

**SCHEME OF STUDY FOR UNDERGRADUATE DEGREE OF**  
**B.Sc. (Hons.) ANIMAL SCIENCES**  
*Under common admission in B.Sc.(Hons.) Agriculture*  
**AT FACULTY OF ANIMAL HUSBANDRY, UAF**

<b>SEMESTER 5</b>			
<b>Course No.</b>	<b>Title of Course</b>	<b>Credit Hours</b>	<b>Course Type</b>
ABG-501	PRINCIPLES OF HEREDITY	2(1-1)	Major
ABG-503	INTRODUCTORY MOLECULAR GENETICS	2(1-1)	Major
LM-501	MANAGEMENT OF DAIRY ANIMALS	2(1-1)	Major
AN-501	FUNDAMENTALS OF ANIMAL NUTRITION	2(1-1)	Major
AN-503	METABOLISM OF PRIMARY NUTRIENTS	2(1-1)	Major
PSci-501	INTRODUCTION TO POULTRY SCIENCE	2(1-1)	Major
PSci-503	INCUBATION PRINCIPLES AND HATCHERY MANAGEMENT	2(1-2)	Major
ANAT-501	INTRODUCTION TO VETERINARY ANATOMY	3(2-1)	Allied
PHYSIO-501	INTRODUCTION TO ANIMAL PHYSIOLOGY	3(2-1)	Allied
	<b>Total</b>	<b>20</b>	
<b>SEMESTER 6</b>			
<b>Course No.</b>	<b>Title of Course</b>	<b>Credit Hours</b>	<b>Course Type</b>
ABG-502	INTRODUCTORY POPULATION GENETICS	2(1-1)	Major
ABG-504	PRINCIPLES OF ANIMAL BREEDING	2(1-1)	Major
LM-502	RANGE LIVESTOCK PRODUCTION	2(1-1)	Major
LM-504	PRINCIPLES OF SMALL RUMINANT PRODUCTION	2(1-1)	Major
AN-502	MINERALS AND VITAMINS IN NUTRITION	2(1-1)	Major
AN-504	NUTRIENT REQUIREMENTS OF FARM ANIMALS	2(1-1)	Major
PSci-502	POULTRY FARM MANAGEMENT	2(1-1)	Major
PSci-504	POULTRY HOUSING AND EQUIPMENTS	2(1-1)	Major
MED-506	INTRODUCTION TO FARM ANIMAL HEALTH	3(2-1)	Allied
	<b>Total</b>	<b>19</b>	
<b>SEMESTER 7</b>			
<b>Course No.</b>	<b>Title of Course</b>	<b>Credit Hours</b>	<b>Course Type</b>
ABG-601	SELECTION FOR ECONOMIC TRAITS IN FARM ANIMALS	2(1-1)	Major
LM-601	PRINCIPLES OF MILK PRODUCTION	2(1-1)	Major

AN-601	PRINCIPLES OF POULTRY NUTRITION	2(1-1)	Major
PSci-601	POULTRY HYGIENE AND DISEASE PREVENTION	2(1-1)	Major
	<b>Sub Total</b>	<b>8</b>	

**List of Elective Courses**

(Students will take any four courses from the given list)

ABG-603	ANIMAL BREEDING PRACTICES	3(2-1)	Major Elective
ABG-605	BEEF BREEDING	3(2-1)	Major Elective
ABG-607	DAIRY ANIMAL BREEDING	3(2-1)	Major Elective
ABG-609	INTERNATIONAL ANIMAL BREEDING	3(3-0)	Major Elective
LM-603	PRINCIPLES OF MEAT PRODUCTION	3(2-1)	Major Elective
LM-605	DRAUGHT ANIMAL PRODUCTION	3(2-1)	Major Elective
LM-607	BEHAVIOR AND WELFARE OF FARM ANIMALS	3(2-1)	Major Elective
AN-603	FEEDING OF FARM ANIMALS	3(2-1)	Major Elective
AN-605	FEED EVALUATION, FORMULATION AND PROCESSING TECHNOLOGY	3(2-1)	Major Elective
PSci -603	POULTRY FEEDING PRACTICES	3(2-1)	Major Elective
AR-601	PHYSIOLOGY OF REPRODUCTION	3(2-1)	Allied Elective
	<b>Sub Total</b>	<b>12</b>	
	<b>Total</b>	<b>20</b>	

**SEMESTER 8**

<b>Course No.</b>	<b>Title of Course</b>	<b>Credit Hours</b>	<b>Course Type</b>
AH-602	INTERNSHIP	3(0-3)	Major
AH-604	CAPSTONE PROJECT	3(0-3)	Major
	<b>Total</b>	<b>6</b>	