

Food Science (MS)

Degree Requirements

Code	Title	Hours	Counts towards
Core Courses		12	
Select six hours of coursework listed under "Core Courses" approved in conjunction with the academic committee			
Select an additional six hours of coursework listed under either "Core Courses" or "Elective Courses" approved in conjunction with the academic committee			
Supervised Teaching Course		1	
FS 685	Master's Supervised Teaching		
Seminar Course		1	
FS 780	Seminar In Food Science		
Additional Courses		10	
"Additional Courses" will be determined in conjunction with the academic committee ¹			
Research Course		6	
FS 695	Master's Thesis Research ²		
Total Hours		30	

¹ "Additional Courses" may include FS courses, optional minor courses, and/or interdisciplinary courses.

² Up to 6 credits of FS 695 Master's Thesis Research may be used toward the 30 total hours.

Core Courses

Code	Title	Hours	Counts towards
Select courses from at least two categories below:			
Chemistry-Biochemistry			
FS 567	Sensory Analysis of Foods	3	
Engineering			
FS 741	Thermal Processing of Foods	3	
Microbiology			
FS 540	Food Safety and Public Health	3	
FS 725	Fermentation Microbiology	3	
Nutrition			

FS 501	Advanced Nutrition and Metabolism	3
FS 555	Exercise Nutrition	3
NTR 701	Protein and Amino Acid Metabolism	3
NTR 706	Vitamin Metabolism	3
NTR 708	Energy Metabolism	3
NTR 775	Mineral Metabolism	3
Processing Technology		
FS 516	Quality Control in Food and Bioprocessing	3
FS 522	Food Packaging	3
FS 530	Post-Harvest Food Safety	3
FS 535	Food Safety Management Systems	3
FS 751		4

Elective Courses

Code	Title	Hours	Counts towards
FS 520	Pre-Harvest Food Safety	3	
FS 526	Upstream Biomanufacturing Laboratory	2	
FS 550	Food Industry Study Tour	2	
FS 554	Lactation, Milk, and Nutrition	3	
FS 557	Nutraceuticals and Functional Foods	3	
FS 562	Postharvest Physiology	3	
FS 580	Professional Development and Ethics in Food Safety	1	

Additional courses may be selected in conjunction with the academic committee

Full Professors

Jonathan C. Allen

Kenneth E. Anderson

Rodolphe Barrangou

Frederick Breidt

Benjamin James Chapman

Lisa Louise Dean

Mary Anne Drake

Lora Suzanne Goodell

Scott A. Hale

Gabriel Keith Harris

Hosni Moustafa Hassan

Lee-Ann Jaykus

Sophia Kathariou

Saad A. Khan

Colin David Kay

Mary Ann Lila

K. P. Sandeep

John Douglas Sheppard

Josip Simunovic

Nicola Singletary

Adjunct Faculty

Pablo Marcelo Coronel

Jack Parker Davis

Brian E. Farkas

Mario Giovanni Ferruzzi

William Ronald Aimutis Jr.

Katherine Patterson Maloney

Tawanda Muzhingji

Shengmin Sang

Associate Professors

April Fogleman

Dana J. Hanson

Suzanne Dunn Johanningsmeier

Slavko Komarnytsky

Andrew Peter Neilson

Ilenys Muniz Perez-Diaz

Clinton Dale Stevenson

Assistant Professors

Alexander Vladimirovich Chouljenko

Lynette Marie Johnston

Marvin Leonel Moncada Reyes

Deepti Arvind Salvi

Ondulla Tyvette Toomer

Minliang Yang

Haotian Zheng

Practice/Research/Teaching Professors

Fernanda Bottaro de Oliveira Santos