

**FOOD SCIENCE AND NUTRITION DEPARTMENT
TENTATIVE COURSE OFFERINGS FOR 2019-20 ACADEMIC YEAR**

Not all courses listed below are required

Courses that are listed below in BLUE FONT are for the 2019-20 Catalog. If you do not plan to change to the new catalog but are interested in taking these classes, please contact Cathy Bartholomew or Bree Hugins.

Course #	Course Title	Units	SU19	F19	W20	SP20	Prerequisites
FSN 101-01	Orientation to the Nutrition Major	1		X			
FSN 101-02	Orientation to the Food Science Major	1		X			
FSN 121	Fundamentals of Food	4		X	X	X	
FSN 125	Introduction to Food Science	4		X			
FSN 200	Special Problems for Undergraduates	1-4		X	X	X	Instructor consent
FSN 204	Food Processing Operations	4			X		FSN 125 or FSN 230
FSN 210	Nutrition (Fulfills GE B5)	4	X	X	X	X	
FSN 230	Elements of Food Processing	4			X	X	For non-FDSC majors only
FSN 244	Cereal and Bakery Science - will not be offered in 2019-20 AY	4					FSN 125 or FSN 230
FSN 250	FSN 250 Food and Nutrition: Customs and Culture (Fulfills GE Area D4; GE Area E; USCP)	4	X	X	X	X	
FSN 275	Elements of Food Safety	4		X			For non-FDSC majors only
FSN 281	Writing in Nutrition Science	2		X	X	X	Completion of GE Area A1 and A3 with grades of C- or better; and FSN 210
FSN 304	Advanced Culinary Principles and Practice	4				X	CHEM 127 and FSN 121
FSN 310	Maternal and Child Nutrition	4		X	X	X	FSN 210; Junior standing
FSN 311	Sensory Evaluation of Food	4			X		FSN 125 or FSN 230; and STAT 218 Recommended: STAT 314
FSN 315	Nutrition in Aging	4		X	X	X	FSN 210; Sophomore standing
FSN 319	Food Technology for the Consumer (Fulfills GE Area B7 or GE Area F)	4		X	X	X	Junior standing; completion of GE Area A with grades of C- or better; completion of GE Area B1 with a grade of C- or better in at least one of the courses; and completion of GE Areas B2, B3, and B4
FSN 321	Contemporary Issues in Food Choice & Preparation	4		X	X		FSN 121 and FSN 210; Sophomore standing
FSN 328	Nutrient Metabolism I (combined section with FSN 331)	4		X		X	BIO 161; CHEM 313 or CHEM 371; FSN 210; and junior standing
FSN 329	Nutrient Metabolism II (old catalog offering, replaced with FSN 332 and 333)	4		X	X		FSN 328
FSN 330	Introduction to Principles of Food Engineering	4		X			FSN 125; Math 118 or equivalent; and PHYS 121
FSN 331	Macronutrient Metabolism (combined section with FSN 328)	4		X	X	X	Junior standing; BIO 161; FSN 210; and CHEM 313 or CHEM 371
FSN 332	Micronutrient Metabolism	4			X	X	FSN 331
FSN 333	Nutrient Metabolism Lab	1			X	X	FSN 328 or FSN 331. Corequisite: FSN 332
FSN 334	Food Packaging	3				X	FSN 125 and FSN 204
FSN 335	Food Quality Assurance	4		X			Junior standing; FSN 125 or FSN 230; and STAT 218. Recommended: STAT 314
FSN 341	Fermented Foods - will not be offered in 2019-20 AY	4					Junior standing & completion of GE Area B
FSN 342	Brewing Science - will not be offered in 2019-20 AY	4					MCRO 221 and CHEM 313
FSN 343	Foodservice Operations I	3		X	X		FSN 121; Junior standing
FSN 344	Foodservice Operations II	4			X	X	FSN 321; FSN 343
FSN 346	Brewing Methods - will not be offered in 2019-20 AY	3					FSN 342
FSN 354	Packaging Function in Food Processing	3				X	Junior standing (non-FDSC majors)
FSN 364	Food Chemistry	4		X			FSN 125 or FSN 230; CHEM 313
FSN 368	Food Analysis	4			X		FSN 364
FSN 370	Food Plant Sanitation & Prerequisite Programs	4			X		FSN 204; MCRO 221
FSN 374	Food Laws and Regulations	4		X	X		FSN 125 or FSN 230 or WWIT 102.
FSN 375	Food Safety (previously FSN 275)	4				X	FSN 370
FSN 381	Critical Evaluation of Nutrition Research (previously FSN 420)	4		X	X	X	FSN 281 and STAT 218. Corequisite: FSN 329 or FSN 332
FSN 400	Special Problems for Advanced Undergraduates	1-4		X	X	X	Instructor consent
FSN 405	Advanced Sports Nutrition & Exercise Metabolism - will not be offered in 2019-20 AY	4					FSN 328 or FSN 331
FSN 408	Food Composition Science and Product Development	4		X		X	FSN 311, FSN 368, Senior standing
FSN 410	Nutritional Implications of Food Industry Practices - will not be offered in 2019-20 AY; FSN 341 serves as blanket substitution	4					FSN 210, FSN 125 or 230; Junior standing

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Course #	Course Title	Units	SU19	F19	W20	SP20	Prerequisites
FSN 415	Nutrition Education and Communications	4		X	X		FSN 328 or FSN 331; & Senior standing; Corequisite: FSN 329; or FSN 332 and FSN 333
FSN 416	Community Nutrition	4		X		X	FSN 310; FSN 315; FSN 328 or FSN 331; and Senior standing. Corequisite: FSN 415
FSN 417	Nutrition Counseling	4			X	X	Senior standing, PSY 201/202; Corequisite: FSN 415
FSN 426	Food Systems Management	4		X		X	FSN 344
FSN 429	Clinical Nutrition I (old catalog offering, replaced with FSN 431 and 432)	4		X	X		BIO 231 (Formerly ZOO 231, ZOO 331 equivalent); BIO 232 (Formerly ZOO 232, ZOO 332 equivalent) & senior standing; corequisite: FSN 329; Recommend FSN 310 and 315
FSN 430	Clinical Nutrition II (old catalog offering, replaced with FSN 433)	4		X	X	X	FSN 429; Recommend FSN 310 and 315
FSN 431	Medical Nutrition Therapy I	2		X	X		BIO 231. Corequisite: FSN 329; or FSN 332 and FSN 333
FSN 432	Medical Nutrition Therapy II	4			X	X	BIO 232; FSN 310; FSN 315; and FSN 431
FSN 433	Medical Nutrition Therapy III	4				X	FSN 432
FSN 444	Food Engineering	4			X		FSN 204 and FSN 330
FSN 461-01	(Nutrition) Senior Project I	3		X	X	X	FSN 329 or FSN 332 and FSN 333; FSN 381 (Nutrition majors only)
FSN 461-70	(Food Science) Senior Project I	3		X	X	X	Prerequisite: For FDSC majors: Senior standing; completion of GE Area A3 with a grade of C- or better; FSN 364; and STAT 218
FSN 462-70	(Food Science) Senior Project II	3		X	X	X	FSN 461
FSN 463	Professional Practice in Nutrition & Dietetics	2		X			Senior standing. Recommended: FSN 329 or FSN 332
FSN 474	Advanced Food Processing	4				X	FSN 444 and Senior standing
FSN 478	Senior Project Experiential Learning in Nutrition	2					FSN 381; Senior standing; and consent of instructor
FSN 479	Senior Project Advanced Topics	2					FSN 381; Senior standing; and consent of instructor
FSN 481	Advanced Nutrition Senior Project Scientific Writing	1					FSN 478 or FSN 479; and Senior standing
FSN 490	Food Safety Modernization Act: Human Food Safety - will not be offered in 2019-20 AY	2					Prerequisite: FSN 375
FSN 491	Food Safety Modernization Act: Produce Safety - will not be offered in 2019-20 AY	2					Prerequisite: FSN 375

GRADUATE 500-LEVEL COURSES**

FSN 500	Individual Study	1-6		X	X	X	Graduate standing, consent of supervising faculty member and graduate advisor.
FSN 505	Orientation to Food Science and Nutrition Graduate Studies	1		X			Graduate standing
FSN 508	Food Product Innovation - not offered in 2019-20 AY	4					FSN 408
FSN 516	Population Health and Epidemiology - not offered in 2019-20 AY	3					FSN 416 and Graduate standing
FSN 528	Biochemical and Molecular Aspects of Human Macronutrient Metabolism - not offered in 2019-20 AY	4					FSN 328 or FSN 331; and Graduate standing
FSN 529	Metabolic and Molecular Aspects of Vitamins - not offered in 2019-20 AY	2					FSN 329, or FSN 332 and FSN 333; and Graduate standing
FSN 530	Metabolic and Molecular Aspects of Minerals	2		X			FSN 329, or FSN 332 and FSN 333; and Graduate standing
FSN 564	Chemistry of Food Systems	4		X			FSN 364 or Graduate standing
FSN 575	Advanced Food Safety	4			X		FSN 375 or Graduate standing; and MCRO 421
FSN 581	Graduate Seminar in Food Science and Nutrition	1-3			X		Graduate standing or instructor consent
FSN 582	Current Nutrition Research	1			X	X	Graduate standing or instructor consent
FSN 599	Thesis	1-6		X	X	X	Graduate standing and consent of instructor

* = Offering is dependant on successful hires.

** = Offerings may vary next academic year