Nutrition (MS)

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 of Science Core Courses		**8**
Select at least eight credits from "Core Courses" listed below		
Elective Courses		**15**
"Elective Courses" that will be applied to reach 30 credit hours will be determined in conjunction with the academic committee		
Thesis		**1-6**
NTR 695	Master's Thesis Research	
Total Hours [1]		**30**

[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

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

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

Affiliate Professors

Katherine Patterson Maloney

Michael Martin

Anneke Moresco