### Nutrition (PhD)

#### Degree Requirements

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

**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 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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**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

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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

Adjunct professors
Katherine Patterson Maloney
Anneke Moresco
Muquarrab Ahmed Qureshi