

Nutrition (PhD)

Degree Requirements

Code	Title	Hours
Required Courses		16
BCH 553 or BCH 571	Biochemistry of Gene Expression 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
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

Abbreviation	Description
AHS	Agriculture and Human Sciences
ANS	Animal Science
BCH	Molecular and Structural Biochemistry
FBNS	Food, Bioprocessing and Nutrition Science
HS	Horticultural Science
PO	Prestige Poultry Science

Full Professors

Jonathan C. Allen (FBNS)
Kenneth E Anderson (PO)
Patricia C. Dunn (AHS)
Joan Eisemann (ANS)
Vivek Fellner (ANS)
Peter R. Ferket (PO)
Mario Ferruzzi (FBNS)
Jesse Lee Grimes (PO)
Sung Woo Kim (ANS)
Mary Ann Lila (FBNS)
Christian Maltecca (ANS)
Jeannette A. Moore (ANS)
Paul Edward Mozdziak (PO)
Jack Odle (ANS)
Edgar Orlando Oviedo-Rondon (PO)
Shannon Elizabeth Phillips (ANS)
Matt H. Poore (ANS)
Muquarrab Quresh (FBNS-USDA)
Paul David Siciliano (ANS)
Eric VanHeugten (ANS)

Associate Professors

Dara Bloom (AHS)
April Fogleman (FBNS)
Suzie Goodell (FBNS)
Gabriel Keith Harris (FBNS)
Lindsey Haynes-Maslow (AHS)
Collin Kay (FBNS)

Slavko Komarnytsky (FBNS)

Andrew Neilson (FBNS)

Giuseppe Valachhi (ANS)

Assistant Professors

Kimberly Ange-VanHeugten (ANS)

Natalie Cooke (FBNS)

Kerim Eroglu (BCH)

Massimo Iorizzo (HS)

Arion Kennedy (BCH)

Carrie Pickworth (ANS)

Ondulla Toomer (FBNS- USDA)

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