

## ***PH.D. FOOD SCIENCE COURSEWORK REQUIREMENTS***

### **Food Science Competency Areas**

Students are expected to demonstrate a fundamental understanding of the following food science competency areas:

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

Students will be tested in these competency areas during the preliminary examination. Please refer to the preliminary exam section of this handbook to learn more. **Students should select coursework to support examination in these areas.**

### **Ph.D. Course Requirements**

Students must complete a minimum of 72 credit hours including a minimum 24 credits of graded (A-F) coursework, with at least 15 credits at the graduate credit (500-level) including FS 517/518 or approved substitution (3 credits) plus 9 credits minimum of FS graduate (500-level) coursework, and 3 credits minimum (400+ level) Statistics coursework, and 30 credit hours minimum of FS 800 Doctoral Research, Dissertation, and/or Examination. Up to 9 credits of graded, non-graduate coursework at the 300- or 400-level may be included.

Courses taken 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:*

- 72 hours minimum total credits
- 24 credit hours minimum of graded (A-F) coursework, including a minimum of 15 credit hours at the graduate (500-level). Up to 9 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 9 credits minimum of FS graduate (500-level) coursework
  - 3 credits minimum 400+ level Statistics coursework
- 30 credit hours minimum FS 800 Doctoral Research, Dissertation, and/or Examination
- Full-time students must be enrolled in at least 1 research credit each semester (excluding summers)
- 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).
- Notes on graded courses
  - The other 18 credits can be FS800 Doctoral Research credits or graded course credits in consultation with the advisor.
  - 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.