Master of Science in Nutrition & Food Systems

Graduate students will learn how food systems impact diet and wellness, while discovering evidence-based strategies to improve the health of individuals and communities. In addition to core course work, students plan a focused program of study to design, implement, analyze and complete their research.

REQUIRED COURSE WORK (15 HOURS TOTAL)
- DHN 600: Research Methods in Nutrition and Food Systems
- DHN 603: Advanced Community Program Development
- DHN 605: Food Systems and Society
- DHN 608: Chronic Disease Management and Process
- DHN 774: Seminar in Nutrition and Food Systems

SUGGESTED ELECTIVES (9-15 HOURS TOTAL)
- College of Public Health (CPH)
- Kinesiology and Health Promotion (KHP)
- Community and Leadership Development (CLD)
- Communications, Journalism and Telecommunications (CJT)

DIRECTOR OF GRADUATE STUDIES
Department of Dietetics and Human Nutrition
Dr. Alison Gustafson
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859.257.1309

visit our website for program and application information
HTTPS://DHN-HES.CA.UKY.EDU
### Example of Course Work, 4 Semesters - FALL start

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### Example of Course Work, 4 Semesters - SPRING start

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### DHN 600 Research Methods in Nutrition and Food Systems (3)
Covers accepted research methodologies and scientific approaches in human nutrition and food systems. The course emphasizes research methods, study design, data collection and evaluation of various nutrition related studies.

### DHN 603 Advanced Community Program Development (3)
Focuses on the theory, practice, and evaluation of community programs to improve quality of life. Students will learn how to effectively plan, develop, and evaluate community programs and strategies to promote healthy eating, active living and a sustainable environment.

### DHN 605 Food Systems and Society (3)
Tracks food from farm to table, including growing, harvesting, processing, packaging, transporting, marketing, consumption and disposal. The course assesses sustainability of food systems and explores the ethical, economical, socio-ecological and environmental factors that affect local, regional, national and global food system development.

### DHN 608 Chronic Disease Management and Process (3)
Focuses on the etiology and pathophysiology of nutrition-related chronic diseases and conditions, including obesity, hypertension, dyslipidemia, heart disease, diabetes and cancer. The course emphasizes the biochemical and physiological mechanisms involved by which nutrients impact the prevention, nutrition care process-diagnosis, assessment, implementation of care, monitoring and evaluation, and progression of chronic diseases and conditions.

### DHN 774 Seminar in Nutrition and Food Systems (3)
Covers the latest in nutrition and food systems research. Students will apply their knowledge of effective scientific communication, responsible conduct of research, and methods and technologies in nutrition and food systems.

*The College of Agriculture, Food and Environment is an Equal Opportunity Organization.*

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