

Food Science and Related Graduate Courses by Area of Specialization

Food Chemistry, Structure and Function

3.0 CR	F&N 534	Human Sensory Systems and Food Evaluation
1.0 CR	FS 530	Food Ingredient Technology
1.0 CR	FS 541	Postharvest Technology of Fruit & Vegetables
3.0 CR	FS 591	Water-Solid Interactions
2.0 CR	FS 591	Advanced Analytical Techniques in Agriculture
1.0 CR	FS 591	Food Enzymes
1-3 CR	FS/F&N 609	Food Lipids
3.0 CR	FS/F&N 610	Food Proteins
3.0 CR	FS/F&N 630	Carbohydrates
2.0 CR	FS 632	Laboratory in X-ray Fiber Diffraction
1.0 CR	FS 650	Food Chemistry
1.0 CR	FS 651	Food Analysis
2.0 CR	FS 690	Polysaccharide Analysis
2.0 CR	FS 690	Conformation of Polysaccharides

Foods for Health

3.0 CR	ANSC 620	Proteins & Amino Acids in Nutrition
4.0 CR	F&N 605	Nutritional Biochemistry & Physiology I
2.0 CR	F&N 606	Nutritional Biochemistry & Physiology II
2.0 CR	F&N 607	Nutritional Biochemistry & Physiology III
2.0 CR	FS 591	Functional Foods
1.0 CR	FS 652	Nutritional Sciences
3.0 CR	FS 690	Phytochem: Biochemistry & Physiology

Food Safety and Microbiology

2.0 CR	FS 564	Food Fermentation
3.0 CR	FS 565	Microbial Foodborne Pathogens
2.0 CR	FS 566	Microbial Techniques for Food Pathogens
3.0 CR	FS 591	Food Sanitation
1.0 CR	FS 591	Food Biotechnology
1.0 CR	FS 653	Food Microbiology
1.0 CR	FS 660	Intestinal Microbiology & Immunology
1.0 CR	FS 690	Atomic Force Microscopy of Biological Systems

Food Processing and Technology Development

3.0 CR	ABE 555	Biological and Food Processing Unit Operations
4.0 CR	ABE 556	Biological and Food Process Design
3.0 CR	FS 591	Emerging Technologies for Food Processing
2.0 CR	FS 591	Better Process Control
1.0 CR	FS 640	Aseptic Processing Technologies
2.0 CR	FS 654	Food Processing & Packaging

General

1-5 CR	FS 590	Special Problems
1-3 CR	FS 591	Special Topics
2.0 CR	FS 620	Scientific Writing
1.0 CR	FS 655	Case Study
1.0 CR	FS 684	Food Science Seminar
1-3 CR	FS 690	Special Topics in Food Science
1.0 CR	FS 690	Product Development
1-3 CR	FS 690	Homeland Security Simulation
1.0 CR	FS 697	Supervised Teaching in Food Science (Ph.D. only)
1-18 CR	FS 698	Research, M.S. Thesis
1-18 CR	FS 699	Research, Ph.D. Thesis