UNIVERSITY GENERAL EDUCATION REQUIREMENTS

All undergraduate students at the University of Wisconsin–Madison are required to fulfill a minimum set of common university general education requirements to ensure that every graduate acquires the essential core of an undergraduate education. This core establishes a foundation for living a productive life, being a citizen of the world, appreciating aesthetic values, and engaging in lifelong learning in a continually changing world. Various schools and colleges will have requirements in addition to the requirements listed below. Consult your advisor for assistance, as needed. For additional information, see the university Undergraduate General Education Requirements (http://guide.wisc.edu/undergraduate/#requirementsforundergraduatestudytext) section of the Guide.

General Education

- Breadth—Humanities/Literature/Arts: 6 credits
- Breadth—Natural Science: 4 to 6 credits, consisting of one 4- or 5-credit course with a laboratory component; or two courses providing a total of 6 credits
- Breadth—Social Studies: 3 credits
- Communication Part A & Part B *
- Ethnic Studies *
- Quantitative Reasoning Part A & Part B *

* The mortarboard symbol appears before the title of any course that fulfills one of the Communication Part A or Part B, Ethnic Studies, or Quantitative Reasoning Part A or Part B requirements.

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES REQUIREMENTS

In addition to the University General Education Requirements, all undergraduate students in CALS must satisfy a set of college and major requirements. Courses may not double count within university requirements (General Education and Breadth) or within college requirements (First-Year Seminar, International Studies, Science, and Capstone), but courses counted toward university requirements may also be used to satisfy a college and/or a major requirement; similarly, courses counted toward college requirements may also be used to satisfy a university and/or a major requirement.

COLLEGE REQUIREMENTS FOR ALL CALS B.S. DEGREE PROGRAMS

- Quality of Work: Students must maintain a minimum cumulative grade point average of 2.000 to remain in good standing and be eligible for graduation.
- Residency: Students must complete 30 degree credits in residence at UW–Madison after earning 86 credits toward their undergraduate degree.

First Year Seminar (http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementstext)
International Studies (http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementstext)
Physical Science Fundamentals
CHEM 103 General Chemistry I
or CHEM 108 Chemistry in Our World
or CHEM 109 Advanced General Chemistry
Biological Science
Additional Science (Biological, Physical, or Natural)
Science Breadth (Biological, Physical, Natural, or Social)
CALS Capstone Learning Experience: included in the requirements for each CALS major (see "Major Requirements") (http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementstext)

MAJOR REQUIREMENTS

Mathematics and Statistics
This major requires calculus. Prerequisites may need to be taken before enrollment in calculus.
Select one of the following: 5
MATH 211 Calculus
MATH 217 Calculus with Algebra and Trigonometry II
MATH 221 Calculus and Analytic Geometry 1

Select one of the following: 3-4
ECON 310 Statistics: Measurement in Economics
STAT 301 Introduction to Statistical Methods
STAT 324 Introductory Applied Statistics for Engineers
STAT 371 Introductory Applied Statistics for the Life Sciences
GEN BUS 306 & GEN BUS 307 Business Analytics I and Business Analytics II
SOC/ C&E SOC 360 Statistics for Sociologists I

PSYCH 210 Basic Statistics for Psychology

Core
A E 215 Introduction to Agricultural and Applied Economics 4
or ECON 101 Principles of Microeconomics
ECON 102 Principles of Macroeconomics 3-4
ECON 301 Intermediate Microeconomic Theory 4
or ECON 311 Intermediate Microeconomic Theory - Advanced Treatment
ECON 302 Intermediate Macroeconomic Theory 4
or ECON 312 Intermediate Macroeconomic Theory - Advanced Treatment

A E 320 Farming Systems Management 3
A E 322 Commodity Markets 4
A E 419 Agricultural Finance 3
A A E/ECON 421  Economic Decision Analysis  4
ACCT I S 100  Introductory Financial Accounting  2
or ACCT I S 300  Accounting Principles  3
Select three of the following:  9
ECON/FINANCE 300  Introduction to Finance
GEN BUS 301  Business Law
GEN BUS 310  Fundamentals of Accounting and Finance for Non-Business Majors
GEN BUS 311  Fundamentals of Management and Marketing for Non-Business Majors
MARKETING 300  Marketing Management
M H R 300  Managing Organizations
M H R 305  Human Resource Management
ACCT I S 211  Introductory Managerial Accounting  1

Capstone
A A E 500  Senior Capstone Experience  3

Total Credits  52-54

1  ACCT I S 100 is a prerequisite for ACCT I S 211.

UNIVERSITY DEGREE REQUIREMENTS

Total Degree  To receive a bachelor’s degree from UW–Madison, students must earn a minimum of 120 degree credits. The requirements for some programs may exceed 120 degree credits. Students should consult with their college or department advisor for information on specific credit requirements.

Residency  Degree candidates are required to earn a minimum of 30 credits in residence at UW–Madison. "In residence" means on the UW–Madison campus with an undergraduate degree classification. "In residence” credit also includes UW–Madison courses offered in distance or online formats and credits earned in UW–Madison Study Abroad/Study Away programs.

Quality of Work  Undergraduate students must maintain the minimum grade point average specified by the school, college, or academic program to remain in good academic standing. Students whose academic performance drops below these minimum thresholds will be placed on academic probation.