



**COLLEGE OF AGRICULTURE**

**PROSPECTUS**

**PROGRAM:** Master of Science in Animal Science (Academic Track)  
**Major:** Animal Breeding and Physiology  
**Revised (MM/YYYY):** 06/2021  
**Approved BOR No.:** 97.s.2021

**FIRST YEAR**

*First Semester*

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
<b>Required Major Course</b>					
ANSC 200	Advanced Research Methods and Statistics in Animal Science	2.0	3.0	3.0	AnSci 95 or COP
<b>Major Elective 1** (Student may select 1 major elective courses from other field of specialization)</b>					
ANSC 205	Advanced Large Ruminant Production and Management	2.0	3.0	3.0	AnSci 42, AnSci 43, or COP
ANSC 207	Advanced Poultry Production and Management	2.0	3.0	3.0	COP
ANSC 209	Advanced Meat Science	3.0	0.0	3.0	COP
ANSC 211	Advanced Animal Production Systems	3.0	0.0	3.0	AnSci 57 or COP
ANSC 221	Advanced Ruminant Nutrition	3.0	0.0	3.0	AnSci 51, Chem 26, or COP
ANSC 223	Advanced Pasture and Fodder Crop Management	2.0	3.0	3.0	AnSci 42, AnSci 43, Chem 26, or COP
ANSC 225	Forage Conservation and Utilization	2.0	3.0	3.0	AnSci 42, AnSci 43, Chem 26, or COP
<b>Major Elective 2* (Student may select 1 major elective courses from the field of specialization)</b>					
ANSC 231	Physiology of Lactation	2.0	3.0	3.0	COP
ANSC 233	Advanced Animal Breeding and Genetics	2.0	3.0	3.0	AnSci 55 or COP
ANSC 235	Advanced Methods of Animal Breeding	3.0	0.0	3.0	COP
<b>Cognate/Minor Course 1</b>					
				3.0	
<b>TOTAL</b>				<b>12.0</b>	

*Second Semester*

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
<b>Major Elective 3** (Student may select 1 major elective courses from other field of specialization)</b>					
ANSC 206	Advanced Small Ruminant Production and Management	2.0	3.0	3.0	AnSci 42, AnSci 43, or COP
ANSC 208	Advanced Swine Production and Management	2.0	3.0	3.0	COP
ANSC 210	Advanced Dairy Science	3.0	0.0	3.0	COP
ANSC 220	Advanced Non Ruminant Nutrition	3.0	0.0	3.0	AnSci 51, Chem 26, or COP
ANSC 222	Feed Formulation and Quality Control	2.0	3.0	3.0	AnSci 42, Chem 26, or COP
ANSC 224	Research Techniques in Animal Nutrition	2.0	3.0	3.0	AnSci 42, Chem 26, or COP
<b>Major Elective 4* and 5* (Student may select 2 major elective courses from the field of specialization)</b>					
ANSC 230	Livestock Endocrinology	3.0	0.0	3.0	COP
ANSC 232	Physiology of Reproduction	2.0	3.0	3.0	COP
ANSC 234	Artificial Breeding of Livestock and Poultry	3.0	0.0	3.0	ANSC 233 or COP
ANSC 236	Animal Biotechnology	2.0	3.0	3.0	COP
<b>Cognate/Minor Course 2</b>					
				3.0	
<b>TOTAL</b>				<b>12.0</b>	

**MIDYEAR**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
ANSC 299	Graduate Seminar	1.0	0.0	1.0	
<b>TOTAL</b>				<b>1.0</b>	

**SECOND YEAR**

*First Semester*

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
ANSC 300	Master's Thesis			6.0	
<b>TOTAL</b>				<b>6.0</b>	

*Second Semester*

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
ANSC 300	Master's Thesis			0.0	
<b>TOTAL</b>				<b>0.0</b>	

**Summary of Units**

I. Major Courses	18
II. Cognate/Minor Courses	6
III. Graduate Seminar	1
IV. Master's Thesis	6
<b>TOTAL UNITS</b>	<b>31</b>

**Major Faculty Members**

1 WINSON M. GUTIERREZ	PhD Applied Life Science (AnSci)
2 REYNALDO L. INTONG	PhD Animal Science
3 EDUARDO V. LAGUA*	MS Animal Science
4 ARTH DAVID SOL V. ORTEGA*	MS Animal Science
5 ANA CELINA T. SORIANO*	MS Animal Science
6 KLINTON ED F. VENCI*	MS Animal Science
7 NIÑA MAE R. VILLAR	PhD Animal Science
* - For designation request	

Prepared by:

Certified by:

Approved by:

**WINSON M. GUTIERREZ**  
 Department Chairperson

**KAREN N. LUCINO**  
 College Registrar

**MARIA ESTELA B. DETALLA**  
 Dean