# Nutrition (Minor)

## Master of Science Minor Plan

### Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Master's Core Courses</strong></td>
<td></td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Select at least three courses from &quot;Master's Core Courses&quot; listed below</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours** 8

### Master's Core Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 453/553</td>
<td>Biochemistry of Gene Expression</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BCH 571</td>
<td>Regulation of Metabolism</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 500</td>
<td>Principles of Human Nutrition</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 401/501</td>
<td>Advanced Nutrition and Metabolism</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 410/410</td>
<td>Maternal and Infant Nutrition</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 415/415</td>
<td>Comparative Nutrition</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 419</td>
<td>Human Nutrition and Chronic Disease</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 420</td>
<td>Applied Nutrition Education</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 421/521</td>
<td>Life Cycle Nutrition</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 425/525</td>
<td>Feed Manufacturing Technology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 550</td>
<td>Applied Ruminant Nutrition</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 554</td>
<td>Lactation, Milk, and Nutrition</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 555</td>
<td>Exercise Nutrition</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 557</td>
<td>Nutraceuticals and Functional Foods</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 561</td>
<td>Equine Nutrition</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 565</td>
<td>Advanced Canine and Feline Nutrition</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>NTR 594</td>
<td>Special Topics in Nutrition</td>
<td>1-6</td>
<td></td>
</tr>
</tbody>
</table>

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

### Doctor of Philosophy Minor

#### Required Courses

<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 or BCH 571 Regulation of Metabolism</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>NTR 801</td>
<td>Doctoral Seminar</td>
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<td></td>
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</table>

#### Non-NTR 700-level Course

3

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

#### PhD Core Courses

8

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

**Total Hours** 15

### PhD Core Courses

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<tr>
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<td>Maternal and Infant Nutrition</td>
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<td>Special Topics in Nutrition</td>
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</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

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

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
Assistant Professors

- Andrew Neilson
  **Area of Research**: Food, Bioprocessing and Nutrition Science

- Giuseppe Valachhi
  **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

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

Adjunct professors

- Carolyn Jean Lackey
- Jean-Marie Luginbuhl
- Jacquelyn W. McClelland
- Steven J. Schwartz
- Jason C. Shih
- Harold E. Swaisgood
- Van-Den Truong
- Lon Weidner Whitlow

- Katherine Patterson Maloney
- Muquarrab Ahmed Qureshi