

# Food Science (MR)

## Degree Requirements

Code	Title	Hours	Counts towards
<b>Core Courses</b>		<b>12</b>	
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			
<b>Seminar Course</b>		<b>1</b>	
FS 780	Seminar In Food Science		
<b>Additional Courses</b>		<b>17</b>	
"Additional Courses" are approved in conjunction with the academic committee			
<b>Internship / Research Course</b>		<b>6</b>	
FS 620	Special Problems In Food Science		
or FS 693	Master's Supervised Research		
<b>Total Hours</b>		<b>36</b>	

\* "Additional Courses" may include FS courses and/or interdisciplinary courses.

## Core Courses

Code	Title	Hours	Counts towards
<b>Select courses from at least two categories below:</b>		<b>12</b>	
<b>Chemistry-Biochemistry</b>			
FS 567	Sensory Analysis of Foods	3	
<b>Engineering</b>			
FS 741	Thermal Processing of Foods	3	
<b>Microbiology</b>			
FS 540	Food Safety and Public Health	3	
FS 725	Fermentation Microbiology	3	
<b>Nutrition</b>			
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
<b>Processing Technology</b>		
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	Food Ingredient Technology In Product Development	4

## Elective Courses

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

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

Colin David Kay

Saad A. Khan

Mary Ann Lila

K. P. Sandeep

John Douglas Sheppard

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## Associate Professors

April Fogleman

Dana J. Hanson

Suzanne Dunn Johanningsmeier

Slavko Komarnytsky

Andrew Peter Neilson

Ilenys Muniz Perez-Diaz

Clinton Dale Stevenson

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## Assistant Professors

Alexander Vladimirovich Chouljenko

Lynette Marie Johnston

Marvin Leonel Moncada Reyes

Deepti Arvind Salvi

Ondulla Tyvette Toomer

Minliang Yang

Haotian Zheng

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## Practice/Research/Teaching Professors

Fernanda Bottaro de Oliveira Santos

Josip Simunovic

Nicola Singletary

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## Emeritus Faculty

Sarah Liberman Ash

Leonard W. Aurand

Hershell R. Ball Jr

Leon Carl Boyd

Roy E. Carawan

Daniel E Carroll Jr

George L. Catignani

Patricia Ann Curtis

Edward Allen Foegeding

David Patrick Green

Max E. Gregory

Victor A. Jones

Carolyn Jean Lackey

Tyre C. Lanier

Duane K. Larick

Roger Floyd McFeeters

James Leslie Oblinger

John Eual Rushing

Timothy H. Sanders

Steven J. Schwartz

Brian W. Sheldon

Harold E. Swaisgood

Kenneth R. Swartzel

Van-Den Truong

Lynn G. Turner

William M. Walter

Donn R. Ward

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## Adjunct Faculty

Pablo Marcelo Coronel

Jack Parker Davis

Brian E. Farkas

Mario Giovanni Ferruzzi

William Ronald Aimutis Jr.

Katherine Patterson Maloney

Tawanda Muzhingi

Shengmin Sang