FOOD SCIENCE - DOCTOR OF PHILOSOPHY

Coursework for students with a Master of Science degree should complete 42 credits:

Prefix	Title	Credits
Requirements		
Area of Research Emphasis		
Students will take at least 15 credits from the following: [4]		*15*
FSTE 6997	Special Research Program	
FSTE 6991	Doctoral Research	
FSTE 5110	Food Microbiology	
FSTE 5120	Food Chemistry	
FSTE 5230	Food Processing Technologies	
FSTE 5250	Sensory Evaluation of Foods	
FSTE 5140	Food Analysis	
FSTE 5130	Food Preservation	
FSTE 5997	Special Research Programs	
Students are required to take at least 6 statistic credits from the following: [1]		*6*
AXED 5510	Research Methods	
AXED 5515	Data Collection and Analysis	
AEEC 5110	Introduction to Quantitative Methods	
Required Courses		*21*
FSTE 6910	Doctoral Seminar	
FSTE 7000	Doctoral Dissertation	
Total Credits		**42**

Coursework for students with a Bachelor of Science degree should complete 72 credits:

Prefix	Title	Credits
Requirements		
Statistics, Research Methodology, and Master Thesis Courses		*12*
Statistics Course [1]		3
Research Methodology Course [2]		3
FCSC 5999	Master's Thesis (at least 6 credits must be taken)	
Take at least 18 credits from the following: [3]		18
FSTE 5110	Food Microbiology	
FSTE 5120	Food Chemistry	
FSTE 4997	Special Problems	
FSTE 4996	Special Topics	
FSTE 5250	Sensory Evaluation of Foods	
FSTE 5140	Food Analysis	
Area of Research Emphasis		
Students will take at least 15 credits from the following: [4]		15
FSTE 6997	Special Research Program	
FSTE 6991	Doctoral Research	
FSTE 5110	Food Microbiology	
FSTE 5120	Food Chemistry	
FSTE 5230	Food Processing Technologies	
FSTE 5250	Sensory Evaluation of Foods	
FSTE 5140	Food Analysis	
FSTE 5130	Food Preservation	
FSTE 5997	Special Research Programs	
Students are required to take at least 6 statistic credits from the following: [1]		*6*
AXED 5510	Research Methods	
AXED 5515	Data Collection and Analysis	
AEEC 5110	Introduction to Quantitative Methods	
Required Courses		*21*
FSTE 6910	Doctoral Seminar	
FSTE 7000	Doctoral Dissertation	
Total Credits		**78**

1 Students select a statistics course with the help of their committee chair (major advisor). Alternative statistic courses can be taken besides AXED 5510 Research Methods, AXED 5515 Data Collection and Analysis, and AEEC 5110 Introduction to Quantitative Methods.

2 Students select a research methodology course with the help of their committee chair (major advisor).

3 Students must take a total of 30 credits to continue to the Area of Research Emphasis coursework requirement for the Ph.D.

4 Other courses may be used to satisfy the required credits as approved by the student's committee chair (major advisor).

Students will select classes with the help of their committee chair (major advisor) based on background and interests. Students are expected to complete their degree in three to four years but may be allowed up to seven years to complete the requirements. Candidates are paired with a committee chair from their department and then they select two other committee members, at least one must be from another department.

Ph.D. candidates must meet the following requirements:

- Completion of a minimum of 6 semesters with at least two occurring after the comprehensive exam.
- Maintain a minimum grade point average of 3.0
- Completion of the degree within seven years of admission.
- Enrollment in at least 1 credit per semester, or 9 credits if on a GA.
- Enrollment in FSTE 6910 Doctoral Seminar, Doctoral Seminar, each year for three semesters.
- Gain experience as a teaching assistant for at least two semesters.
- Present a public seminar during FSTE 6910 Doctoral Seminar to be submitted as an oral or poster presentation at a regional/national or international conference.
- Have at least one refereed journal as the first author accepted for publication
- Yearly completion of Student Progress Review
- Successful completion of three exams:

1. Qualifying exam – completed by the end of the first year. Content to be determined by the Committee.

2. Comprehensive exam – The comprehensive examination consists of two parts: written and oral presentation of the research proposal. Students must pass the examination within 24 months of passing the qualifying examination and may not take 7000-level courses until both parts of the comprehensive examination have been passed.

3. Final oral exam – taken after completing all degree requirements, but not earlier than one month before completing six registration units. During this time, students are enrolled in 7000-level courses. The program of study must include a minimum of 18 credits of doctoral dissertation. There is a minimum period of one year between the comprehensive examination and the final oral examination ("dissertation defense").

Satisfactory completion of a dissertation under the supervision of the Committee.

Students should consult the Graduate School website for specific information regarding the completion of the degree and submission of the dissertation