

CROP SCIENCES: CROP AGRIBUSINESS, BS

for the degree of Bachelor of Science Major in Crop Sciences, Crop Agribusiness Concentration

department website: <https://cropsciences.illinois.edu/>
department faculty: <https://cropsciences.illinois.edu/people/faculty/>
overview of college admissions & requirements: Agricultural, Consumer & Environmental Sciences (<http://catalog.illinois.edu/schools/aces/academic-units/#text>)
college website: <https://aces.illinois.edu/>

The concentration in crop agribusiness is designed for students wanting to combine agronomic production and business management. This concentration prepares students for careers in production and marketing, cropping systems management, and a broad range of multi-functional agricultural enterprises, or for entrance into graduate school.

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Prescribed Courses including Campus General Education

Code	Title	Hours
Composition I and Speech		
RHET 105	Writing and Research	4
	or equivalent - see College Composition I requirement (3 or 4)	
CMN 101	Public Speaking	3
Advanced Composition		
	Select from campus approved list.	3-4
Cultural Studies		
	Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.	9
Foreign Language		
	Coursework at or above the third level is required for graduation.	
Quantitative Reasoning I		
	Select one of the following:	4-5
MATH 220	Calculus	
MATH 221	Calculus I	
MATH 234	Calculus for Business I	
Quantitative Reasoning II		
CPSC 241	Intro to Applied Statistics	3
Natural Sciences and Technology		
	See Specific Concentration Requirements	
Humanities and the Arts		
	Select from campus approved list	6
Social and Behavioral Sciences		
ACE 100	Introduction to Applied Microeconomics ¹	3-4
	or ECON 102 Microeconomic Principles	

Select from campus approved list. 3-4

ACES required

ACES 101 Contemporary Issues in ACES 2

Required Concentration 58-79

Concentration prescribed courses. See specific concentration requirements.

Total Hours 126

¹ ACE 100 or ECON 102 are not required for the Biological Sciences Concentration.

Code	Title	Hours
Natural Sciences and Technology		
CHEM 102 & CHEM 103	General Chemistry I and General Chemistry Lab I	4
CHEM 104 & CHEM 105	General Chemistry II and General Chemistry Lab II	4
IB 103	Introduction to Plant Biology	4
	Select one of the following:	4-5
MCB 100 & MCB 101	Introductory Microbiology and Intro Microbiology Laboratory	
IB 104	Animal Biology	
Crop Agribusiness Concentration Required		
ACCY 200 or ACCY 201	Fundamentals of Accounting Accounting and Accountancy I	3
ACE 345	Finan Decision Indiv Sm Bus	3
CPSC 112	Introduction to Crop Sciences	4
CPSC 226		3
CPSC 270	Applied Entomology	3
CPSC 498	Crop Sci Professional Develpmt	1
NRES 201	Introductory Soils	4
PLPA 204		3
	Select one of the following:	3-4
ANSC 100	Intro to Animal Sciences	
FSHN 101	The Science of Food and How it Relates to You	
HORT 100	Introduction to Horticulture	
NRES 102	Introduction to NRES	
TSM 100	Technical Systems in Agr	
	Select 12 hours from the following:	12
CPSC 352	Plant Genetics	
CPSC 412	Principles of Crop Production	
CPSC 414	Forage Crops & Pasture Ecology	
CPSC 415	Bioenergy Crops	
CPSC 418	Crop Growth and Management	
CPSC 426	Weed Mgt in Agronomic Crops	
CPSC 431	Plants and Global Change	
CPSC 437	Principles of Agroecology	
CPSC 453	Principles of Plant Breeding	
CPSC 473	Mgmt of Field Crop Insects	
HORT 341	Greenhouse Mgmt and Production	
HORT 360	Vegetable Crop Production	
HORT 361	Small Fruit Production	
HORT 362	Tree Fruit Production	

HORT 466		
PLPA 405	Plant Disease Diagnosis & Mgmt	
PLPA 407		
Select one of the following:		3
ACE 448	Rural Real Estate Appraisal	
NRES 474	Soil and Water Conservation	
NRES 488	Soil Fertility and Fertilizers	
Select one course from each of the following groups:		6-7
ACE 222	Agricultural Marketing	
or ACE 428	Commodity Futures and Options	
ACE 231	Food and Agribusiness Mgt	
or ACE 232	Farm Management	
Total ACES prescribed and elective courses must total 35 hours, of which 20 must be completed in residence.		35