

Nutrition (PhD)

Degree Requirements

Code	Title	Hours	Counts towards
Required Courses			16
BCH 553	Biochemistry of Gene Expression		
	or BCH 571 Regulation of Metabolism		
NTR 701	Protein and Amino Acid Metabolism		
NTR 706	Vitamin Metabolism		
NTR 708	Energy Metabolism		
NTR 775	Mineral Metabolism		
NTR 801	Doctoral Seminar		
Non-NTR 700-level Course			3
The "Non-NTR 700-level Course" will be determined in conjunction with the academic committee			
PhD Core Courses			5
Select at least two courses from "Core Courses" listed below			
Doctoral Dissertation Research			1-9
NTR 895	Doctoral Dissertation Research		
Elective Courses			39-47
"Elective Courses" that will be applied to reach 72 credit hours will be determined in conjunction with the academic committee			
Total Hours			72

Core Courses

Code	Title	Hours	Counts towards
Select at least two courses from the following:			5
BCH 453/553	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	

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