# 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.

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

**BS Program Component**
Prescribed Core Courses including Campus General Education

Minimum hours for graduation is 126, to include a 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.

| Code | Title | Hours |
|---|---|---|
| **Composition I and Speech** | | |
| Requirement to be satisfied in the first year | | |
| RHET 105 & CMN 101 | Writing and Research and Public Speaking (or equivalent (see College Composition I requirement) ) | 7 |
| **Advanced Composition** | | |
| Students are encouraged to complete this requirement prior to the seventh semester. | | |
| Select from campus-approved Advanced Composition list (https://courses.illinois.edu/gened/DEFAULT/DEFAULT/ACP/) | | |
| **Foreign Language** | | |
| Coursework at or above the third level is required for graduation. | | |
| **Quantitative Reasoning I** | | |
| Select one of: | | 7-8 |
| MATH 124 | Finite Mathematics | |
| MATH 231 | Calculus II | |
| Select one of: | | |
| MATH 220 | Calculus | |
| MATH 221 | Calculus I | |
| MATH 234 | Calculus for Business I | |
| **Quantitative Reasoning II** | | **6** |
| ACE 262 | Applied Statistical Methods and Data Analytics I | |
| ACE 264 | Applied Statistical Methods & Data Analytics 2 | |
| **Humanities and the Arts** | | |
| Selected from campus approved list. | | 6 |
| **Natural Sciences and Technology** | | |
| Selected from campus approved list. | | 6 |
| **Social and Behavioral Sciences** | | |
| Selected from campus approved list. | | 6 |
| **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 |
| **ACES Prescribed** | | |
| ACES 101 | Contemporary Issues in ACES (for freshmen only) | 2 |
| **Department Requirements** | | |
| Minimum Hours in the College of ACES of which 20 must be in the Department of ACE | | 35 |
| Minimum of two 400-level courses in ACE | | 6 |
| ACE 100 | Introduction to Applied Microeconomics | 4 |
| ACE 161 | Microcomputer Applications | 3 |
| or CS 105 | Intro Computing: Non-Tech | |
| ACE 300 | Intermediate Applied Microeconomics | 3 |
| ACE 341 | Issues&Careers in Applied Econ | 1 or 2 |
| ACCY 201 | Accounting and Accountancy I | 3 |
| ECON 103 | Macroeconomic Principles | 3 |
| At least 3 hours of credit for study abroad or one international course selected from: | | 3-4 |
| 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 | |
| **Required Concentration** | | **15-29** |
| Concentration prescribed courses. See specific requirements for the concentration listed below. | | |
| Agri-Accounting (https://nextcourses.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/agri-accounting/) | | |
| Agribusiness Markets & Management (https://nextcourses.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/agribusiness-markets-management/) | | |
| Consumer Economics & Finance (https://nextcourses.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/consumer-economics-finance/) | | |
| Environmental Economics & Policy (https://nextcourses.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/environmental-economics-policy/) | | |
| Farm Management (https://nextcourses.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/farm-management/) | | |

| | |
|---|---|
| Finance in Agribusiness (https://nextcourses.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/finance-agribusiness/) | |
| Financial Planning (https://nextcourses.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/financial-planning/) | |
| Policy, International Trade & Development (https://nextcourses.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/policy-international-trade-development/) | |
| Public Policy & Law (https://nextcourses.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs/public-policy-law/) | |
| **Total Hours** | **126** |

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

**MAAE Component**

| Code | Title | Hours |
|---|---|---|
| **Microeconomic Theory** | | |
| ACE 500 | Applied Economic Theory | 4 |
| **Quantitative Methods** | | |
| Applied Econometrics: | | 8 |
| 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 | | |
| **Field of Specialization** | | |
| 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 | | |
| **Professional/Research Internship Requirement** | | |
| Select one of the following: | | |
| ACE 592 | Special Topics (Graduate Internship) | |
| ACE 591 | Independent Study | |
| **Total MAAE Component Hours** | | **26** |
| **Total Joint Program Hours** | | **152** |

**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 | | |

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

**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 General and 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 | 3 |
| ACES 101 | 2 | CMN 101 or RHET 105 | 3 |
| MATH 124 | 3 | MATH 234 | 4 |
| RHET 105 or CMN 101 | 4 | ECON 103 | 3 |
| Language Other than English (3rd level) | 4 | General Education course | 3 |
| | **17** | | **16** |

**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 |
| | **15** | | **16** |

**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 | 3 |
| ACE or ACES Elective course | 3 | General Education course | 3 |
| General Education course | 3 | Concentration Required course | 3 |
| Free Elective course | 3 | General Education course | 3 |
| | **15** | | **15** |

**Fourth Year**

| First Semester | Hours | Second Semester | Hours |
|---|---|---|---|
| ACE or ACES Elective course | 3 | Concentration Required course | 3 |

| | | | |
|---|---|---|---|
| Concentration Required course | 3 | ACE or ACES Elective course | 3 |
| Free Elective course | 3 | General Education course | 4 |
| General Education course | 4 | Free Elective course | 3 |
| General Education course | 3 | Free Elective course | 3 |
| | **16** | | **16** |

**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 | ACE 591 | 2 |
| Specialization Field ACE course | 4 | Quantitative Methods course | 4 |
| | **12** | | **14** |

**Total Hours 152**

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

---

Bachelor of Science LOAs:
1. ACE students will acquire broad and deep knowledge of Agricultural and Consumer Economics.
1. 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).
2. ACE students will develop critical thinking and problem solving skills.
3. ACE students will develop their ability to communicate in a variety of settings.
4. 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).

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

---

**Agricultural Consumer Economics**
Agricultural Consumer Economics Website (https://ace.illinois.edu/)
326 Mumford Hall
1301 W. Gregory Drive
Urbana, IL 61801
217-333-1810

**Advising**
Phone: 217-333-1810
Email: ace-aces@illinois.edu (http://catalog.illinois.edu/undergraduate/aces/agricultural-consumer-economics-bs-agricultural-applied-economics-maae/ace-aces@illinois.edu)
ACE Advising Website (https://ace.illinois.edu/about/contact-us/#paragraph--346)

**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

**Admissions**
ACES Undergraduate Admissions (https://aces.illinois.edu/admissions/)
visitACES@illinois.edu
217-333-3380
University of Illinois Undergrad Admissions (https://www.admissions.illinois.edu/)