

DEPARTMENT OF ANIMAL PRODUCTION AND HEALTH

100 LEVEL 1 ST SEMESTER						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	Units
BIO 101	R	General Biology 1	2	1	3	4
CHE 101	R	General Chemistry 1	2	1	3	4
PHY 101	R	General Physics 1	2	1	0	3
PHY 103	R	General Physics III	1	1	0	2
PHY 107	R	General Physics Laboratory I	-	-	3	1
MTS 101	R	Introductory Mathematics 1	2	1	-	3
MEE 101	R	Engineering Drawing I	1	-	6	3
GNS 101	R	Use of English 1	1	1	-	2
GNS 103	R	Information Retrieval	1	-	-	1
		Total				23

100 LEVEL 2 ND SEMESTER						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	Units
BIO 102	R	General Biology II	2	1	3	4
CHE 102	R	General Chemistry II	2	1	3	4
PHY 102	R	General Physics II	2	1	0	3
MTS 102	R	Introductory Mathematics II	2	1	0	3
MEE 102	R	Workshop Practice	0	-	6	2
GNS 102	R	Use of English II	1	1	0	2
GNS 106	R	Logic and Philosophy	1	1	0	2
PHY 108	R	General Physics Lab II	0	0	3	1
		Total				21

200 LEVEL 1 ST SEMESTER						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	Units
APH 201	C	Introduction to Animal Production and Health	1	-	3	2
CSP 201	R	General Agriculture (Theory)	1	-	-	1
MET 213	R	Basic Meteorology for Agricultural Sciences	2	-	-	2
FAT 201	R	Introduction to Fisheries and Aquaculture	2	-	-	2
EWM 201	R	Introduction to Ecotourism and Wildlife Management	2	-	0	2
FST 201	R	Introduction to Food Science and Technology	2	-	-	2
CHE 203	R	Organic Chemistry 1	1	0	3	2
BCH 201	R	General Biochemistry I	2	0	3	3
AGE 201	R	Principles of Farm shop	2	-	3	3
		Total				19

<i>University Required/Audited Courses for D.E students</i>						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	Units
GNS 101	R	Use of English I	1	1	0	2
GNS 103	R	Information Retrieval	1	0	0	1
MEE 101	R	Engineering Drawing I	1	0	6	3

200 LEVEL 2ND SEMESTER						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	Units
APH 204	C	Anatomy and Physiology of Farm Animals I	2	-	3	3
CSP 202	R	Basic Soil Science	1	-	3	2
CSP 204	R	Botany of Economic Crops	1	-	3	2
CSP 210	R	General Agriculture (Practical)	-	-	6	2
FWT 202	R	Introduction to Forest Recourses Mgt and Agro-forestry	2	-	3	3
ARE 202	R	Agricultural Statistics and Field Experimentation	2	-	3	3
CSC 102	R	Introduction to Computing	2	-	3	3
PMT 210	R	Principles of Economics	2	-	3	3
		Total				21

<i>University Required/Audited Courses for D.E students</i>						
GNS 102	R	Use of English II	1	1	0	2
GNS 106	R	Logic and Philosophy	1	1	0	2
MEE 102	R	Workshop Practice	0	0	6	2

300 LEVEL 1ST SEMESTER						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	Units
APH 303	C	Animal Behaviour and Handling Techniques	2	-	3	3
APH 305	C	Principles of Animal Nutrition	2	-	3	3
APH 309	C	Anatomy and Physiology of Farm Animals II	2	-	-	2
APH 311	C	Animal Breeding and Genetics I	2	-	3	3
ARE 301	C	Principles of Agricultural Economics	2	1	-	3
AEC 305	C	Introduction to Rural Sociology	2	1	-	3
CSC 201	C	Introduction to Fortran Programming	2	-	3	3
EMT 301	R	Introduction to Entrepreneurship	2	-	-	2
		Total				22
ELECTIVES						
CSP 311	E	Introductory Plant Physiology	1	0	3	2
FAT 301	E	Aquatic Ecology	2	1	0	3
FAT 313	E	Fish and Fishery Products	2	0	0	2

300 LEVEL 2ND SEMESTER						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	Units
APH 306	C	Feeds and Feeding	2	-	3	3
APH 312	C	Pasture and Fodder Crop Production and Preservation	2	-	3	3
APH 314	C	Monogastric and Ruminant Nutrition	2	-	3	3
APH 316	C	Animal Microbiology	2	-	3	3
APH 318	C	Livestock Parasitology	2	-	3	3
APH 320	C	Muscle Biology and Meat Science	1	-	3	2
AEE 306	R	Farm Records and Analysis	2	1	-	3
EMT 302	R	Practical Skills in Entrepreneurship	-	-	9	3
		Total				23
ELECTIVES						
AEC 308	E	Extension Methods and Communication	2	1	-	3
CSP 304	E	Agronomy of Cereal and Legume Crops (Theory)	1	0	3	2
CSP 306	E	Fundamentals of Horticulture	1	-	3	2
FAT 306	E	Fish Farming Techniques	1	-	3	2

400 LEVEL 1ST SEMESTER						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	Units
APH 405	C	Livestock Diseases and Control	2	-	3	3
APH 407	C	Beef, Cattle, Sheep and Goat Production	2	-	3	3
APH 411	C	Feed Milling Technology	1	-	3	2
APH 413	C	Poultry Production	2	-	3	3
APH 415	C	Hatchery Technology	1	-	3	2
APH 423	C	Dairy Cattle Production and Dairying	2	-	3	3
APH 425	C	Swine Production	1	-	3	2
APH 427	C	Control of Clinical Diseases	1	-	3	2
FWT 409	R	Biometrics	1	1	0	2
		Total				22

ELECTIVES						
FAT 401	E	Fisheries Management and Conservation	1	1	0	2
FAT 409	E	Fish Parasites, Disease and Control	2	-	3	3
**AEE 401	E	Farm Finance, Accounting, Planning and Control	3	-	-	3
CSP 407	E	Soil Fertility and Plant Nutrition	2	-	3	3

2ND SEMESTER		LONG VACATION (SIWES)				
COURSE CODE	STATUS	COURSE TITLE	L	T	P	Units
APH 402	C	Industry-based Supervisor's Assessment	-	-	-	4
APH 404	C	FUTA Supervisor's Assessment	-	-	-	4
APH 406	C	Students Report and Seminar Presentation	-	-	-	4

		Total				12
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500 LEVEL 1ST SEMESTER						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	Units
APH 501	C	Animal Products and By-product Technology	2	-	3	3
APH 503	C	Public Health and Farm Hygiene	2	-	3	3
APH 505	C	Livestock Economics	2	1	-	3
APH 509	C	Basic Immunology and Serology	2	-	3	3
AEE 503	C	Rural Development and Adoption of Technology	2	1	-	3
APH 599	C	Final Year Student's Project	-	-	18	6
		Total				21
ELECTIVE						
ARE 501	E	Personnel and Labour Management	2	1	-	3
ARE 505	E	Price Theory and Agricultural Marketing	2	1	0	3
CSP 501	E	Soil Water Management	2	-	3	3

500 LEVEL 2ND SEMESTER						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	Units
APH 500	C	Student's Seminar	2	-	-	2
APH 504	C	Reproductive and Environmental Physiology	2	-	3	3
APH 508	C	Animal Breeding and Genetics II	2	-	3	3
APH 510	C	Rabbit and Micro livestock Production	1	-	3	2
ARE 508	R	Concept of Agribusiness	1	1	-	2
PMT 504	R	Entrepreneurship	2	1	-	3
		Total				15
ELECTIVES						
AEC 502	R	Agricultural Extension and Administration Strategies	2	1	-	3
CSP 506	R	Farm Systems	3	-	-	3
FAT 503	R	Post-Harvest Technology	2	-	3	3