

# Poultry Science (MR)

## Master's Degree Requirements

Code	Title	Hours	Counts towards
<b>Required Courses</b>			<b>10</b>
PO 601	Seminar		
PO 685	Master's Supervised Teaching		
ST 511	Statistical Methods For Researchers I		
or ST 512	Statistical Methods For Researchers II		
BCH 451	Principles of Biochemistry		
or BCH 553	Biochemistry of Gene Expression		
<b>Elective Courses</b>			<b>26</b>
"Elective Courses" that will be applied to reach 36 credit hours will be determined in conjunction with the academic committee			
Students are encouraged to choose these courses from the "Graduate Elective Courses" listed below			
<b>Total Hours</b>			<b>36</b>

## Elective Courses

Code	Title	Hours	Counts towards
Students are encouraged to choose from the following courses:			
PO 504	Avian Anatomy and Physiology	4	
PO 506	Physiological Aspects of Poultry Management	3	
PO 510	Poultry Product Safety	3	
PO 515	Comparative Nutrition	3	
PO 524	Comparative Endocrinology	3	
FM 525	Feed Manufacturing Technology	3	
PO 533	Poultry Processing and Products	3	
FM 580	Feed and Ingredient Quality Assurance	3	

PO 590	Special Problems in Poultry Science	1-6
FM 790	Advanced Feed Formulation	3
IMM 757	Comparative Immunology	3

## Professional Science Master's Degree Requirements

Code	Title	Hours	Counts towards
<b>Required Courses</b>			<b>17</b>
PO 601	Seminar		
PO 620	Special Problems		
PO 685	Master's Supervised Teaching		
ST 511	Statistical Methods For Researchers I		
or ST 512	Statistical Methods For Researchers II		
BCH 451	Principles of Biochemistry		
or BCH 553	Biochemistry of Gene Expression		

## Professional Development (PLUS) Courses

Select a minimum of three courses from "Professional Development (PLUS) Courses" listed below

## Elective Courses

"Elective Courses" that will be applied to reach 36 credit hours will be determined in conjunction with the academic committee

Students are encouraged to choose these courses from the "Graduate Elective Courses" listed below

## Total Hours

**36**

## Professional Development (PLUS) Courses

Code	Title	Hours	Counts towards
<b>Select a minimum of three courses below:</b>			<b>9-12</b>
BAE 578	Circular Approach to Manure Management	3	
ST 513	Statistics for Management and Social Sciences I	3	
BUS 420	Financial Management of Corporations	3	

BUS 460	Consumer Behavior	3
BUS 461	Channel and Retail Marketing	3
BUS 462	Marketing Research	3
BUS 464	International Marketing	3
BUS 465	Traditional and Digital Brand Promotion	3
BUS 467	Product and Brand Management	3
BUS 468	Marketing Strategy	3
BUS 472	Operations Planning and Control Systems	3
BUS 473	Supply Chain Strategy	3
BUS 474	Logistics Management	3
BUS 475	Purchasing and Supply Management	3
BUS 590	Special Topics In Business Management	1-6
COM 521	Communication and Globalization	3
COM 527	Seminar in Organizational Conflict Management	3
COM 530	Interpersonal Communication in Science and Technology Organizations	3
ST 751	Econometric Methods	3
FM 460	Feed Mill Operations and Leadership	3
MBA 521	Advanced Corporate Finance	3
MBA 530	Leading People	3
MBA 541	Supply Management	3
MBA 542	Supply Chain Logistics	3
MBA 543	Planning and Control Systems	3

MBA 552	Data Engineering, Management and Warehousing	3
MBA 555	Product Design and Development	4
MBA 564	Business Relationship Management	3
MBA 576	Technology Entrepreneurship and Commercialization I	3
MBA 586	Legal, Regulatory and Ethical Issues in Life Science Industries	3
MBA 577	Technology Entrepreneurship and Commercialization II	3
MBA 610	Special Topics in Business Administration	1-6
MIE 501	Strategic Management Foundations	3
PS 536	Global Environmental Law and Policy	3

## Elective Courses

Code	Title	Hours	Counts towards
Students are encouraged to select from the courses below:			
PO 504	Avian Anatomy and Physiology	4	
PO 506	Physiological Aspects of Poultry Management	3	
PO 510	Poultry Product Safety	3	
PO 515	Comparative Nutrition	3	
PO 524	Comparative Endocrinology	3	
FM 525	Feed Manufacturing Technology	3	
PO 533	Poultry Processing and Products	3	

FM 580	Feed and Ingredient Quality Assurance	3
PO 590	Special Problems in Poultry Science	1-6
FM 790	Advanced Feed Formulation	3
IMM 757	Comparative Immunology	3

## Faculty

### Department Head

Frank Siewerdt

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### Director of Graduate Programs

Kenneth E. Anderson

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### Department Research Leader

Matthew D. Koci

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### Department Extension Leader

Adam C. Fahrenholz

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### Director of Undergraduate Programs

Lynn Worley-Davis

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### Full Professors

Kenneth E. Anderson

Frank W. Edens

Peter R. Ferket

Jesse Lee Grimes

Hosni Moustafa Hassan

Aaron S. Keiss

Matthew D. Koci

Paul Edward Mozdziak

Edgar Orlando Oviedo-Rondon

### Associate Professors

Lisa Bielke

Elaine Bohórquez

Adam C. Fahrenholz

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### 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

Tuoying Ao

Andrea Villanes Arellano

Jose Bruno-Barcena

Marissa Cohen

Lawrence Epling

Yewande Fasina

Mary Helen Fosnaught

Tom Frost

Bartosz Kempisty

Zack Lowman

Donald R. McIntyre

Basheer Nusairat

Hilary Pavlidis

Rasha Qudsieh

Muquarrab Qureshi

Hugo Romero-Sanchez

Ondulla Tyvette Toomer

Nelson E. Ward

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## **Emeritus Faculty**

Thomas A. Carter

Vern L. Christensen

Patricia A. Curtis

Warren J. Croom Jr.

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