

Nutrition (MR)

Master's Degree Requirements

Code	Title	Hours	Counts towards
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	Counts towards
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 521	Life Cycle 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 785	Digestion and Metabolism in Ruminants	3	
NTR 790	Advanced Feed Formulation	3	
NTR 794	Special Topics in Nutrition	1-6	

Professional Science Master's Degree Requirements

Code	Title	Hours	Counts towards
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	Counts towards
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 521	Life Cycle 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 785	Digestion and Metabolism in Ruminants	3
NTR 790	Advanced Feed Formulation	3
NTR 794	Special Topics in Nutrition	1-6

PSM Courses

Code	Title	Hours	Counts towards
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 501	Strategic Management Foundations	3	
BUS 590	Special Topics In Business Management	1-6	
MBA 541	Supply Management	3	
MBA 542	Supply Chain Logistics	3	
MBA 543	Planning and Control Systems	3	

MBA 576 Technology Entrepreneurship and Commercialization I 3

MBA 577 Technology Entrepreneurship and Commercialization II 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

Kenneth E Anderson
Area of Research: Prestige Poultry Science

Patricia C. Dunn
Area of Research: Agriculture and Human Sciences

Joan Eisemann
Area of Research: Animal Science

Vivek Fellner
Area of Research: Animal Science

Peter R. Ferket
Area of Research: Prestige Poultry Science

Mario Ferruzzi
Area of Research: Food, Bioprocessing and Nutrition Science

Jesse Lee Grimes
Area of Research: Prestige Poultry 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

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

April Fogleman
Area of Research: Food, Bioprocessing and Nutrition Science

Suzie Goodell
Area of Research: Food, Bioprocessing and Nutrition Science

Gabriel Keith Harris
Area of Research: Food, Bioprocessing and Nutrition Science

Lindsey Haynes-Maslow
Area of Research: Agriculture and Human Sciences

Collin Kay
Area of Research: Food, Bioprocessing and Nutrition Science

Slavko Komarnytsky
Area of Research: Food, Bioprocessing and Nutrition Science

Andrew Neilson
Area of Research: Food, Bioprocessing and Nutrition Science

Giuseppe Valachhi
Area of Research: Animal Science

Assistant Professors

Kimberly Ange-VanHeugten
Area of Research: Animal Science

Natalie Cooke
Area of Research: Food, Bioprocessing and Nutrition Science

Kerim Eroglu
Area of Research: Molecular and Structural Biochemistry

Massimo Iorizzo
Area of Research: Horticultural Science

Michael V. Joseph
Area of Research: Animal Science

Arion Kennedy
Area of Research: Molecular and Structural Biochemistry

Arion Kennedy Midgett

Area of Research: Molecular and Structural Biochemistry

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

Emeritus Faculty

Brenda P Alston-Mills

Sarah Liberman Ash

Leonard W. Aurand

Leon Carl Boyd

Leonard S Bull

Edward V. Caruolo

George L. Catignani

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

Steven J. Schwartz

Jason C. Shih

Harold E. Swaisgood

Van-Den Truong

Lon Weidner Whitlow

Adjunct professors

Katherine Patterson Maloney

Muquarrab Ahmed Qureshi