

# Nutrition (Minor)

## Master of Science Minor Plan Requirements

Code	Title	Hours	Counts towards
<b>Master's Core Courses *</b>		<b>8</b>	
Select at least three courses from "Master's Core Courses" listed below			
<b>Total Hours</b>		<b>8</b>	

### Master's Core Courses

Code	Title	Hours	Counts towards
<b>Select at least three courses from the following: *</b>		<b>8</b>	
BCH 453/553	Biochemistry of Gene Expression	3	
BCH 571	Regulation of Metabolism	3	
NTR 500	Principles of Human Nutrition	3	
NTR 401/501	Advanced Nutrition and Metabolism	3	
NTR 410/410	Maternal and Infant Nutrition	3	
NTR 415/415	Comparative Nutrition	3	
NTR 419	Human Nutrition and Chronic Disease	3	
NTR 420	Applied Nutrition Education	3	
NTR 421/521	Life Cycle Nutrition	3	
NTR 425/525	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

\* No more than three hours of 400-level coursework can be applied toward the 8 total hours

## Doctor of Philosophy Minor

Code	Title	Hours	Counts towards
<b>Required Courses</b>		<b>4</b>	
BCH 553	Biochemistry of Gene Expression		
	or BCH 571 Regulation of Metabolism		
NTR 801	Doctoral Seminar		
<b>Non-NTR 700-level Course</b>		<b>3</b>	
The "Non-NTR 700-level Course" will be determined in conjunction with the academic committee			
<b>PhD Core Courses</b>		<b>8</b>	
Select at least two courses from "PhD Core Courses" listed below			
<b>Total Hours</b>		<b>15</b>	

### PhD Core Courses

Code	Title	Hours	Counts towards
<b>Select at least three courses from the following:</b>			
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

## 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

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## 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

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## 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

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## 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

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## Adjunct professors

Katherine Patterson Maloney

Muquarrab Ahmed Qureshi