



**COLLEGE OF AGRICULTURE**

**CURRICULUM**

**Course:** Bachelor of Science in Agriculture  
**Major:** Animal Science  
**Revised (MM/YYYY):** MAY 2020 (For Incoming Second Year) 2019 CURRICULUM  
**Approved BOR No.:** 148,s. 2020

**FIRST YEAR**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
GEC 12	Readings in Philippine History	3.0	0.0	3.0	None
GEC 13	The Contemporary World	3.0	0.0	3.0	None
GEE 15	Gender and Society	3.0	0.0	3.0	None
CHY 30*	College Chemistry	2.0	0.0	2.0	None
CHY 30.1*	College Chemistry Laboratory	0.0	3.0	1.0	None
AGRIC 41	Introduction to Agriculture	1.0	0.0	1.0	None
CPRT 41	Principles of Crop Protection	2.0	3.0	3.0	None
CPSCI 41	Principles of Crop Production	2.0	3.0	3.0	None
PE 31	Movement Enhancement	2.0	0.0	2.0	None
NSTP 1	National Service Training Program I	3.0	0.0	3.0	None
<b>TOTAL</b>		<b>21.0</b>	<b>9.0</b>	<b>24.0</b>	

\* For non-STEM completers

**Second Semester**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
GEC 11	Understanding the Self	3.0	0.0	3.0	None
GEC 14	Mathematics in the Modern World	3.0	0.0	3.0	None
GEC 15	Purposive Communication	3.0	0.0	3.0	None
CHY 32	Organic Chemistry	2.0	0.0	2.0	CHY 30 & CHY 30.1
CHY 32.1	Organic Chemistry Laboratory	0.0	3.0	1.0	CHY 30 & CHY 30.1
ANSCI 42	Introduction to Animal Science	2.0	3.0	3.0	AGRIC 41
CPRT 42	Approaches and Practices in Pest Management	2.0	3.0	3.0	CPRT 41
SOILS 42	Principles of Soil Science	2.0	3.0	3.0	CHY for Non-STEM Completers, AGRIC 41
PE 32	Fitness Exercises	2.0	0.0	2.0	PE 31
NSTP 2	National Service Training Program II	3.0	0.0	3.0	NSTP 1
<b>TOTAL</b>		<b>22.0</b>	<b>12.0</b>	<b>26.0</b>	

**MIDYEAR**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
AGRIC 98	Practicum (Skills Development in Animal Science/Crop Protection/Crop Science)	240 HOURS		6.0	AGRIC 41,GEC 11,GEC 14,GEC 15,ANSCI 42/CPRT 42/CPSCI 41

**SECOND YEAR**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
GEC 16	Art Appreciation	3.0	0.0	3.0	None
BIO 31	Introduction to Genetics	2.0	3.0	3.0	None
CHY 47	Biochemistry	3.0	0.0	3.0	CHY 32,CHY 32.1
AGECN 41	Principles of Agricultural Entrepreneurship and Enterprise Development	3.0	0.0	3.0	None
AGRIC 43	Introduction to Organic Agriculture	3.0	0.0	3.0	AGRIC 41
ANSCI 43	Introduction to Livestock and Poultry Production	2.0	3.0	3.0	ANSCI 42
CPSCI 43	Practices of Crop Production	2.0	3.0	3.0	CPSCI 41
SOILS 43	Soil Fertility, Conservation and Management	2.0	3.0	3.0	SOILS 42
PE 33	Physical Activities Towards Health & Fitness I	2.0	0.0	2.0	PE 31
<b>TOTAL</b>		<b>22.0</b>	<b>12.0</b>	<b>26.0</b>	

**Second Semester**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
GEC 17	Science, Technology and Society	3.0	0.0	3.0	None
GEE 13	Living in the IT Era	3.0	0.0	3.0	None
ABE 30	Basic Farm Machineries and Mechanization	2.0	3.0	3.0	None
AGECN 42	Introduction to Agricultural Commodity Systems	3.0	0.0	3.0	AGECN 41
AGRIC 44	Statistics Applied to Agriculture	2.0	3.0	3.0	GEC 14
AGEXT 42	Principles of Agricultural Extension and Communication	3.0	0.0	3.0	AGRIC 41
ENS 43	Natural Resource and Environmental Management	3.0	0.0	3.0	None
PE 34	Physical Activities Towards Health & Fitness II	2.0	0.0	2.0	PE 31
<b>TOTAL</b>		<b>21.0</b>	<b>6.0</b>	<b>23.0</b>	

**CERTIFICATE IN AGRICULTURAL SCIENCE (CAS)**

All Students who satisfactorily completed the first (two) years shall be awarded the Certificate of Agricultural Science (CAS)

**THIRD YEAR**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
GEC 18	Ethics	3.0	0.0	3.0	None
GEC 19	The Life, Works and Writings of Jose Rizal	3.0	0.0	3.0	None
AGRIC 45	Basic Biotechnology	3.0	0.0	3.0	BIO 31
CPRT 43	Beneficial Arthropods and Microorganisms	2.0	3.0	3.0	CPRT 42
AGRIC 95	Methods of Agricultural Research	2.0	3.0	3.0	AGRIC 44
Major Course 1				3.0	
Major Course 2				3.0	
Major Course 3				3.0	
<b>TOTAL</b>				<b>24.0</b>	

**Second Semester**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
GEE 19	Philippine Popular Culture	3.0	0.0	3.0	None
ANSCI 44	Slaughter of Animals and Animal Product Processing	2.0	3.0	3.0	ANSCI 42
CPRT 44	General Physiology and Toxicology	2.0	3.0	3.0	CPRT 42
CPSCI 44	Postharvest Handling and Seed Technology	2.0	3.0	3.0	CPSCI 43
ANSCI 99A	Seminar A in Animal Science	1.0	0.0	1.0	Passed at least 6 units of major courses
Major Course 4				3.0	
Major Course 5				3.0	
Major Course 6				3.0	
ANSCI 100.1**	Undergraduate Thesis/Practicum/Major Farm Practice in Animal Science (Outline/Proposal)	0.0	2.0	2.0	AGRIC 95
<b>TOTAL</b>				<b>24.0</b>	

**FOURTH YEAR**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
ABE 31	Introduction to Water Management and Irrigation	2.0	3.0	3.0	None
AGECN 45	Introduction to Agricultural Policy and Development	3.0	0.0	3.0	None
AGEXT 43	Management of Extension Programs	3.0	0.0	3.0	AGEXT 42
AGRIC 97	Competency Enhancement	6.0	0.0	6.0	Certificate of Agricultural Science
ANSCI 99B	Seminar B in Animal Science	1.0	0.0	1.0	ANSCI 99A
ANSCI 99C	Seminar C (Colloquium) in Animal Science	1.0	0.0	1.0	ANSCI 99A
Major Course 7				3.0	
Major Course 8				3.0	
ANSCI 100.2**	Undergraduate Thesis/Practicum/Major Farm Practice in Animal Science (Experimental/Conduct)	0.0	2.0	2.0	ANSCI 100.1
<b>TOTAL</b>				<b>25.0</b>	

**Second Semester**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
ANSCI 98	Apprenticeship/On-the-Job-Training (240 hrs.)	0.0	6.0	6.0	Passed all courses
ANSCI 100.3**	Undergraduate Thesis/Practicum/Major Farm Practice in Animal Science (Manuscript and Defense)	0.0	2.0	2.0	ANSCI 100.2
<b>TOTAL</b>		<b>0.0</b>	<b>8.0</b>	<b>8.0</b>	

**List of Major Courses:**

SUBJECT	TITLE	HOURS		Units	Pre-requisite/s
		Lec	Lab		
ANSCI 51	Animal Nutrition	2.0	3.0	3.0	ANSCI 42
ANSCI 52	Sheep and Goat Production	2.0	3.0	3.0	ANSCI 42
ANSCI 53	Animal Diseases	2.0	3.0	3.0	ANSCI 42
ANSCI 54	Poultry Production and Management	2.0	3.0	3.0	ANSCI 42
ANSCI 55	Animal Breeding and Genetics	2.0	3.0	3.0	ANSCI 42
ANSCI 56	Swine Production and Management	2.0	3.0	3.0	ANSCI 42
ANSCI 57	Dairy Production and Management	2.0	3.0	3.0	ANSCI 42
ANSCI 59	Beef Cattle and Water Buffalo	2.0	3.0	3.0	ANSCI 42
ANSCI 60	Gastro Intestinal Tract Processes	2.0	3.0	3.0	ANSCI 42
ANSCI 61	Technique in Feed Formulation and Quality Control	2.0	3.0	3.0	ANSCI 42
ANSCI 62	Forage/Fodder Production and Management	2.0	3.0	3.0	ANSCI 42
ANSCI 63	Forage/Fodder Conservation	2.0	3.0	3.0	ANSCI 42
ANSCI 70	Animal Production System	2.0	3.0	3.0	ANSCI 42
ANSCI 71	Population and Quantitative Genetics	2.0	3.0	3.0	ANSCI 42
ANSCI 72	Artificial Breeding of Farm Animals	2.0	3.0	3.0	ANSCI 42
ANSCI 73	Breeding Valuation Estimation and Plan	2.0	3.0	3.0	ANSCI 42
ANSCI 75	Animal Production Processing	3.0	0.0	3.0	ANSCI 42

Prepared by:

Certified by:

Approved by:

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 Department Chairperson

**KAREN N. LUCINO**  
 College Registrar

**MARIA ESTELA B. DETALLA**  
 Dean

<b>Summary of Units</b>		
General Education Courses		36.0
Core Courses		100.0
Major Courses		24.0
Undergraduate Thesis/Practicum/Major Farm Practice		6.0
Apprenticeship/On-the-Job-Training		6.0
NSTP/PE		14.0
<b>TOTAL</b>		<b>183/186*</b>

\*\*may be offered every semester including midyear