



**BACHELOR OF SCIENCE IN AGRICULTURE**  
 Major in Animal Science  
 BOT Res. No. 039, series 2019

Summary	Number of Units		
	Per CMO No. 23 series of 2021	Existing Curriculum	Enhanced Curriculum
<b>I. General Education</b>			
A. GE Core	24	24	24
B. GE Elective	9	9	9
C. Mandated	3	3	3
<b>II. Core Courses</b>	65	73	65
<b>III. Major Courses</b>	27	39	27
<b>IV. Practicum/Apprenticeship/OJT</b>	6	6	6
<b>V. Thesis/Major Farm Practice</b>	6	6	6
<b>VI. Mandated Courses</b>	14	14	14
<b>VII. Institutional Courses</b>			10
<b>Total</b>	154	174	164

FIRST YEAR													
FIRST SEMESTER						SECOND SEMESTER							
Grades	Course No.	Description	No. of Units		Total	Pre-req.	Grades	Course No.	Description	No. of units		Total	Pre-req.
			Lec	Lab						Lec	Lab		
	GEC 105	*Understanding the Self	3	0	3	None		GEE 104	The Entrepreneurial Mind	3	0	3	None
	Agri 101	Introduction to Agriculture	3	0	3	None		Agri 102	Introduction to Organic Agriculture	3	0	3	None
	CS 101	Principles of Crop Production	2	1	3	None		CS 102	Practices of Crop Science and Management	2	1	3	CS 101
	AS 101	Introduction to Animal Science	2	1	3	None		AS 102	Introduction to Livestock and Poultry Production	2	1	3	AS 101
	CP 101	Principles of Crop Protection	2	1	3	None		CP 102	Approaches and Practices in Pest Management	2	1	3	CP 101
	SS 101	Principles of Soil Science	2	1	3	None		SS 102	Soil Fertility, Conservation, and Management	2	1	3	SS 101
	PATHFit 1	Movement Competency Training	2	0	2	None		PATHFit 2	Exercise-Based Fitness Activities	2	0	2	PATHFit 1
	IC 101	JHCSC Civic Course	1	0	1	None		NSTP 102	National Service Training Service	3	0	3	NSTP 101
	NSTP 101	National Training Service Program	3	0	3	None							
	<b>TOTAL</b>		<b>20</b>	<b>4</b>	<b>24</b>			<b>TOTAL</b>		<b>19</b>	<b>4</b>	<b>23</b>	

**FIRST YEAR LEVEL – SUMMER**

	Practicum 101	Practicum for Skills Development (240 hrs)	0	3	3								
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**SECOND YEAR**

FIRST SEMESTER						SECOND SEMESTER							
Grades	Course No.	Description	No. of units		Total	Pre-req.	Grades	Course No.	Description	No. of units		Total	Pre-req.
			Lec	Lab						Lec	Lab		
	GEC 106	Ethics	3	0	3	None		GEC 108	Science, Technology and Society	3	0	3	None
	IC 103	Agricultural Statistics	3	0	3	None		GEC 103	Mathematics in the Modern World	3	0	3	None
	AgEcon 201	Principles of Agricultural Entrepreneurship and Enterprise Development	3	0	3	GEE 104		Chem 202	General Biochemistry	3	0	3	Chem 201
	ES 201	Natural Resource and Environmental Management	3	0	3	CS 101, AS 101 & SS 101		GEC 107	*The Contemporary World	3	0	3	None
	AS 201	Slaughter of Animals and Animal Products Processing	2	1	3	None		Ag Res 201	Methods of Agricultural Research	3	0	3	None
	Chem 201	Organic Chemistry	2	1	3	None		AE 201	Basic Farm Machineries, Mechanization and Water Management	2	1	3	None
	Ag Ext 201	Principles of Agricultural Extension and Communication	3	0	3	None		Gen 201	Principles of Genetics	2	1	3	None
	PATHFit 3	Dance/Sports	2	0	2	PATHFit 1 & 2		AgEcon 202	Introduction to Agricultural Commodity Systems	3	0	3	AgEcon 201
								PATHFit 4	Dance/Sports	2		2	PATHFit 1 & 2
	<b>TOTAL</b>		<b>21</b>	<b>2</b>	<b>23</b>			<b>TOTAL</b>		<b>24</b>	<b>2</b>	<b>26</b>	

All students who satisfactorily completed the first two (2) years shall be awarded the Certificate of Agricultural Science (CAS) which may be used for immediate employment or for application for TESDA Skills Certification, subject to the requirement of the specific TESDA Training Regulation (NC III) being applied for.

THIRD YEAR													
FIRST SEMESTER						SECOND SEMESTER							
Grades	Course No.	Description	No. of units		Total	Pre-req.	Grades	Course No.	Description	No. of units		Total	Pre-req.
			Lec	Lab						Lec	Lab		
	GEC 102	*Readings in Philippine History	3	0	3	None		GEC 101	Purposive Communication	3	0	3	None
	IC 102	Advanced Academic Reading and Writing	3	0	3	None		GEE 101	Living in the IT Era	3	0	3	None
	GEC 104	*Art Appreciation	3		3	None		AS 303	Swine Production	2	1	3	AS 102
	CP 301	General Physiology and Toxicology	2	1	3	CP 102		AS 304	Poultry Production	2	1	3	AS 102
	AS 301	Anatomy and Physiology of Farm Animals	2	1	3	AS 102		Ag Pol 301	Introduction to Agricultural Policy and Development	3	0	3	None
	AS 302	Animal Nutrition	2	1	3	AS 102		GEM 101	Life and Works of Rizal	3	0	3	None
	Seminar A	Seminar on Precision Agriculture/SMART Farming	1	0	1	None		Seminar B	Seminar on the Recent Trends in Animal Science	1	0	1	None
	AS 300 A	Thesis 1 (Outline)	2	0	2	None		AS 300 B	Thesis 2 (Experimental)	2	0	2	CS 300 A
	<b>TOTAL</b>		<b>18</b>	<b>3</b>	<b>21</b>			<b>TOTAL</b>		<b>19</b>	<b>2</b>	<b>21</b>	
FOURTH YEAR													
FIRST SEMESTER						SECOND SEMESTER							
Grades	Course No.	Description	No. of units		Total	Pre-req.	Grades	Course No.	Description	No. of units		Total	Pre-req.
			Lec	Lab						Lec	Lab		
	CP 401	Beneficial Arthropods and Microorganism	3	0	3	None		AS 300 C	Thesis 3 (Manuscript and Defense)	2	0	2	CS 300 B
	AS 401	Ruminant Production	2	1	3	AS 102		Agri 400	Apprenticeship/OJT (Industry Exposure) (240 hrs)	0	3	3	None
	CS 402	Post-Harvest and Seed Technology	2	1	3	CS 102 & CP 102							
	Biotech 401	Agricultural Biotechnology	2	1	3	None							
	GEE 105	Gender and Society	3	0	3	None							
	IC 104	Continuing Education Program in Agriculture	3	0	3	None							
	<b>TOTAL</b>		<b>15</b>	<b>3</b>	<b>18</b>			<b>TOTAL</b>		<b>2</b>	<b>3</b>	<b>5</b>	

\*With integration of Philippine Indigenous Communities and Peace Studies