

Food Safety (Certificate)

The Food Safety graduate certificate equips the food processing industry professionals with essential knowledge and skills to implement preventive control and hazard analysis measures, which can effectively mitigate microbiological, physical, and chemical hazards. This comprehensive certificate program focuses on fostering an understanding of overarching food safety principles, ensuring the development and production of safe, high-quality food products and ingredients. Graduates emerge prepared to navigate the complexities of food safety regulations and standards, safeguarding consumer health while maintaining industry excellence.

Admission Requirements

Applicants must have a BS/BA degree or equivalent four-year degree. Core courses for this program have a prerequisite of MB 251 General Microbiology/MB 252 General Microbiology Laboratory or equivalent microbiology course with lab.

Applicant Information

- **Delivery Method:** On-Campus, Online, Hybrid
- **Entrance Exam:** None
- **Interview Required:** None

Application Deadlines

Plan Requirements

Code	Title	Hours
Required Courses		7
FSA 580	Professional Development and Ethics in Food Safety	
Select 6 credits from the list below:		
FSA 520	Pre-Harvest Food Safety	
FSA 530	Post-Harvest Food Safety	
FSA 540	Food Safety and Public Health	
Elective Courses		5
Select 5 credits from the elective list below		
ANS 811	Safety and Ethics in Animal Science	
COM 538	Risk Communication	
FM 580	Feed and Ingrdient Quality Assurance	
FS 505	Food Microbiology	
FS 506	Food Microbiology Lab	
FS 516	Quality Control in Food and Bioprocessing	
FS 535	Food Safety Management Systems	
FS 553	Food Laws and Regulations	
FS 558	Food Toxicology	
FSA 520	Pre-Harvest Food Safety	
FSA 530	Post-Harvest Food Safety	
FSA 540	Food Safety and Public Health	
Total Hours		12

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

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

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 Muzhingi

Shengmin Sang