### Requirements for Students Matriculating in or before Academic Year 2020-2021

Learn more about University Academic Regulation 3.1 (http://catalog.okstate.edu/university-academic-regulations/#matriculation).

**Minimum Overall Grade Point Average:** 2.00  
**Total Hours:** 120

#### General Education Requirements

**English Composition**

- ENGL 1113 Composition I
- or ENGL 1313 Critical Analysis and Writing I

Select one of the following:
- ENGL 1213 Composition II
- ENGL 1413 Critical Analysis and Writing II
- ENGL 3323 Technical Writing

**American History & Government**

Select one of the following:
- HIST 1103 Survey of American History
- HIST 1483 American History to 1865 (H)
- HIST 1493 American History Since 1865 (DH)
- POLS 1113 American Government

**Analytical & Quantitative Thought (A)**

- MATH 1513 College Algebra (A)
- or STAT 2013 Elementary Statistics (A)
- or STAT 2023 Elementary Statistics for Business and Economics (A)

**Humanities (H)**

Courses designated (H)

**Natural Sciences (N)**

Must include one Laboratory Science (L) course

- BIOL 1114 Introductory Biology (LN)

Any course designated (N)

**Social & Behavioral Sciences (S)**

- AGEC 1113 Introduction to Agricultural Economics (S)
- or ECON 2103 Introduction to Microeconomics (S)

**Additional General Education**

Courses designated (A), (H), (N), or (S)

**Hours Subtotal:** 40

#### Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan

Select at least one Diversity (D) course

Select at least one International Dimension (I) course

**College/Departmental Requirements**

**Agricultural Sciences and Natural Resources**

- AG 1011 First Year Seminar

**Major Requirements**

**Core Courses**

- ANSI 2111 Animal and Food Science Professional Development
- FDSC 1133 Fundamentals of Food Science
- ANSI 2253 Meat Animal and Carcass Evaluation
- or ANSI 2233 The Meat We Eat
- CHEM 1314 Chemistry I (LN)
- CHEM 1515 Chemistry II (LN)
- MICR 2123 Introduction to Microbiology
- MICR 2132 Introduction to Microbiology Laboratory

Select one of the following:

- BIOC 2344 Chemistry and Applications of Biomolecules
- ENVR 1113 Elements of Environmental Science
- HORT 1013 Principles of Horticultural Science (LN)
- PLNT 1213 Introduction to Plant and Soil Systems
- SOIL 1113 Land, Life and the Environment (N)
- SOIL 2124 Fundamentals of Soil Science (N)

**Written and Oral Communications**

- AGCM 3103 Written Communications in Agricultural Sciences and Natural Resources
- or ENGL 3323 Technical Writing

Select one of the following:

- AGCM 3203 Oral Communications in Agricultural Sciences & Natural Resources (S)
- SPCH 2713 Introduction to Speech Communication (S)
- SPCH 3733 Elements of Persuasion (S)

**Hours Subtotal:** 31

**Related Courses**

Select 12 hours of the following:

- FDSC 3310 Advanced Competitive Evaluation
- FDSC 3333 Meat Science
- FDSC 3603 Processing Dairy Foods
- FDSC 4143 Food Safety Modernization Act
- FDSC 4233 Food Safety Audit Schemes
- FDSC 4253 Pre-Harvest Food Safety
- FDSC 4333 Processed Meat

**Hours Subtotal:** 12
FDSC 4373  Food Chemistry II
NSCI 3543  Food and the Human Environment (IS)
HORT 3213  Fruit and Nut Production
ENVR 3113  Sampling and Analyses for Solving
            Environmental Problems
MICR 3033  Cell and Molecular Biology
BIOL 3163  Environmental Biology

| Hours Subtotal | 49 |

| Electives |
| Select 0 hours or hours to complete required total for degree | 0 |

Total Hours 120

1. College & Departmental requirements that may be used to meet GE requirements.
2. If used for (N) requirement, hours in this block are reduced by CHEM course hours.
3. If ENGL 3323 Technical Writing is substituted for ENGL 1213 Composition II above; hours in this block are reduced by 3.
4. If used as (S) course above, hours in this block reduced by 3.

Other Requirements

- A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.
- A 2.00 GPA or higher in upper-division hours.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2026.