

**BACHELOR OF SCIENCE IN AGRICULTURE (MAJOR IN ANIMAL SCIENCE)**

**LIST OF COURSES BY SEMESTER**

**BOR Resolution No. \_\_\_\_\_, Series of 2018**

**First Year, First Semester**

Course No.	Descriptive Title	Units	Hrs/Wk		Pre-requisite(s)
			Lec	Lab	
GEC101	Understanding the Self	3	3	0	None
GEC102	Purposive Communication	3	3	0	None
CHM033	General Organic Chemistry	2	2	0	None
CHM033.1	General Organic Chemistry Laboratory	1	0	3	None
AGR001	Introduction to Agriculture	1	1	0	None
ANS001	Introduction to Animal Science	3	2	3	None
CRS001	Principles of Crop Production	3	2	3	None
SSC001	Principles of Soil Science	3	2	3	None
PED001	Exercise Prescription and Management	2	2	0	None
NST001	National Service Training Program 1	(3)			None
	<b>Total</b>	<b>21</b>	<b>17</b>	<b>12</b>	

**First Year, Second Semester**

Course No.	Descriptive Title	Units	Hrs/Wk		Pre-requisite(s)
			Lec	Lab	
GEC104	Mathematics in the Modern World	3	3	0	None
CHM043	General Biochemistry	2	2	0	CHM033, CHM033.1
CHM043.1	General Biochemistry Laboratory	1	0	3	CHM033, CHM033.1
AEC001	General Agricultural Economics	3	2	3	None
AEX001	Principles of Agricultural Extension and Communication	3	3	0	None
ANS002	Introduction to Livestock and Poultry Production	3	2	3	ANS001
CRS002	Practices of Crop Production	3	2	3	CRS001
SSC002	Soil Fertility, Conservation and Management	3	2	3	SSC001
PED002	Dance/Martial Arts	2	2	0	PED001
NST002	National Service Training Program 2	(3)			NST001
	<b>Total</b>	<b>23</b>	<b>18</b>	<b>15</b>	

**First Year, Summer**

Course No.	Descriptive Title	Units	Hrs/Wk		Pre-requisite(s)
			Lec	Lab	
ANS097	Practicum (Skills Development)	6	240 hours In-campus		2 semesters of residence with earned prescribed units of at least 36

### Second Year, First Semester

Course No.	Descriptive Title	Units	Hrs/Wk		Pre-requisite(s)
			Lec	Lab	
FPE101	Fundamentals of Peace Education	3	3	0	None
ABM001	Principles of Agricultural Marketing and Entrepreneurship	3	2	3	AEC001
AGN001	Agricultural Genetics	3	2	3	CHM043, CHM043.1
AGR0002	Introduction to Organic Agriculture	3	2	3	CHM033, CHM033.1, SSC002
ANS003	Slaughter and Processing of Animal Products	3	2	3	ANS002
CRP001	Principles of Crop Protection	3	2	3	None
PED003	Individual/Dual Sports/Traditional/Recreational Games	2	2	0	PED001
<b>Total</b>		<b>20</b>	<b>15</b>	<b>15</b>	

### Second Year, Second Semester

Course No.	Descriptive Title	Units	Hrs/Wk		Pre-requisite(s)
			Lec	Lab	
GEC108	Science, Technology and Society	3	3	0	None
AEB001	Basic Farm Machineries and Mechanization	3	2	3	None
AGR003	Introduction to Agricultural Research Methods	3	2	3	None
ANS040	Anatomy and Physiology of Farm Animals	3	2	3	ANS002
ANS041	Animal Nutrition and Feeding Management	3	2	3	ANS002, CHM043, CHM043.1
ABT001	Agricultural Biotechnology	3	2	3	AGN001
CRP002	Approaches and Practices in Pest Management	3	2	3	CRP001
PED004	Team Sports	2	2	0	PED001
<b>Total</b>		<b>23</b>	<b>17</b>	<b>18</b>	

Note: Any student who has satisfactorily completed the first two (2) years shall be awarded the Certificate of Agriculture Science (CAS) which the student may use for employment or application for TESDA Skills Certification subject to the requirement of the specific TESDA Training Regulation being applied for.

### Third Year, First Semester

Course No.	Descriptive Title	Units	Hrs/Wk		Pre-requisite(s)
			Lec	Lab	
GEC103	The Contemporary World	3	3	0	None
GEC105	Readings in Philippine History	3	3	0	None
FIL101	Wika at Kultura sa Mapayapang Lipunan	3	3	0	None
AEX002	Introduction to Agricultural Policy and Development	3	3	0	AEX001
ANS042	Animal Health and Diseases	3	2	3	ANS040
ANS043	Principles and Practices in Animal Breeding	3	2	3	AGN001, ANS002
ANS044	Forage and Pasture Management	3	2	3	ANS002, CRS002
<b>Total</b>		<b>21</b>	<b>18</b>	<b>9</b>	

### Third Year, Second Semester

Course No.	Descriptive Title	Units	Hrs/Wk		Pre-requisite(s)
			Lec	Lab	
FIL102	Ekokritisismo at Pagpapahalaga sa Kalikasan	3	3	0	None
GEC106	Art Appreciation	3	3	0	None
ANS140	Halal Production, Slaughter and Animal Welfare	3	2	3	ANS003, ANS041, ANS042, ANS043, ANS044
	Specialized Major Course	3	2	3	Refer to Specific course
	Specialized Major Course	3	2	3	Refer to Specific course
ANS196	Seminars and Field Trip	2	2	0	ANS041, ANS042, ANS043, ANS044
ANS198	Research Methods in Animal Science	3	2	3	AGR003, ANS041, ANS042, ANS043, ANS044
<b>Total</b>		<b>20</b>	<b>16</b>	<b>12</b>	

**Third Year, Summer**

Course No.	Descriptive Title	Units	Hrs/Wk		Pre-requisite(s)
			Lec	Lab	
ANS197	On the Job Training	6	360 hours Out campus		ANS196 and at least two 100-level major courses

**Fourth Year, First Semester**

Course No.	Descriptive Title	Units	Hrs/Wk		Pre-requisite(s)
			Lec	Lab	
HIS003	History of Muslim Filipinos and the Indigenous Peoples of MINSUPALA	3	3	0	None
ANS143	Swine Production	3	2	3	ANS041, ANS042, ANS043
	Specialized Major Course	3	2	3	Refer to specific course
	Specialized Major Course	3	2	3	Refer to Specific course
ANS199	Undergraduate Thesis	3	0	0	ANS198
<b>Total</b>		<b>15</b>	<b>9</b>	<b>9</b>	

**Fourth Year, Second Semester**

Course No.	Descriptive Title	Units	Hrs/Wk		Pre-requisite(s)
			Lec	Lab	
GEC107	Ehtics	3	3	0	None
GEC109	Life and Works of Rizal	3	3	0	None
ABM002	Introduction to Agricultural Commodity and Enterprise Development	3	2	3	ABM001
	Specialized Major Course	3	2	3	Refer to specific course
	Specialized Major Course	3	2	3	Refer to specific course
	Specialized Major Course	3	2	3	Refer to specific course
<b>Total</b>		<b>18</b>	<b>14</b>	<b>12</b>	

**Grand Total 173 units**

<b>SPECIALIZED MAJOR COURSES</b> [a minimum of 7 courses or 21 units are required from these options; must be offered every semester]					
<b>Course no.</b>	<b>Course Title</b>	<b>Unit</b>	<b>Lec</b>	<b>Lab</b>	<b>Prerequisite/s</b>
ANS141	Poultry Production	3	2	3	ANS041, ANS142, ANS043
ANS142	Goat and Sheep Production	3	2	3	ANS041, ANS042, ANS043, ANS044
ANS144	Dairy Production	3	2	3	ANS041, ANS042, ANS043, ANS044
ANS145	Beef and Buffalo Production	3	2	3	ANS041, ANS042, ANS043, ANS044
ANS146	Dairy Technology	3	2	3	ANS003, ANS041, ANS042
ANS147	Meat Processing	3	2	3	ANS003, ANS041, ANS042
ANS148	Comminuted Meat Products	3	2	3	ANS003, ANS041, ANS042
ANS149	Environmental Physiology of Farm Animals	3	2	3	ANS041, ANS042
ANS150	Physiology of Reproduction in Farm Animals	3	2	3	ANS040
ANS151	Physiology of Lactation	3	2	3	ANS040, ANS041
ANS152	Non Ruminant Nutrition	3	2	3	ANS041, ANS042, ANS044
ANS153	Ruminant Nutrition	3	2	3	ANS041, ANS042, ANS044