Food Science & Human Nutrition

FOOD SCIENCE MINOR

Requires a Minimum of 15 Credits

The UF/IFAS Food Science and Human Nutrition Department offers a minor specializing in Food Science. The Food Science minor is open to all students at the University of Florida. For those students with little science background, there are options listed below that have minimal prerequisites. Minimum grades of C and a minimum cumulative 2.5 GPA required for minor.

CHOOSE 15 CREDITS

(12 credits must be FOS/HUN)

*extensive science background needed

Course	Title	Credits	Semester	Prerequisites
FOS2001	Man's Food	3	F/S/SS-B	none
FOS3042	Introductory Food Science	3	F/S/SS-A	none
AOM4062	Principles of Food Engineering	4	F	MAC1147; 3 credits of physics
FOS4202	Food Safety and Sanitation	2	F	MCB2000/MCB2000L
*FOS4222	Food Microbiology	3	S	MCB2000 or MCB3020
*FOS4222L	Food Microbiology Lab	2	S	MCB2000L or MCB3020L
*FOS4311	Food Chemistry	3	S	CHM2200 or CHM2210/2211
*FOS4311L	Food Chemistry Lab	1	S	CHM2200L or CHM2211L; Coreq: FOS4311
*FOS4321C	Food Analysis	4	F	CHM2200/2200L or CHM2210/2211/2211L
*FOS4427C	Principles of Food Processing	4	S	FOS4311 or FOS4222 or AOM4062
FOS4722C	Quality Control in Food Systems	3	F	STA2023
FOS4731	Government Regulations and the Food Industry	2	S	FOS3042
*ALS4932	HAACP Systems (ANS)	2	S	ANS3006C/MCB2000
*FOS4936	General Special Topics	1-3	TBD	TBD
HUN2201	Fundamentals of Human Nutrition	3	F/S/SS-B	A Biology or Chemistry course
PKG3001	Principles of Packaging	3	F/S	none
PKG3103	Food Packaging	3	F	CHM2045

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NUTRITIONAL SCIENCES MINOR

Requires a Minimum of 15 Credits

The Nutritional Sciences minor provides students with an overview of the nutrients, nutrient requirements throughout the life cycle, and metabolic regulation of nutritional pathways. The Nutritional Sciences minor is open to all students, but is particularly appropriate for students majoring in biology, microbiology and cell science, or zoology; or students who are interested in professional programs in medicine, dentistry, and pharmacy. Minimum grades of C and a minimum cumulative 2.5 GPA required for minor.

REQUIRED COURSES FOR THE NUTRITIONAL SCIENCES MINOR

(10 credits required)

Course	Title	Credits	Semester	Prerequisites
HUN2201	Fundamentals of Human Nutrition	3	F/S/SS-B	One course in either chemistry or biology
HUN3403	Nutrition through the Life Cycle	2	F/S	HUN2201
HUN4221	Nutrition and Metabolism	3	S	BCH3025 or BCH4024; APK2105C or PCB4723C
HUN4445	Nutrition and Disease – Part I	2	F	HUN2201, Coreq: BCH3025 or BCH4024

ADDITIONAL COURSES FOR THE NUTRITIONAL SCIENCES MINOR

(5 credits required)

Course	Title	Credits	Semester	Prerequisites
HUN4446	Nutrition and Disease – Part II	3	S	HUN4445, Prereq: APK2105C or PCB4723C
HUN4905	Special Problems in Human Nutrition	1-3	F/S/SS-all	none
HUN4936	Nutrition Community Education in Health	2	S	HUN2201
HUN4936	Topics in Nutrition	1-3	F/S	TBA
HUN4936	Preventative Health	2	F	none
FOS3042	Introductory Food Science	3	F/S	none

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