

Agriculture and Environmental Sciences, PhD

Concentration: Food Science, Human Nutrition and Health
College of Agriculture & Environmental Sciences

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The Ph.D. in Agriculture and Environmental Sciences-Food Science, Nutrition and Health concentration is designed to provide opportunities for advanced study and research that will enhance human health by developing a food supply that is sustainable, safe, nutritious, accessible and affordable. This Ph.D. degree in Food Science, Human Nutrition and Health will encompass basic and applied sciences and the interrelationships among food, nutrition and health. The program will prepare students for successful careers as teachers, researchers, entrepreneurs and leaders in academia and industry in both the public and private sectors. This is an innovative degree program that will prepare professionals to make a difference in the nexus of food and human health.

Additional Admission Requirements

- At least one degree in a Food, Agricultural, or Environmental Science or closely related Agricultural Discipline.
- Master of Science degree from one of the aforementioned areas with a cumulative GPA of 3.3.
- A Graduate Record Exam (GRE) Aptitude Exam score
- A Personal Statement, current vita, and three professional letters of recommendation (at least one from a former faculty advisor)

Program Outcomes

The program will prepare graduates to:

- Apply their critical thinking skills to solve complex issues impacting food and nutritional sciences.
- Demonstrate effective communication skills through project and dissertation work and conference presentations.
- Conduct research or undertake advanced projects in an area of food and nutritional sciences,
- Be active and effective leaders in their professional societies and will demonstrate and model disciplinary expertise.

Degree Requirements

Total credit hours: 65 (post baccalaureate)

- Core courses (15 credits)
- Seminar (2 credits)
- Dissertation (12 credits)
- Supervised Teaching/Professional Development (3 credits)
- Pass qualifying exam, preliminary exam, and dissertation defense
- In consultation with advisor, take 18 credit hours within food science or human nutrition (**FCS 600 – 999**)
- In consultation with the advisor, take 15 credit hours of additional elective courses relevant to research area**

****Students who did not take a statistics course within their Master's Degree program will take an introductory statistics class in lieu of one Elective Area course. ****