

# FOOD SCIENCE, MS

## Requirements for Students Matriculating in or before Academic Year

2024-2025. Learn more about Graduate College Academic Regulation 7.0 (<http://catalog.okstate.edu/graduate-college/#70>).

## Thesis Option

Total Hours: 30

| Code                                | Title   | Hours     |
|-------------------------------------|---|-----------|
| <b>Degree Core</b>                  |   |           |
| FDSC 4153                           | Advanced Food Microbiology                            | 3         |
| FDSC 4763                           | Analysis of Food Products                             | 3         |
| FDSC 5000                           | Master's Research and Thesis                          | 6         |
| FDSC 5300                           | Food Science Seminar                                  | 1         |
| FDSC 5373                           | Advanced Food Chemistry                               | 3         |
| STAT 5013                           | Statistics for Experimenters I                        | 3         |
| <b>Hours Subtotal</b>               |   | <b>19</b> |
| <b>Electives</b>                    |   |           |
| Select 11 hours from the following: |   | 11        |
| FDSC 4123                           | Principles of Food Engineering                        |           |
| FDSC 4243                           | Researching Consumer Food Preferences                 |           |
| FDSC 4253                           | Pre-Harvest Food Safety                               |           |
| FDSC 4333                           | Processed Meat  |           |
| FDSC 5102                           | Ethics and Professionalism in Animal and Food Science |           |
| FDSC 5113                           | Internal Audit and Advanced HACCP                     |           |
| FDSC 5120                           | Special Topics in Food Science                        |           |
| FDSC 5143                           | Food Safety Modernization Act                         |           |
| FDSC 5213                           | Advances in Meat Science                              |           |
| FDSC 5233                           | Food Safety Audit Schemes                             |           |
| FDSC 5333                           | Carcass Value Estimation Systems                      |           |
| FDSC 5393                           | Issues in Food Science                                |           |
| FDSC 5553                           | Interpreting Animal and Food Science Research         |           |
| <b>Hours Subtotal</b>               |   | <b>11</b> |
| <b>Total Hours</b>                  |   | <b>30</b> |

## Formal Report Option

Total Hours: 32

| Code                                | Title   | Hours     |
|-------------------------------------|---|-----------|
| <b>Degree Core</b>                  |   |           |
| FDSC 4153                           | Advanced Food Microbiology  | 3         |
| FDSC 4763                           | Analysis of Food Products   | 3         |
| FDSC 5000                           | Master's Research and Thesis  | 2         |
| FDSC 5300                           | Food Science Seminar (offered for fixed credit, 1 credit hour, maximum of 3 credit hours) | 3         |
| FDSC 5373                           | Advanced Food Chemistry   | 3         |
| STAT 5013                           | Statistics for Experimenters I  | 3         |
| <b>Hours Subtotal</b>               |   | <b>17</b> |
| <b>Electives</b>                    |   |           |
| Select 15 hours from the following: |   | 15        |

|                |   |
|----------------|---|
| FDSC 4123      | Principles of Food Engineering                        |
| FDSC 4243      | Researching Consumer Food Preferences                 |
| FDSC 4253      | Pre-Harvest Food Safety                               |
| FDSC 4333      | Processed Meat  |
| FDSC 5102      | Ethics and Professionalism in Animal and Food Science |
| FDSC 5113      | Internal Audit and Advanced HACCP                     |
| FDSC 5120      | Special Topics in Food Science                        |
| FDSC 5143      | Food Safety Modernization Act                         |
| FDSC 5213      | Advances in Meat Science                              |
| FDSC 5233      | Food Safety Audit Schemes                             |
| FDSC 5333      | Carcass Value Estimation Systems                      |
| FDSC 5393      | Issues in Food Science                                |
| FDSC 5553      | Interpreting Animal and Food Science Research         |
| Hours Subtotal | 15  |
| Total Hours    | 32  |

## Graduate College Master's Program Requirements

Learn more about Graduate College 2024-2025 Master's Degree Program Requirements (<http://catalog.okstate.edu/graduate-college/>). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.