

Nutrition (MR)

Master's Degree Requirements

Code	Title	Hours
Required Courses		7
BCH 451	Principles of Biochemistry	
or NTR 501	Advanced Nutrition and Metabolism	
BCH 453/553	Biochemistry of Gene Expression	
or BCH 571	Regulation of Metabolism	
NTR 601	Master's Seminar	
Master's Core Courses		8
Select a minimum of eight credits from "Core Courses" listed below		
Practicum Course		4-6
Select one of the following courses:		
FM 594	Advanced Feed Mill Practicum	
NTR 624	Topical Problems In Nutrition	
NTR 693	Master's Supervised Research	
Elective Courses		15-17
"Elective Courses" that will be applied to reach 36 credit hours will be determined in conjunction with the academic advisor		
Total Hours ¹		36

¹ No more than 6 credit hours can be taken at the 400-level.

Core Courses

Code	Title	Hours
Select a minimum of three courses from the following:		8
BCH 553	Biochemistry of Gene Expression	3
BCH 571	Regulation of Metabolism	3
NTR 500	Principles of Human Nutrition	3
NTR 501	Advanced Nutrition and Metabolism	3
NTR 510	Maternal and Infant Nutrition	3
NTR 515	Comparative Nutrition	3
NTR 525	Feed Manufacturing Technology	3
NTR 550	Applied Ruminant Nutrition	3
NTR 554	Lactation, Milk, and Nutrition	3
NTR 555	Exercise Nutrition	3
NTR 557	Nutraceuticals and Functional Foods	3
NTR 561	Equine Nutrition	3
NTR 565	Advanced Canine and Feline Nutrition	3
NTR 594	Special Topics in Nutrition	1-6
NTR 701	Protein and Amino Acid Metabolism	3
NTR 706	Vitamin Metabolism	3
NTR 708	Energy Metabolism	3
NTR 764	Advances in Gastrointestinal Pathophysiology	3
NTR 775	Mineral Metabolism	3
NTR 790	Advanced Feed Formulation	3
NTR 794	Special Topics in Nutrition	1-6

Professional Science Master's Degree Requirements

Code	Title	Hours
Required Courses		6
BCH 451	Principles of Biochemistry	
or NTR 501	Advanced Nutrition and Metabolism	
BCH 453/553	Biochemistry of Gene Expression	
or BCH 571	Regulation of Metabolism	
Core Courses		8
Select a minimum of eight credits from "Core Courses" listed below		
Seminar Course		1
NTR 601	Master's Seminar	
Practicum Course		4-6
Select one of the following courses:		
FM 594	Advanced Feed Mill Practicum	
NTR 624	Topical Problems In Nutrition	
NTR 693	Master's Supervised Research	
PSM Courses		9
Select at least three courses from "PSM Courses" listed below		
Elective Courses		6-8
"Elective Courses" that will be applied to reach 36 credit hours will be determined in conjunction with the academic advisor		
Total Hours ¹		36

¹ No more than 6 credit hours can be taken at the 400-level.

Core Courses

Code	Title	Hours
Select a minimum of three courses from the following:		8
BCH 553	Biochemistry of Gene Expression	3
BCH 571	Regulation of Metabolism	3
NTR 500	Principles of Human Nutrition	3
NTR 501	Advanced Nutrition and Metabolism	3
NTR 510	Maternal and Infant Nutrition	3
NTR 515	Comparative Nutrition	3
NTR 525	Feed Manufacturing Technology	3
NTR 550	Applied Ruminant Nutrition	3
NTR 554	Lactation, Milk, and Nutrition	3
NTR 555	Exercise Nutrition	3
NTR 557	Nutraceuticals and Functional Foods	3
NTR 561	Equine Nutrition	3
NTR 565	Advanced Canine and Feline Nutrition	3
NTR 594	Special Topics in Nutrition	1-6
NTR 701	Protein and Amino Acid Metabolism	3
NTR 706	Vitamin Metabolism	3
NTR 708	Energy Metabolism	3
NTR 764	Advances in Gastrointestinal Pathophysiology	3
NTR 775	Mineral Metabolism	3

NTR 790	Advanced Feed Formulation	3
NTR 794	Special Topics in Nutrition	1-6

PSM Courses

Code	Title	Hours
Select at least three of the following courses: ¹		9
FS 535	Food Safety Management Systems	3
FS 553	Food Laws and Regulations	3
COM 521	Communication and Globalization	3
COM 525	Group/Team Communication	3
COM 527	Seminar in Organizational Conflict Management	3
COM 530	Interpersonal Communication in Science and Technology Organizations	3
BUS 590	Special Topics In Business Management	1-6
MBA 541	Supply Management	3
MBA 542	Supply Chain Logistics	3
MBA 576	Technology Entrepreneurship and Commercialization I	3
MBA 577	Technology Entrepreneurship and Commercialization II	3
MIE 501	Strategic Management Foundations	3

¹ The "PSM Courses" list is not an exclusive list.

Students can take any number of courses that relate to business, communication, or regulatory matters determined in conjunction with the academic committee.

Faculty

Full Professors

Jonathan C. Allen

Area of Research: Food, Bioprocessing and Nutrition Science

Vivek Fellner

Area of Research: Animal Science

Peter R. Ferket

Area of Research: Prestige Poultry Science

Suzie Goodell

Area of Research: Food, Bioprocessing and Nutrition Science

Jesse Lee Grimes

Area of Research: Prestige Poultry Science

Gabriel Keith Harris

Area of Research: Food, Bioprocessing and Nutrition Science

Sung Woo Kim

Area of Research: Animal Science

Mary Ann Lila

Area of Research: Food, Bioprocessing and Nutrition Science

Christian Maltecca

Area of Research: Animal Science

Jeannette A. Moore

Area of Research: Animal Science

Paul Edward Mozdziak

Area of Research: Prestige Poultry Science

Andrew Neilson

Area of Research: Food, Bioprocessing and Nutrition Science

Jack Odle

Area of Research: Animal Science

Edgar Orlando Oviedo-Rondon

Area of Research: Prestige Poultry Science

Shannon Elizabeth Phillips

Area of Research: Animal Science

Matt H. Poore

Area of Research: Animal Science

Muquarrab Quresh

Area of Research: Food, Bioprocessing and Nutrition Science - USDA

Paul David Siciliano

Area of Research: Animal Science

Eric VanHeugten

Area of Research: Animal Science

Associate Professors

Dara Bloom

Area of Research: Agriculture and Human Sciences

Natalie Cooke

Area of Research: Food, Bioprocessing and Nutrition Science

Adam Charles Fahrenholz

April Fogleman

Area of Research: Food, Bioprocessing and Nutrition Science

Lindsey Haynes-Maslow

Area of Research: Agriculture and Human Sciences

Massimo Iorizzo

Area of Research: Horticultural Science

Slavko Komarnytsky

Area of Research: Food, Bioprocessing and Nutrition Science

Virginia Carraway Stage

Giuseppe Valachhi

Area of Research: Animal Science

Assistant Professors

Kimberly Ange-VanHeugten

Area of Research: Animal Science

Basheerah Enahora

Michael V. Joseph

Area of Research: Animal Science

Arion Kennedy

Area of Research: Molecular and Structural Biochemistry

Ramon Malheiros

Carrie Pickworth

Area of Research: Animal Science

Ondulla Toomer

Area of Research: Food, Bioprocessing and Nutrition Science - USDA

Nicola Singletary

Area of Research: Food, Bioprocessing and Nutrition Science

Affiliate Professors

Katherine Patterson Maloney

Michael Martin

Anneke Moresco

Emeritus Faculty

Brenda P Alston-Mills

Sarah Liberman Ash

Leonard W. Aurand

Leon Carl Boyd

Leonard S Bull

Edward V. Caruolo

George L. Catignani

Joan Eisemann

Warren J Croom Jr

Jimmy Dale Garlich

Winston Murry Hagler

Raymond W. Harvey

William L Johnson

James R. Jones

James Arthur Knopp

Carolyn Jean Lackey

Jean-Marie Luginbuhl

Jacquelyn W. McClelland

Muquarrab Ahmed Qureshi

Steven J. Schwartz

Jason C. Shih

Jerry Spears

Harold E. Swaisgood

Lon Weidner Whitlow
