

# AGRICULTURAL & CONSUMER ECONOMICS, BS AND AGRICULTURAL & APPLIED ECONOMICS, MAAE

for the degrees of Bachelor of Science Major in Agricultural & Consumer Economics and Master of Agricultural & Applied Economics in Agricultural & Applied Economics

The MAAE program includes a standalone non-thesis masters degree as well as a combined BS/MAAE option for ACE undergraduates only. Standalone MAAE students must complete 32 hours of coursework including an internship. Combined program students must meet all requirements for their BS degree in ACE and take an additional 26 hours of graduate credit including an internship to earn the MAAE degree. Six hours of upper-level electives will count jointly for both degrees. As a combined program, students will receive both degrees at the completion of both programs.

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## BS Program Component

### Graduation Requirements

Minimum hours required for graduation: 126 hours.

### University Requirements

Minimum of 40 hours of upper-division coursework, generally at the 300 and 400 level. These hours can be drawn from all elements of the degree. Students should consult their academic advisor for additional guidance in fulfilling this requirement.

The university and residency requirements can be found in the Student Code (§ 3-801) and in the Academic Catalog.

### General Education Requirements

Follows the campus General Education (Gen Ed) requirements. Some Gen Ed requirements may be met by courses required and/or electives in the program.

Code	Title	Hours
	Composition I	4-6
	Advanced Composition	3
	Humanities & the Arts (6 hours)	6
	Natural Sciences & Technology (6 hours)	6
	Social & Behavioral Sciences (6 hours)	6
	fulfilled by ACE 100, ECON 103, and two other courses approved as Social and Behavioral Sciences	
	Cultural Studies: Non-Western Cultures (1 course)	3
	Cultural Studies: U.S. Minority Cultures (1 course)	3
	Cultural Studies: Western/Comparative Cultures (1 course)	3
	Quantitative Reasoning (2 courses, at least one course must be Quantitative Reasoning I)	6-8

fulfilled by MATH 220, MATH 221, or MATH 234; and ACE 262

Language Requirement (Completion of the third semester or equivalent of a language other than English is required)	0-15
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Code	Title	Hours
<b>Department Foundation</b>		
ACE 123	Introduction to ACE	2
ACE 100	Introduction to Applied Microeconomics	4
ECON 103	Macroeconomic Principles	3
ACE 161	Microcomputer Applications	3
	or CS 105	Intro Computing: Non-Tech
Calculus Option - Select one of the following:		4
	MATH 220	Calculus
	MATH 221	Calculus I
	MATH 234	Calculus for Business I
ACCY 201	Accounting and Accountancy I	3
ACE 262	Applied Statistical Methods and Data Analytics I	3
ACE 264	Applied Statistical Methods & Data Analytics 2	3
Communication Option		3 or 6
	CMN 101	Public Speaking
	ALEC 115	Let's Talk about Food, Agriculture, and the Environment
	CMN 111 & CMN 112	Oral & Written Comm I and Oral & Written Comm II
Minimum of 6 additional hours of Social & Behavioral Sciences ( <a href="https://courses.illinois.edu/gened/DEFAULT/DEFAULT/">https://courses.illinois.edu/gened/DEFAULT/DEFAULT/</a> )		6
ACE 341	Careers and Professionalism	1 or 2
ACE 300	Intermediate Applied Microeconomics	3
ACE International Course or Study Abroad Experience Option - Select one of the following:		3
	ACE 411	Environment and Development
	ACE 435	Global Agribusiness Management
	ACE 436	International Business Immersion
	ACE 451	Agriculture in Intl Dev
	ACE 452	The Latin American Economies
	ACE 455	International Trade in Food and Agriculture

Code	Title	Hours
<b>Concentration</b>		
<b>15-29</b>		
Concentration prescribed courses. See specific requirements for the concentration listed below.		
	Agri-Accounting ( <a href="http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/agri-accounting/">http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/agri-accounting/</a> )	
	Agribusiness Markets & Management ( <a href="http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/agribusiness-markets-management/">http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/agribusiness-markets-management/</a> )	
	Consumer Economics & Finance ( <a href="http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/consumer-economics-finance/#text">http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/consumer-economics-finance/#text</a> )	
	Environmental Economics & Policy ( <a href="http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/environmental-economics-policy/">http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/environmental-economics-policy/</a> )	

Farm Management (<http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/farm-management/>)

Finance in Agribusiness (<http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/finance-agribusiness/>)

Financial Planning (<http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/financial-planning/>)

Policy, International Trade & Development (<http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/policy-international-trade-development/>)

Public Policy & Law (<http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/public-policy-law/>)

Code	Title	Hours
Minimum hours in the College of ACES, 20 of which must be in the Department of ACE		35
<b>Total Hours</b>		<b>126</b>

6 hours of upper level electives will count jointly in the BS and Masters programs.

## MAAE Program Component

Code	Title	Hours
<b>Microeconomic Theory</b>		
ACE 500	Applied Economic Theory	4
<b>Quantitative Methods</b>		<b>8</b>
Applied Econometrics:		
ACE 562	Applied Regression Models I	
ACE 564	Applied Regression Models II	
Other Quantitative Methods:		
4 hours of approved graduate course work in Quantitative Methods		
<b>Field of Specialization</b>		
12 hours of approved graduate field courses		12
(Must include at least 4 total hours at the 500-level and 8 total hours in ACE)		
<b>Professional/Research Internship Requirement</b>		
Select one of the following:		
ACE 592	Special Topics (Graduate Internship)	
ACE 591	Independent Study	
<b>Total MAAE Component Hours</b>		<b>26</b>
<b>Total Joint Program Hours</b>		<b>152</b>

## Other Requirements

Code	Title	Hours
Other requirements may overlap		
A minimum of 20 hours of credit within the unit		
A minimum of 16 hours at the 500-level overall		
Minimum GPA		3.0

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## Sample Sequence

This sample sequence is intended to be used only as a guide for degree completion. All students should work individually with their academic advisors to decide the actual course selection and sequence that works best for them based on their academic preparation and goals. Enrichment programming such as study abroad, minors, internships, and so on may impact the structure of this four-year plan. Course availability is not guaranteed during the semester indicated in the sample sequence.

Students must fulfill their Language Other Than English requirement by successfully completing a third level of a language other than English. The introduction to applied microeconomics and macroeconomics courses do not count toward the social science general education requirement. Students must take 6 hours above and beyond these two courses to meet the social and behavioral sciences requirement. For more information, see the corresponding section on the Degree and General Education Requirements page (<http://catalog.illinois.edu/general-information/degree-general-education-requirements/>).

### First Year

First Semester	Hours	Second Semester	Hours
ACE 100		4 ACE 161 or CS 105	3
ACE 123		2 Communication Option or Composition I	4
Calculus Option		4 General Education Course	3
Composition I or Communication Option		3 ECON 103	3
Language Other than English (3rd level)		4 General Education Course	3
		<b>17</b>	<b>16</b>

### Second Year

First Semester	Hours	Second Semester	Hours
ACCY 201		3 ACE 341	1
ACE 262		3 ACE 264	3
General Education Course		3 General Education Course	3
Concentration Required Course		3 General Education Course	3
Concentration Required Course		3 Free Elective Course	3
		Free Elective Course	3
		<b>15</b>	<b>16</b>

### Third Year

First Semester	Hours	Second Semester	Hours
Concentration Required Course		3 ACE 300	3
Concentration Required Course		3 ACE International Course or Study Abroad Experience Option	3

ACE or ACES Elective Course	4 General Education Course	3
General Education Course	3 Concentration Required Course	3
Free Elective Course	3 General Education Course	3
<b>16</b>		<b>15</b>

**Fourth Year**

First Semester	Hours	Second Semester	Hours
ACE or ACES Elective Course		4 ACE or ACES Elective Course	4
Concentration Required Course		3 Concentration Required Course	3
Free Elective Course		3 Free Elective Course	2
General Education Course		3 Free Elective Course	3
General Education Course		3 Free Elective Course or 400- level ACE Elective	3
<b>16</b>		<b>15</b>	

**Fifth Year**

First Semester	Hours	Second Semester	Hours
ACE 500		4 Specialization Field Course (ACE 500 level)	4
ACE 562		2 Specialization Field Course (500 level)	4
ACE 564		2 Professional/ Research Internship Course	2
Specialization Field ACE course		4 Quantitative Methods Course	4
<b>12</b>		<b>14</b>	

**Total Hours 152**

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**Bachelor of Science LOAs:**

1. ACE students will acquire broad and deep knowledge of Agricultural and Consumer Economics.
2. ACE students will develop a critical and reflective orientation toward global systems (such as natural, environmental, social, cultural, economic, and political) and cultural differences (such as race, indigeneity, gender, class, sexuality, language, and disability).
3. ACE students will develop critical thinking and problem solving skills.
4. ACE students will develop their ability to communicate in a variety of settings.
5. ACE students will build and sustain productive relationships to be effective leaders who can respond to civic and social challenges at local, national, and global levels, creating positive change in their communities.

**MAAE LOAs:**

1. Develop a knowledge base in, and demonstrate an understanding of how to use, microeconomic concepts to set up and analyze economic problems.
2. Develop mastery of quantitative methods which can be used to analyze and address economic problems.
3. Understand features of agriculture and natural resources (e.g., inherent risk, institutions, unique government policies, and cultural importance of food) that make them unique for applications of economic principles and methods.
4. Gain experience in applying skills developed in the program in a real-world professional setting.
5. Practice highest levels of professional conduct (e.g., in professional activities take responsibility, be accountable, show integrity, have strong ethics, and respect diversity).

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**Agricultural Consumer Economics**

Agricultural Consumer Economics website (<https://ace.illinois.edu/>)

326 Mumford Hall  
1301 W. Gregory Drive  
Urbana, IL 61801  
217-333-1810

[ace-aces@illinois.edu](mailto:ace-aces@illinois.edu) (<http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs-agricultural-applied-economics-maae/ace-aces@illinois.edu>)

**Advising**

ACE Advising Website (<https://ace.illinois.edu/about/contact-us/#paragraph-346>)

217-333-1810  
[ace-aces@illinois.edu](mailto:ace-aces@illinois.edu) (<http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs-agricultural-applied-economics-maae/ace-aces@illinois.edu>)

**College of Agricultural, Consumer & Environmental Sciences**

College Website (<https://aces.illinois.edu/>)

**Office of Academic Programs**

128 Mumford Hall  
1301 West Gregory Drive  
Urbana, IL 61801  
217-333-3380  
[aces-academics@illinois.edu](mailto:aces-academics@illinois.edu)

**Admissions**

ACES Undergraduate Admissions (<https://aces.illinois.edu/admissions/>)  
University of Illinois Urbana-Champaign Undergrad Admissions (<https://www.admissions.illinois.edu/>)  
217-333-3380  
[visitACES@illinois.edu](mailto:visitACES@illinois.edu)