

COLLEGE OF AGRICULTURE
DEPARTMENT OF ANIMAL SCIENCE

Revised Curriculum for Bachelor of Agriculture Degree in Animal Science

100 LEVEL HARMATTAN SEMESTER

CODE	COURSE TITLE	UNITS	STATUS
BIO 101	Basic Biology I	3	C
BIO 107	Experimental Biology I	1	C
CHM 101	General Chemistry I	3	C
CHM 107	Experimental Chemistry I	1	C
MTH 101	General Mathematics 1	3	C
PHY 101	General Physics I	3	C
PHY 107	Experimental Physics I	1	C
GNS 101	Use of English I	2	R
GNS 103	Use of Library	1	R
	TOTAL	18	

100 LEVEL RAIN SEMESTER

CODE	COURSE TITLE	UNITS	STATUS
BIO 102	Basic Biology II	3	C
BIO 108	Experimental Biology II	1	C
CHM 102	General Chemistry II	3	C
CHM108	Experimental Chemistry II	1	C
MTH 102	General Mathematics II	3	C
PHY 102	General Physics II	3	C
PHY108	Experimental Physics II	1	C
GNS 102	Use of English II	2	R
GNS 104	Nigeria People and Culture	2	R
	TOTAL	19	

200 LEVEL HARMATTAN SEMESTER

CODE	COURSE TITLE	UNITS	STATUS
AGN 201	Introduction to General Agriculture	2	C
AGN 203	Principles of Crop Production	2	C
AGN 205	Crop Anatomy, Taxonomy & Physiology	2	C
FWM 201	Principles of Forestry & Wildlife	2	C
ANS 201	Principles of Animal Production	2	C
ANS 203	Introduction to Anatomy & Physiology of Farm Animals	2	C
AEE 201	Principles of Agricultural Economics	2	C
AEE 203	Introduction of Agricultural Extension & Rural Sociology	2	C
GNS 211	Basic French	2	R
GNS 203	Introduction to Entrepreneurial Skills	2	R
	Total	20	

200 LEVEL RAIN SEMESTER

CODE	COURSE TITLE	UNITS	STATUS
AGN 202	Principles of Soil Science	2	C
AGN 204	Introduction to Organic Agriculture	2	C
AGN 206	Introduction to Climatology & Biogeography	2	C
AGN 208	Introduction to Biotechnology	2	C
ANS 204	Introduction to Agricultural Biochemistry	2	C
FWM 202	Introduction to Fisheries & Aquaculture	2	C
ANS 208	Introduction to Food Science & Technology	2	C
AEE 202	Introduction to Home Science & Management	2	C
AEE 204	Introduction to Statistics	2	C
GNS 212	Introduction to Information and Communication Technology	2	R
GNS 204	Logic and Philosophy	2	R
	TOTAL	22	

300 LEVEL HARMATTAN SEMESTER

CODE	COURSE TITLE	UNITS	STATUS
AGN 301	Production of Arable Crops	2	C
AGN 303	Crop Genetics & Breeding	2	C
AGN 305	Applied Entomology	2	C
AGN 307	Introduction to Pedology and Soil Physics	2	C
AGN 309	Introduction to Farm Machinery	2	C
AEE 301	Principles of Production Economics	2	C
AEE 305	Extension Teaching, Programme Planning & Organisation	2	C
AEE 307	Application of Computer to Agriculture	3	C
ANS 303	Non-Ruminant Animal Production	2	C
	TOTAL	19	

300 LEVEL RAIN SEMESTER

CODE	COURSE TITLE	UNITS	STATUS
AGN 302	Production of Permanent Crops	2	C
AGN 304	Plant Pathology	2	C
AGN 306	Soil Chemistry & Microbiology	2	C
AEE 302	Statistics & Data Processing	2	C
AEE 304	Fundamentals of Farm Management	2	C
ANS 302	Animal Genetics & Breeding	2	C
ANS 304	Livestock Feeding & Nutrition	2	C
ANS 306	Ruminant Animal Production	2	C
ANS 308	Agricultural Biochemistry & Methods	2	C
	TOTAL	18	

400 LEVEL HARMATTAN SEMESTER

CODE	COURSE TITLE	UNITS	STATUS
AGN 401	Harvesting, Processing & Storage of Crops	2	C
AGN 403	Production & Management of Fruits & Leafy Vegetables	1	C
AGN 405	Crop Protection & Disease Control	2	C
AGN 407	Nursery Techniques in Permanent Crop Production	1	C
AGN 409	Farm Design, Survey & Land Use Planning	2	C
AGN 411	Farm Workshop Practices	2	C
AEE 401	Economics of Crop & Livestock Production	1	C
AEE 403	Orientation for Data Collection & Processing	1	C
AEE 405	Agricultural & Rural Programme Planning, Monitoring & Evaluation	1	C
ANS 401	Techniques in Ruminant Production & Dairying	1	C
ANS 403	Techniques in Poultry & Piggery Production	1	C
ANS 405	Animal Product, Processing & Storage	1	C
	TOTAL	16	

400 LEVEL RAIN SEMESTER

CODE	COURSE TITLE	UNITS	STATUS
AGN 402	Techniques in Arable Crop Production	1	C
AGN 404	Agricultural Meteorology	1	C
AGN 406	Techniques in Soil & Water Management	2	C
AGN 408	Farm Mechanization	2	C
AEE 402	Agricultural Marketing Practices	1	C
AEE 404	Farm Records & Accounting	2	C
AEE 406	Design & Use of Extension & Media Resources	1	C
ANS 402	Techniques in Rabbit Production	1	C
ANS 404	Pasture & Range Management	1	C
ANS 406	Animal Health Management	2	C
AEE 408	Report Writing	1	C
AEE 410	Oral Interview & Spot Test	1	C
	TOTAL	16	

500 LEVEL HARMATTAN SEMESTER

CODE	COURSE TITLE	UNITS	STATUS
ANS 501	Health Management of Farm Animals	2	C
ANS 503	Applied Animal Breeding	2	C
ANS 505	Reproductive Physiology & Artificial Insemination	2	C
ANS 507	Beef Cattle, Sheep & Goat Production	2	C
ANS 509	Poultry, Swine & Rabbit Production	2	C
ANS 511	Dairy Animal Production	2	C
ANS 513	Monogastric Nutrition	2	C
ANS 515	Research & Statistical Methods In Animal Science	2	C
ANS 517	Nigeria Feeds, Feeding Stuff & Feed Analysis	2	C
Electives: Any one from the following			
ANS 519	Animal Traction	2	E
ANS 521	Game Production and Utilization	2	E
AEE 525	Administration & Programme Planning in Extension	2	E
AEE 505	Agricultural Cooperatives	2	E
	TOTAL	20	

500 LEVEL RAIN SEMESTER

CODE	COURSE TITLE	UNITS	STATUS
ANS 502	Nutritional Biochemistry	2	C
ANS 504	Animal Products & Processing	2	C
ANS 506	Ruminant Nutrition	2	C
ANS 508	Pasture & Range Management	2	C
ANS 510	Seminar	2	C
ANS 512	Research Project	4	C
ANS 516	Animal Health & Diseases	2	C
ANS 518	Economics of Livestock Production	2	C
AEE 502	Agricultural & Rural Business Management & Finance	2	C
	TOTAL	20	

B. Agric. Animal Science CCMAS Curriculum

100 LEVEL HARMATTAN SEMESTER

Course Code	Course Title	Units	Status	LH	PH
GST 111	Communication in English	2	C	15	45
BIO 101	General Biology I	2	C	30	-
BIO 107	General Biology Practical I	1	C	-	45
CHM 101	General Chemistry I	2	C	30	0
CHM 107	General Chemistry Practical I	1	C	0	45
MTH 101	Elementary Mathematics I	2	C	30	0
PHY 101	General Physics I	2	C	30	0
PHY 107	General Physics Practical I	1	C	0	45
UNIOSUN – AGE 101	Introduction to Agricultural Data Analytics	2	C	15	45
UNIOSUN – AGX 101	Basic Concepts in Agricultural Extension	2	C	30	-
TOTAL		17			

100 LEVEL RAIN SEMESTER

Course Code	Course Title	Units	Status	LH	PH
GST 112	Nigerian Peoples and Culture	2	C	30	0
AGG 102	Introduction to Agriculture I	2	C	30	-
AGG 112	Introduction to Agriculture II	1	C	15	-
BIO 102	General Biology II	2	C	30	-
BIO 108	General Biology Practical II	1	C		45
CHM 102	General Chemistry II	2	C	30	0
CHM 108	General Chemistry Practical II	1	C	0	45
MTH 102	Elementary Mathematics II	2	C	30	0
PHY 102	General Physics II	2	C	30	0
PHY 108	General Physics Practical II	1	C	0	45
UNIOSUN – ANS 102	Introduction to Animal Science	2	C	30	-
		18			