

NUTRITION AND FOOD SCIENCES

<http://www.uvm.edu/nfs/>

OVERVIEW

The mission of the Nutrition and Food Science department is to foster the intellectual and professional growth of our students through engaged teaching, innovative instruction, and community-based applied learning opportunities. We conduct research that contributes to the public good by advancing knowledge in weight inclusive nutrition; safe and innovative foods; food security and food agency; and sustainable food systems.

DEGREES

Nutrition and Food Sciences AMP

Nutrition and Food Sciences M.S.

FACULTY

Belarmino Morgan, Emily; Assistant Professor, Department of Nutrition and Food Sciences; PHD, London School of Hygiene and Tropical Medicine

Bertmann, Farryl; Senior Lecturer, Department of Nutrition and Food Sciences; PHD, Arizona State University

Etter, Andrea J.; Assistant Professor, Department of Nutrition and Food Sciences; PHD, Purdue University

Guo, Ming Ruo; Professor, Department of Nutrition and Food Sciences; PHD, University College Cork

Niles, Meredith; Assistant Professor, Department of Nutrition and Food Sciences; PHD, University of California-Davis

Pope, Lizzy; Assistant Professor, Department of Nutrition and Food Sciences; PHD, University of Vermont

Trubek, Amy B.; Professor, Department of Nutrition and Food Sciences; PHD, University of Pennsylvania

Courses

NFS 5245. Nutrition for Global Health. 3 Credits.

Exposes students to global nutrition issues, with an emphasis on maternal and child nutrition in low- and middle-income countries. Focus on the interplay between demographic, nutritional, and epidemiologic transitions. Examines nutrition issues and investigates efforts to control and prevent malnutrition. Prerequisites: NFS 1043; NFS 2113, NFS 2114, FS 2030, or ANTH 2191; or Instructor permission. Co-requisite: Minimum Junior standing. Catamount Core: GC1.

NFS 5253. Food Regulation. 3 Credits.

Comprehensive examination of US food laws and regulations and their relationships to the safety of the US food supply. Focus on how food-related laws and regulations are enacted and enforced, through detailed examination of selected food regulation topics. Prerequisite: NFS 2153 or equivalent course/training with Instructor permission.

NFS 5254. Global Food Safety. 3 Credits.

An overview of food safety issues, policies, and opportunities around the globe, with a focus on bacterial, viral, and parasite-based food safety challenges. Prerequisites: NFS 2153, NFS 2156; or NFS 2156, NFS 3203; or MMG 2010 and either NFS 2153 or NFS 2156.

NFS 5285. Food, Exchange and Culture. 3 Credits.

Examines practices and principles that cannot be fully understood within market based, industrially manufactured and/or globally sourced food and drink. These practices and principles shape food systems at the level of individual behavior and social institutions, including reciprocity, subsistence, charity, mutual aid and more. Prerequisites: NFS 1053 or ANTH 1140; NFS 2113 or ANTH 2152.

NFS 5990. Special Topics. 1-18 Credits.

See Schedule of Courses for specific titles.

NFS 6100. MSD Journal Club. 2 Credits.

Critical review of current scientific, peer-reviewed literature, student-led facilitated discussions, abstract writing on topics related to nutrition, sustainable food systems, hunger and food insecurity, health promotion, chronic disease prevention and management. Prerequisite: Master of Science in Dietetics student.

NFS 6110. Supervised Practice I. 4 Credits.

Through lecture, discussion, presentations, and practical experience, students develop competencies in clinical dietetics, community nutrition, and food service management. Prerequisite: Master of Science in Dietetics student.

NFS 6120. Supervised Practice II. 4 Credits.

Through lecture, discussion, presentations, and practical experience, students develop competencies in clinical dietetics, community nutrition, and food service management. Prerequisite: Master of Science in Dietetics student.

NFS 6130. Evidence-based Practice Prjct. 2 Credits.

On site identification, review of literature for background and possible solutions, data collection and analysis, and writing and presenting the results and conclusions of a research problem. Pre/co-requisites: Successful completion of the first year of the Master of Science in Dietetics program.

NFS 6350. Nutrition&Food Science Seminar. 1 Credit.

NFS 6362. Intro to Research Methods. 3 Credits.

Basic introduction to research methods at the Master's level, including formulation of a research question and hypothesis, literature searching and preparation of a literature review, analytical methods and experimental design, data analysis and presentation, and journal article publication.

NFS 6391. Master's Thesis Research. 1-15 Credits.

Final research thesis under the direction of a graduate faculty mentor.

NFS 6392. Master's Project Research. 1-6 Credits.

Final project under the direction of a graduate faculty mentor. Prerequisite: Nutrition & Food Sciences non-thesis student; Instructor permission.

NFS 6990. Special Topics. 1-18 Credits.

See Schedule of Courses for specific titles.

NFS 6991. Internship. 1-18 Credits.

On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

NFS 6993. Independent Study. 1-18 Credits.

A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

NFS 6994. Teaching Assistantship. 1-3 Credits.

Student service as a teaching assistant, usually in an introductory-level course in the discipline, for which credit is awarded. Offered at department discretion.

NFS 6995. Graduate Independent Research. 1-18 Credits.

Graduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.