

Food Science (MR)

Degree Requirements

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

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

Core Courses

Code	Title	Hours
Select courses from at least two categories below:		12
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
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

Degree Requirements

Code	Title	Hours
Required Courses		5-10
FS 553	Food Laws and Regulations	
FS 620	Special Problems In Food Science	
FS 780	Seminar In Food Science	
Food Science Electives		15
Select up to 15 credit hours from the Food Science Electives list below		
Business/Regulatory/Communications Electives		9-12
Select at least 9 credit hours from the Business/Regulatory/Communications electives list below		
Other electives		2-7
To meet the 36 hour credit requirement students can select additional electives from either elective list below to meet the 36 credit degree requirements. 400-Level courses in other departments are allowed up to 6 credits to meet the other elective requirement		
Total Hours		36

Food Science Electives

Code	Title	Hours
Food Science Electives		
Students must select at least 15 credit hours from the course list below		
FS 501	Advanced Nutrition and Metabolism	3
FS 502	Chemistry of Food and Bioprocessed Materials	4
FS 505	Food Microbiology	3
FS 506	Food Microbiology Lab	2
FS 516	Quality Control in Food and Bioprocessing	3
FS 520	Pre-Harvest Food Safety	3
FS 521	Food Preservation	3
FS 522	Food Packaging	3
FS 530	Post-Harvest Food Safety	3
FS 535	Food Safety Management Systems	3
FS 540	Food Safety and Public Health	3
FS 554	Lactation, Milk, and Nutrition	3
FS 555	Exercise Nutrition	3
FS 558	Food Toxicology	3
FS 562	Postharvest Physiology	3
FS 567	Sensory Analysis of Foods	3
FS 741	Thermal Processing of Foods	3

Business/Regulatory/Communications Electives

Code	Title	Hours
Business/Regulatory/Communications Electives		
Students must select at least 9 credit hours from the list below		
BUS 554	Project Management	3
COM 521	Communication and Globalization	3
COM 527	Seminar in Organizational Conflict Management	3
COM 530	Interpersonal Communication in Science and Technology Organizations	3
COM 556	Seminar In Organizational Communication	3
FS 580	Professional Development and Ethics in Food Safety	1
MBA 538	Women as Leaders	1
MBA 542	Supply Chain Logistics	3
MBA 555	Product Design and Development	4
MBA 561	Consumer Behavior	3
MBA 582	B Corp Clinic Sustainability Practicum	3
MIE 501	Strategic Management Foundations	3

Full Professors

Jonathan C. Allen

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Lisa Louise Dean

Mary Anne Drake

Lora Suzanne Goodell

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Gabriel Keith Harris

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Associate Professors

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Assistant Professors

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Practice/Research/Teaching Professors

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Nicola Singletary

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