

## ***M.S. FOOD SCIENCE COURSEWORK REQUIREMENTS***

### **Recommended Food Science Competency Areas**

Students are expected to demonstrate a fundamental understanding of food science competency areas. In preparation for final defense and examination, **students are recommended to take courses that cover:**

- Food chemistry/analysis
- Food microbiology/safety
- Food processing/engineering
- Nutrition, toxicology, sensory, and other related areas (such as statistical analysis)

### **General Graduate Course Requirements – M.S. Thesis**

Students must complete a minimum of 30 credit hours including a minimum 21 credits of graded (A-F) coursework, with at least 15 hours of graduate credit (500-level) including FS 517/518 or approved substitution (3 cr) **plus** 6 credits minimum of FS graduate (500-level) coursework, and 3 credits minimum (400+ level) Statistics coursework, and 9 credit hours minimum of FS 700 Master's Research, Thesis, and/or Examination. Up to 6 credits of graded, non-graduate coursework at the 300- or 400-level may be included.

Courses taken as audit or on a pass/fail basis may not be applied to fulfill program requirements. Any course graded S/F may not be used as graded coursework. Any course listed on the student's Program of Study in which a grade of "C-" or below is earned must be repeated for graded credit. Up to half of the graded credits on a program of study may be transfer credits (which includes UI COOP credit, [see policy](#)), with approval of the Graduate School. See the [WSU Graduate School transfer policy](#) for full details (Chapter 6.G.2.f-h).

#### *List View:*

- 30 hours minimum total credits
- 21 credit hours minimum of graded (A-F) coursework, including a minimum of 15 credit hours of graduate credit (500-level). Up to 6 credits of graded, non-graduate coursework at the 300- or 400-level may be included.
- Specific graded (A-F) coursework requirements include:
  - FS 517/518 (3 credits) or approved substitution **plus** 6 credits minimum of FS graduate (500-level) coursework
  - 3 credits minimum (400+ level) Statistics coursework
- 9 credit hours minimum FS 700 Masters Research, Thesis, and/or Examination
  - Full-time students must be enrolled in at least 1 research credit each semester (excluding summers).
- Notes on graded courses:
  - Up to half of the graded credits on a program of study may be transfer credits (which includes UI COOP credit, [see policy](#)), with approval of the Graduate School. See the [WSU Graduate School transfer policy](#) for full details (Chapter 6.G.2.f-h).
  - Courses for audit and courses graded Pass/Fail may not be used for the Program of Study.
  - Any course graded S/F may not be used as graded coursework.
  - Any course listed on the student's Program of Study in which a grade of "C-" or below is earned must be repeated for graded credit.

### **General Graduate Course Requirements – M.S. Non-Thesis (by exception only)**

The non-thesis requirements are the same as for the M.S. Thesis, with these exceptions:

- 26 minimum graded (A-F) credits are required; up to 9 may be at the 300-400 level
- 4 hrs of FS 702 are required (rather than 9 credits of FS 700)