# Nutrition (MS)

## Degree Requirements

### Required Courses
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 451</td>
<td>Principles of Biochemistry</td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>or NTR 501</td>
<td>Advanced Nutrition and Metabolism</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCH 453/553</td>
<td>Biochemistry of Gene Expression</td>
<td></td>
<td></td>
</tr>
<tr>
<td>or BCH 571</td>
<td>Regulation of Metabolism</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NTR 601</td>
<td>Master's Seminar</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Master of Science Core Courses

Select at least eight credits from "Core Courses" listed below

### Elective Courses

Select a minimum of three courses from the following:

Select at least eight credits from "Core Courses" listed below

"Elective Courses" that will be applied to reach 30 credit hours will be determined in conjunction with the academic committee

### Thesis

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR 601</td>
<td>Master's Seminar</td>
<td></td>
<td>1-6</td>
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</tbody>
</table>

### Total Hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No more than 6 credit hours can be taken at the 400-level.

## Core Courses

Select a minimum of three courses from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 553</td>
<td>Biochemistry of Gene Expression</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>BCH 571</td>
<td>Regulation of Metabolism</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>NTR 500</td>
<td>Principles of Human Nutrition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>NTR 501</td>
<td>Advanced Nutrition and Metabolism</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>NTR 510</td>
<td>Maternal and Infant Nutrition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>NTR 515</td>
<td>Comparative Nutrition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>NTR 521</td>
<td>Life Cycle Nutrition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>NTR 525</td>
<td>Feed Manufacturing Technology</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>NTR 550</td>
<td>Applied Ruminant Nutrition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>NTR 554</td>
<td>Lactation, Milk, and Nutrition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>NTR 555</td>
<td>Exercise Nutrition</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

## 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

Jeanette 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**:

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