Animal Science & Poultry Science (PhD): Poultry Science Concentration

Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required Courses</td>
<td>10</td>
</tr>
<tr>
<td>PO 801</td>
<td>Graduate Seminar In Poultry Science</td>
<td></td>
</tr>
<tr>
<td>PO 885</td>
<td>Doctoral Supervised Teaching</td>
<td></td>
</tr>
<tr>
<td>ST 511</td>
<td>Statistical Methods For Researchers I</td>
<td></td>
</tr>
<tr>
<td>or ST 512</td>
<td>Statistical Methods For Researchers II</td>
<td></td>
</tr>
<tr>
<td>BCH 451</td>
<td>Principles of Biochemistry</td>
<td></td>
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<tr>
<td>or BCH 553</td>
<td>Biochemistry of Gene Expression</td>
<td></td>
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</tbody>
</table>

**Graduate Electives / Research Courses** 62

“Graduate Electives / Research Courses” that will be applied to reach 72 credit hours will be determined in conjunction with the advisory committee.

Students are encouraged to choose these courses from the “Graduate Elective Courses” and “Graduate Research Courses” listed below

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Students are encouraged to select from the courses below:</td>
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<tr>
<td>PO 504</td>
<td>Avian Anatomy and Physiology</td>
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<tr>
<td>PO 506</td>
<td>Physiological Aspects of Poultry Management</td>
<td>3</td>
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<tr>
<td>PO 510</td>
<td>Poultry Product Safety: An On-Farm Model</td>
<td>3</td>
</tr>
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<td>PO 515</td>
<td>Comparative Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>PO 524</td>
<td>Comparative Endocrinology</td>
<td>3</td>
</tr>
<tr>
<td>FM 525</td>
<td>Feed Manufacturing Technology</td>
<td>3</td>
</tr>
<tr>
<td>PO 533</td>
<td>Poultry Processing and Products</td>
<td>3</td>
</tr>
<tr>
<td>FM 580</td>
<td>Feed and Ingredient Quality Assurance</td>
<td>3</td>
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<tr>
<td>PO 590</td>
<td>Special Problems in Poultry Science</td>
<td>1-6</td>
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<tr>
<td>FM 790</td>
<td>Advanced Feed Formulation</td>
<td>3</td>
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<tr>
<td>IMM 757</td>
<td>Comparative Immunology</td>
<td>3</td>
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</table>

**Graduate Research Courses**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Students are encouraged to choose from the following courses:</td>
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<tr>
<td>PO 893</td>
<td>Doctoral Supervised Research</td>
<td>1-9</td>
</tr>
<tr>
<td>PO 895</td>
<td>Doctoral Dissertation Research</td>
<td>1-9</td>
</tr>
<tr>
<td>PO 899</td>
<td>Doctoral Dissertation Preparation</td>
<td>1-9</td>
</tr>
</tbody>
</table>

**Faculty**

**Full Professors**
- Glen William Almond
- Kenneth E. Anderson
- Christopher M. Ashwell
- Donna K. Carver
- Patricia Ann Curtis
- Frank W. Edens
- Joan Eisemann
- Kenneth L. Esbenshade
- Charlotte E. Farin
- Vivek Fellner
- Peter R. Ferket
- Williams Lucas Flowers, IV
- Jesse Lee Grimes
- Sung Woo Kim
- Matthew D. Koci
- Duane K. Larick
- Hsiao-Ching Liu
- Christian Maltecca
- Melissa Schuster Merrill
- Paul Edward Modziak
- Jeannette A. Moore
- Jack Odle
- Edgar Orlando Oviedo-Rondon
- James N. Petitte
- Shannon Elizabeth Phillips
- Jorge A. Piedrahita
- Matt H. Poore
- Coby J. Schal
- Miles T. See
- Paul David Siciliano
- Eric VanHeugten

**Associate Professors**
- Robert Byron Beckstead
Assistant Professors
Deborah A. Esposito
Adam Charles Fahrenholz
Jonathan Paul Holt
Jicai Jiang
Michael Vadakekara Joseph
Casey C. Nestor
Carrie L. Pickworth
Mahmoud Ahmed Nabil Ahmed Naguib Sharara
Xiaoqiu Wang
Stephanie Hill Ward

Practice/Research/Teaching Professors
Kimberly Dawn Ange-Van Heugten
Deidre Danielle Harmon
Francesco Tiezzi Mazzoni Della Stella Ma
Shweta Trivedi
Lin Xi

Emeritus Faculty
Brenda P Alston-Mills
Geoffrey A. Benson
Leonard S Bull
Thomas A. Carter
Vern L. Christensen
Roger G. Crickenberger
Eugene Eisen
Jimmy Dale Garlich
Winston Murry Hagler
Raymond W. Harvey
Gerald B. Havenstein
Brinton Alden Hopkins
Gerald B. Huntington
James R. Jones
Jean-Marie Luginbuhl
Roger Lee McCraw
William M Morrow
Richard M. Myers
Robert M. Petters
Odis Wayne Robison
Frank D. Sargent
Brian W. Sheldon
Jason C. Shih
Thomas David Siopes
Jerry Wayne Spears
Steven Paul Washburn
Michael David Whitacre
Lon Weidner Whitlow
Charles Michael Williams

Adjunct Faculty
Raymond Dean Boyd
Max T. Coffey
Kent A. Gray
William O. Herring
Elizabeth A. Koutsos
Michael Patrick Martin
Teena F. Middleton
Douglas Wyatt Newcom
Simon M. Shane
Charles Robert Stark
Zehava Uni
Christopher J. Williams
Michael John Wineland