

FOOD SYSTEMS

OVERVIEW

Food Systems is an exciting and flourishing domain of inquiry, one that looks at the complex and interdependent relationships between humans and their food - everything from microbes found in compost facilities to global trade agreements.

Always keeping in mind that food systems are evolving and dynamic, our curriculum integrates social science, humanities and natural science approaches to understanding connections among vital interests of humanity in creating nourishment, pursuing health and well-being and sustaining the environment.

The program draws from over thirty UVM faculty members with primary affiliations in fifteen departments extended across four colleges. The program curriculum integrates humanities, social and natural science approaches to understanding complex and interdependent food systems of varying scope and scale.

Students examine key issues in our contemporary food system through:

- Collaborate with community partners on a variety of food systems problems and solutions
- Engage in experiential education from farm-to-plate, in the field and in the laboratory
- Integrate ideas and knowledge using a transdisciplinary approach

DEGREES

- Food Systems AMP
- Food Systems M.S.
- Food Systems Ph.D.

FACULTY

Barlow, John W.; Assistant Professor, Department of Animal Science; DVM, University of Illinois Urbana-Champaign

Bartlett, Robert, V.; Professor, Department of Political Science; PHD, Indiana University Bloomington

Berlin, Linda; Extension Assistant Professor, Department of Nutrition and Food Sciences; PHD, Tufts University

Berman, Elizabeth; Associate Library Professor, Department of Information and Instruction Services; MLIS, University of Wisconsin

Blevins, Lynn; Assistant Professor, College of Medicine, MD, Medical College of Virginia

Bose, Pablo Shiladitya; Assistant Professor, Department of Geography; PHD, York College

Conner, David S.; Assistant Professor, Department of Community Development and Applied Economics; PHD, Cornell University

DeWitt, Rocki-Lee; Professor, School of Business Administration; PHD, Columbia University

Donnelly, Catherine Wright; Professor, Department of Nutrition and Food Sciences; PHD, North Carolina State University Raleigh;

Fanslow, Yolanda H. Chen; Assistant Professor, Department of Plant and Soil Science; PHD, University of California Berkeley

Garnett, Bernice Raveche; Assistant Professor, Department of Education; ScD, Harvard University

Greenwood, Sabrina Louise; Assistant Professor, Department of Animal Science; PHD, University of Guelph

Harvey, Jean Ruth; Professor, Department of Nutrition and Food Sciences; PHD, University of Pittsburgh

Heiss, Sarah Noel; Assistant Professor, Department of Community Development and Applied Economics; PHD, Ohio University;

Graduate Program Affiliation(s): Community Development and Applied Economics

Hurley, Stephanie E.; Assistant Professor, Department of Plant and Soil Science; DDES, Harvard University; Graduate Program Affiliation(s): Plant and Soil Science

Inwood, Shoshanah Miriam; Assistant Professor, Department of Community Development and Applied Economics; PHD, Ohio State University

Johnson, Rachel K.; Professor, Department of Nutrition and Food Sciences; PHD, Pennsylvania State University

Kindstedt, Paul Stephen; Professor, Department of Nutrition and Food Sciences; PHD, Cornell University

Koliba, Christopher J.; Professor, Department of Community Development and Applied Economics; PHD, Syracuse University

Kolodinsky, Jane Marie; Professor, Department of Community Development and Applied Economics; PHD, Cornell University

Kornbluh, Felicia A.; Associate Professor, Department of History; PHD, Princeton University

Kraft, Jana; Assistant Professor, Department of Animal Science; PHD, University of Jena

Mares, Teresa Marie; Assistant Professor, Department of Anthropology; PHD, University of Washington

Mendez, Victor E.; Associate Professor, Department of Plant and Soil Science; PHD, University of California Santa Cruz

Merrill, Scott; Research Assistant Professor, Department of Plant and Soil Science, PHD, Colorado State University

Morse, Cheryl E.; Assistant Professor, Department of Geography; PHD, University of British Columbia

Neher Weicht, Deborah; Professor, Department of Plant and Soil Science; PHD, University of California Davis

Niles, Meredith; Assistant Professor, College of Agriculture and Life Sciences; PHD, University of California-Davis

Parker, Jason; Research Assistant Professor, Department of Plant and Soil Science; PHD, Ohio State University

Parsons, Robert L.; Extension Professor, Department of Community Development and Applied Economics; PHD, Virginia Polytechnic Institute and State University

Pope, Elizabeth; Assistant Professor, College of Agriculture and Life Sciences; PHD, RD, Cornell University, Ithaca

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

van den Berg, Abby Katrien; Research Assistant Professor, Department of Plant Biology; PHD, University of Vermont

Wang, Qingbin; Professor, Department of Community Development and Applied Economics; PHD, Iowa State University
Zia, Asim; Associate Professor, Department of Community Development and Applied Economics; PHD, Georgia Institute of Technology; Graduate Program Affiliation(s): Community Development and Applied Economics, Complex Systems, Computer Science, Public Administration

Courses

FS 321. Econ of Sustainable Food Syst. 3 Credits.

Utilizes common economic tools, ideas and application to analyze issues concerning the sustainability of food systems, using a combination of readings, lectures and discussions. Prerequisite: Graduate standing. Cross-listed with: CDAE 321.

FS 335. Qualitative Research Methods. 3 Credits.

This course provides an overview of qualitative research methods and an opportunity to apply such research methods for topics focusing on food systems and health.

FS 340. Food Systems, Science & Policy. 3 Credits.

This course examines key questions being asked about our contemporary food system by examining natural and life sciences scholarship and the applications for public policy.

FS 345. SU:Food Systems, Soc & Policy. 3 Credits.

This course examines key questions being asked about our contemporary food systems by examining social science and humanities scholarship and the applications for public policy.

FS 350. Food Systems Application Sem. 3 Credits.

This problem-based course uses current issues in Vermont's food system to explore systems complexity, emergence and interdependence. Pre/co-requisites: FS 340, FS 345.

FS 351. Professional Development Sem.. 1 Credit.

This seminar will prepare students to successfully navigate the graduate school experience.

FS 352. Research Design Seminar. 1 Credit.

The Research Design Seminar will develop the students' abilities to conduct academic research and formulate a relevant study design with an emphasis on mixed-methods.

FS 355. Ethics and the Food System. 3 Credits.

Focus on certain food ethics issues. The in-depth consideration of these issues will build philosophical skills as well as knowledge as to the interdependence and interconnection of the food system. Prerequisite: Instructor permission only.

FS 360. Dissertation Writing Seminar. 1 Credit.

This seminar will prepare students to successfully navigate the dissertation process. The course serves as a PhD competency.

FS 390. Internship. 1-18 Credits.

An 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.

FS 391. Master's Thesis Research. 1-18 Credits.

FS 392. Master's Project Research. 1-12 Credits.

Food Systems Professional Track students are required to complete a final project. Students will design a project that must be approved by the Project Faculty Committee.

FS 393. 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.

FS 395. Special Topics. 1-18 Credits.

See Schedule of Courses for specific titles.

FS 396. Special Topics. 1-18 Credits.

See Schedule of Courses for specific titles.

FS 491. Doctoral Dissertation Research. 1-12 Credits.

Research requirement (up to 30 research credits) for Food Systems PhD students.