# Nutrition (PhD)

## Degree Requirements

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BCH 553</td>
<td>Biochemistry of Gene Expression</td>
<td></td>
<td>16</td>
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<tr>
<td></td>
<td>or BCH 571</td>
<td>Regulation of Metabolism</td>
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<tr>
<td></td>
<td>NTR 701</td>
<td>Protein and Amino Acid Metabolism</td>
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<td></td>
<td>NTR 706</td>
<td>Vitamin Metabolism</td>
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<td></td>
<td>NTR 708</td>
<td>Energy Metabolism</td>
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<td></td>
<td>NTR 775</td>
<td>Mineral Metabolism</td>
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<tr>
<td></td>
<td>NTR 801</td>
<td>Doctoral Seminar</td>
<td></td>
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<tr>
<td>Non-NTR 700-level Course</td>
<td></td>
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<td>3</td>
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</tbody>
</table>

The "Non-NTR 700-level Course" will be determined in conjunction with the academic committee.

### Core Courses

Select at least two courses from "Core Courses" listed below:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR 895</td>
<td>Doctoral Dissertation Research</td>
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</tbody>
</table>

### Elective Courses

"Elective Courses" that will be applied to reach 72 credit hours will be determined in conjunction with the academic committee.

### Total Hours

72

## 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 Mozdziaik  
**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

**Assistant Professors**

Kimberly Ange-VanHeugten  
**Area of Research:** Animal Science

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

Basheerah Enahora  

Kerim Eroglu  
**Area of Research:** Molecular and Structural Biochemistry

Adam Charles Fahrenholz  

Massimo Iorizzo  
**Area of Research:** Horticultural Science

Michael V. Joseph  
**Area of Research:** Animal Science

Arion Kennedy  
**Area of Research:** Molecular and Structural Biochemistry

Ramon Malheiros  

Arion Kennedy Midgett  
**Area of Research:** Molecular and Structural Biochemistry

Carrie Pickworth  
**Area of Research:** Animal Science

Virginia Carraway Stage  

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
Anneke Moresco
Muquarrab Ahmed Qureshi