Production of Horticultural Crops	HO 110 or AO 120; HO130	S-even
HO350	Greenhouse Management	HO 110 or AO 120; HO130	S-odd
HO355	Interior Landscaping	HO 110 or AO 120 or HI 220	F-odd
HO430	Turfgrass Management	HO 110 or AO 120 or BO 200; HO 130 (or concurrent enrollment)	S-odd
HO431	Landscape Installation and Maintenance	HO 330	F-odd
HO464	Advance Horticulture	consent of instructor	F-odd or SU
HO530	Home Horticulture	none	S-odd or SU
IU301	Historical Perspective of American Ag	Economic Systems; Living Systems; Political Systems	F-even
UI344	Plants and Humanity	Artistic Expression; Behavioral Systems; Living Systems; Social Systems	F,S,Su
UI436	Ag Ethics	none	S

*** F-FALL SEMESTER, S-SPRING SEMESTER, SU-SUMMER SEMESTER

* Semester course offerings are subject to change

NOTE: EVEN IF A STUDENT FALLS UNDER AN OLDER OPTION OF A MAJOR, CHANGES IN PREREQUISITES ARE EFFECTIVE IMMEDIATELY AND APPLY TO ALL STUDENTS

OTHER DEPARTMENTS' COURSES AVAILABLE TO AGRICULTURE MAJORS

COURSE	COURSE TITLE	PREREQUISITE
AC 221	* Financial Accounting	AD101 and MA 134 (both with minimum grades of C), sophomore standing
AD 101	* Intro to Microcomputer Applications	Keyboarding Recommended
BI 151	Biological Reasoning	Must be EN 100 eligible
BI 152	Intro to Scientific Investigation	Pre- or Co-requisite: BI 151
BI 153	Intro to Organismal Biology	Prerequisite: BI 152; Pre- or Co-requisite: CH 185
BI 154	Genetics and Cell Biology	BI 153, CH 185
BI 200	Microbiology	BI 154
CH 181/001/081	* Basic Principles of Chemistry	Pre or Co-requisite: MA 101 or MA 102 or equivalent
CH 185/005/085	General Chemistry I	Prerequisite: MA 101 or MA 102 or equivalent
CH 186	General Chemistry II	Prerequisite: a grade of 'C' in CH 185/005/085 or 'B' in CH 181/001/081
CH341/342	Organic Chemistry 1 plus Lab	CH 341 - CH 186 with a grade of 'C' or consent of instructor, CH 342 - CH341
CH 531/UI 331	Biochemistry I	CH 342 or consent of instructor - Fall only
MA 101	Beginning Algebra	Course grade: CR or F. Prerequisite: ACT Mathematics score 20 or below
MA 102	Intermediate Algebra	Course grade: CR or F. Prerequisite: Grade of CR for MA101
MA 133	Plane Trigonometry	Credit for MA101/MA102, MA 095 with a grade of 'C' or higher, or ACT Math score of 18-20 with MA095 placement score of 14 or higher, or ACT Math score of 21 or higher
MA 134	* College Algebra	Credit for MA101/102 and a passing score on the Intermediate Algebra Assessment, MA 095 with a grade of 'C' or higher, or ACT Math score of 18-20 with MA 095 placement score of 14 or higher, or ACT Math score of 21 or higher
PH 120/020	Intro to Physics I	MA 133: MA 134, or MA 135
PH 121/021	Intro to Physics II	PH 120/020
ZO 200	Animal Zoology	BI 154
ZO 315	Comparative Anatomy	ZO 200
ZO 414	Companion Animals	BI 381
* = Required, Others Electives		