

NUTRITIONAL SCIENCES, B.S. NUTRITION AND DIETETICS

REQUIREMENTS

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/#requirementsforundergraduatestudystext>) section of the *Guide*.

- | | |
|-------------------|--|
| General Education | <ul style="list-style-type: none"> • 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

| Code | Title | Credits |
|--|-------|---------|
| 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/#requirementsstext) | | 1 |
| International Studies (http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementsstext) | | 3 |
| Physical Science Fundamentals | | 4-5 |
| CHEM 103 | General Chemistry I | |
| or CHEM 108 | Chemistry in Our World | |
| or CHEM 109 | Advanced General Chemistry | |
| Biological Science | | 5 |
| Additional Science (Biological, Physical, or Natural) | | 3 |
| Science Breadth (Biological, Physical, Natural, or Social) | | 3 |
| CALS Capstone Learning Experience: included in the requirements for each CALS major (see "Major Requirements") (http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#requirementsstext) | | |

MAJOR REQUIREMENTS

| Code | Title | Credits |
|--|---|---------|
| Mathematics and Statistics | | |
| Complete one of the following (or may be satisfied by placement exam): | | 3-5 |
| MATH 112 | Algebra | |
| MATH 114 | Algebra and Trigonometry ¹ | |
| Complete one of the following: | | 3-4 |
| PSYCH 210 | Basic Statistics for Psychology | |
| SOC/ C&E SOC 360 | Statistics for Sociologists I | |
| STAT 301 | Introduction to Statistical Methods | |
| STAT 371 | Introductory Applied Statistics for the Life Sciences | |
| Chemistry | | |
| Complete one of the following: | | 5-9 |
| CHEM 103 & CHEM 104 | General Chemistry I and General Chemistry II | |
| CHEM 109 | Advanced General Chemistry | |
| Complete one of the following: | | 3 |
| CHEM 341 | Elementary Organic Chemistry | |
| CHEM 343 | Organic Chemistry I | |
| Complete one of the following: | | 3 |
| BIOCHEM 301 | Survey of Biochemistry | |
| BIOCHEM 501 | Introduction to Biochemistry | |
| BMOLCHEM 503 | Human Biochemistry | |
| Biology | | |
| Complete one of the following: | | 5 |
| ZOOLOGY/ BIOLOGY 101 & ZOOLOGY/ BIOLOGY 102 | Animal Biology and Animal Biology Laboratory | |
| ZOOLOGY/ BIOLOGY/ BOTANY 151 | Introductory Biology | |

| | | |
|---|--|-----------------|
| Complete one of the following: ² | 5 | Quality of Work |
| MICROBIO 101 & MICROBIO 102 | General Microbiology and General Microbiology Laboratory | |
| MICROBIO 303 & MICROBIO 304 | Biology of Microorganisms and Biology of Microorganisms Laboratory | |

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.

| | | |
|----------------------|--|--------------|
| Foundation | | |
| ANAT&PHY 335 | Physiology | 5 |
| PSYCH 202 | Introduction to Psychology | 3 |
| GEN BUS 310 | Fundamentals of Accounting and Finance for Non-Business Majors | 3 |
| GEN BUS 360 | Workplace Writing and Communication | 3 |
| Core | | |
| FOOD SCI 301 | Introduction to the Science and Technology of Food | 3 |
| FOOD SCI 437 | Food Service Operations | 4 |
| NUTR SCI 200 | The Professions of Dietetics and Nutrition | 1 |
| NUTR SCI 332 | Human Nutritional Needs | 3 |
| NUTR SCI 431 | Nutrition in the Life Span | 3 |
| BIOCHEM/NUTR SCI 510 | Nutritional Biochemistry and Metabolism | 3 |
| NUTR SCI 540 | Community Nutrition and Health Equity | 3 |
| NUTR SCI 631 | Clinical Nutrition I | 3 |
| NUTR SCI 632 | Clinical Nutrition II | 3 |
| Capstone | | |
| NUTR SCI 500 | Undergraduate Capstone Seminar Laboratory | 1 |
| NUTR SCI 641 | Applications in Clinical Nutrition I | 1 |
| NUTR SCI 642 | Applications in Clinical Nutrition II | 1 |
| Total Credits | | 70-77 |

1

Note that placement into MATH 114 does not guarantee that credit has been earned for MATH 112.

2

Consult advisor about combining MICROBIO 303 with MICROBIO 102.

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.