NUTRITION AND FOOD SCIENCES

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

OVERVIEW

The vision of the Nutrition and Food Sciences Department at the University of Vermont is to be a leading academic department of excellence in nutrition and food sciences. We conduct research that contributes to the public good by advancing knowledge in inclusive nutrition; safe and innovative foods, food security and food agency; and sustainable nutrition and food sciences. In our teaching, research and outreach we seek to improve health outcomes, to advance sustainable food and nutrition practices and to minimize environmental cost.

DEGREES

Nutrition and Food Sciences AMP

Nutrition and Food Sciences M.S.

FACULTY

Belarmino, 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
Bhurosy, Trishnee; Assistant Professor, Department of Nutrition and Food Science; PHD, Indiana University School of Public Health-Bloomington
Etter, Andrea J.; Assistant Professor, Department of Nutrition and Food Sciences; PHD, Purdue University
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
Skinner, R. Chris; Assistant Professor, Department of Nutrition and Food Science; PHD, West Virginia University
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 5990. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

NFS 6000. Social & Behavioral Nutrition. 3 Credits.
Examines health from a psycho-social and social ecologic framework, examining how individual and interpersonal factors interact to influence health. Health education and health promotion theories will also be discussed, and their application to public interventions that aim to modify one or more levels of the social ecologic model will be analyzed using examples from the published literature.

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. 1-18 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.