

# 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: An On-Farm Model	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	Agricultural Waste 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 501	Strategic Management Foundations	3
BUS 590	Special Topics In Business Management	1-6
BUS 610		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
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: An On-Farm Model	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

Jimmy Dale Garlich  
Winston Murry Hagler  
Gerald B. Havenstein  
Brian W. Sheldon  
Jason C. Shih  
Thomas David Siopes  
Charles Michael Williams

## Faculty

### 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  
James N. Petite

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### Adjunct Faculty

Andrea Villanes Arellano  
Aaron Shawn Kiess  
Rasha Qudsieh  
Nelson E. Ward

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### Associate Professors

Mark T. Knauer

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### Assistant Professors

Chongxiao (Sean) Chen  
Adam Charles Fahrenholz  
Michael Vadakekara Joseph  
Mahmoud A. N. A. N. Sharara  
Ondulla Tyvette Toomer  
Lin Walker  
Lin Li Walker

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### Emeritus Faculty

Thomas A. Carter  
Vern L. Christensen  
Warren J. Croom Jr.