

# Poultry Science (Minor)

## Plan Requirements

### Master of Science Requirements

Code	Title	Hours
<b>Required Courses</b>		<b>9</b>
Select nine hours of coursework approved in conjunction with the academic committee. **NOTE that BCH 451 can count towards your credit hours for a Master's program, as long as you do not exceed 6 credit hours of 400-level courses on your Degree Audit for your Master's degree. BCH 451 is a recommended course for those students interested in pursuing a PhD in Poultry Science since it is a prerequisite for some PhD level courses. At least 6 credit hours must come from courses with a PO or FM prefix.		
<b>Total Hours</b>		<b>9</b>

### Doctoral Requirements

Code	Title	Hours
<b>Required Courses</b>		<b>12</b>
Select twelve hours of coursework approved in conjunction with the academic committee. **NOTE that BCH 451 cannot count towards your credit hours for the PhD program; however, it is a prerequisite for some PhD level courses. At least 6 cr must come from courses with a PO or FM prefix.		
<b>Total Hours</b>		<b>12</b>

### Poultry Science Graduate Courses

Code	Title	Hours
BCH 451	Principles of Biochemistry	4
PO 504	Avian Anatomy and Physiology	4
PO 506	Physiological Aspects of Poultry Management	3
PO 510	Poultry Product Safety	3
BSC 514	Studying Animal Behavior	3
PO 515	Comparative Nutrition	3
PO 524	Comparative Endocrinology	3
PO 525	Feed Manufacturing Technology	3
PO 533	Poultry Processing and Products	3
ANS 537	Precision Livestock Farming Systems	3
BCH 553	Biochemistry of Gene Expression	3
FM 560	Feed Mill Operations and Leadership	3
BIO 578	The Physiology of Stress	3
PO 580	Feed and Ingredient Quality Assurance	3
PO 590	Special Problems in Poultry Science	1-6
FM 594	Advanced Feed Mill Practicum	1
PO 601	Seminar	1
PO 620	Special Problems	1-6
FM 706	Vitamin Metabolism	3
PO 757	Comparative Immunology	3
PO 775	Mineral Metabolism	3
FM 790	Advanced Feed Formulation	3

PO 801	Graduate Seminar In Poultry Science	1
PO 820	Special Problems In Poultry Science	1-6

## Faculty

### Department Head

Frank Siewerdt

### Director of Graduate Programs

Kenneth E. Anderson

### Department Research Leader

Matthew D. Koci

### Department Extension Leader

Adam C. Fahrenholz

### Director of Undergraduate Programs

Lynn Worley-Davis

## Full Professors

Kenneth E. Anderson

Frank W. Edens

Peter R. Ferket

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Hosni Moustafa Hassan

Aaron S. Keiss

Matthew D. Koci

Paul Edward Mozdziak

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## Associate Professors

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Adam C. Fahrenholz

## Assistant Professors

Yan Campbell

Michael Vadakekara Joseph

Ramon D. Malheiros

Samuel Mwangi

Allison Pullin

Lin Walker

Lynn Worley-Davis

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## Research Scholars

Ishab Poudel

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## Adjunct Faculty

Lawrence Epling

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Bartosz Kempisty

Michael Martin

Donald R. McIntyre

Basheer Nusairat

Hilary Pavlidis

Rasha Qudsieh

Muquarrab Qureshi

Hugo Romero-Sanchez

Ondulla Tyvette Toomer

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## Emeritus Faculty

Vern L. Christensen

Patricia A. Curtis

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Jimmy Dale Garlich

Winston Murry Hagler

Gerald B. Havenstein

James N. Petite

Brian W. Sheldon

Jason C. Shih

Thomas David Siopes

Charles Michael Williams

Michael Wineland

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## AREA SPECIALIZED AGENTS (Affiliate Graduate Faculty)

Marissa Cohen

Mary Helen Fosnaught