

DEPARTMENT OF AGRICULTURE & RESOURCE ECONOMICS

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

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

200 LEVEL 1 <sup>ST</sup> SEMESTER						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	U
CSP 201		General Agriculture (Theory)	1	-	-	1
APH 201		Introduction to Animal Prod. & Health	1	-	3	2
AGE 201		Principles of Farm shops	2	-	3	3
CHE 203		Organic Chemistry I	1	-	3	2
BCH 201		General Biochemistry I	2	-	3	3
MET 213		Climatology and Biogeography	2	-	-	2
FAT 201		Introduction to Fisheries & Aquaculture Technology	2	-	-	2
EWM 201		Introduction to Ecotourism and Wildlife Management	2	-	-	2
<b>FST 201</b>		<b>Introduction to Food Science and Technology</b>	<b>2</b>	-	<b>2</b>	<b>2</b>
		<b>TOTAL</b>				<b>19</b>

<i>University Required/Audited Courses for D.E students</i>						
<b>GNS 101</b>	R	<b>Use of English I</b>	<b>1</b>	<b>1</b>	-	<b>2</b>
<b>MEE 101</b>	R	<b>Engineering Drawing I</b>	<b>1</b>	-	<b>6</b>	<b>3</b>
<b>GNS 103</b>	R	<b>Information Retrieval</b>	<b>1</b>	-	-	<b>1</b>



<b>200 LEVEL 2<sup>ND</sup> SEMESTER</b>						
<b>COURSE CODE</b>	<b>STATUS</b>	<b>COURSE TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>U</b>
ARE 202		Agricultural Statistics and Field Experimentation	2	-	3	3
APH 202		Anatomy and Physiology of Farm Animals	2	-	3	3
CSP 202		Basic Soil Science	1	-	3	2
CSP 204		Botany of Economic Crops	1	-	3	2
CSP 210		General Agriculture (Practical)	-	-	6	2
FWT 202		Intro. to Forest Resource Mgt. and Agroforestry	2	-	3	3
CSC 102		Introduction to Computing	2	-	3	3
<b>PMT 210</b>		<b>Principles of Economics</b>	<b>1</b>	<b>-</b>	<b>3</b>	<b>2</b>
		<b>TOTAL</b>				<b>20</b>

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

<b>300 LEVEL 1<sup>ST</sup> SEMESTER</b>						
<b>COURSE CODE</b>	<b>STATUS</b>	<b>COURSE TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>U</b>
ARE 301		Principles of Agricultural Economics	2	1	-	3
<b>EMT 301</b>		<b>Introduction to Entrepreneurship</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>2</b>
ARE 305		Introduction to Microeconomic Theory	2	1	-	3
ARE 307		Farm Accounting	2	0	-	2
ARE 309		Mathematical Economics	2	1	0	3
ARE 311		Introduction to GIS Application in Agriculture	2	0	0	2
ARE 313		Introductory Resource Economics	3	0	0	3
ARE 315		Project Planning and Appraisal	2	0	0	2
		<b>Total</b>				<b>20</b>
<b>ELECTIVES</b>						
<b>CSP 309</b>		<b>Land and Soil Management</b>	<b>1</b>	<b>-</b>	<b>3</b>	<b>2</b>
AGY 307		Principles of Remote Sensing and GIS	2	-	3	3
<b>PMT 319</b>		<b>Managerial Economics</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>3</b>
<b>AEC 311</b>		<b>Basic Principles in Rural Development Studies</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>3</b>

<b>300 LEVEL 2<sup>ND</sup> SEMESTER</b>						
<b>COURSE CODE</b>	<b>STATUS</b>	<b>COURSE TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>U</b>
ARE 302		Elements of Agricultural Economics and Policy	2	1	-	3
ARE 304		Introduction to Project Monitoring and Evaluation	2	0	-	2
<b>ARE 306</b>		<b>Farm Records and Analysis</b>	<b>2</b>	<b>1</b>	<b>-</b>	<b>3</b>
ARE 308		Principles of Farm Management	2	1	-	3
ARE 310		Introduction to Macroeconomic Theory	2	1	-	3
ARE 312		Economics of Land Use & Land Use Change	2	1	-	3
ARE 314		Introduction to Urban Agriculture	3	0	-	3
ARE 316		Application of Computer in Agriculture	2	0	-	2
EMT 302		Practical Skills in Entrepreneurship	0	0	9	3
		<b>Total</b>				<b>25</b>
<b>ELECTIVES</b>						
FAT 306		Aquaculture and Fish Farming techniques	1	-	3	2
<b>PMT 314</b>		<b>Principles of Accounting</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>3</b>
APH 302		Dairy Cattle Production and Dairying	2	-	3	3
APH 312		Pasture and Fodder Crops Production and Preservation	2	-	3	3

<b>400 LEVEL 1<sup>ST</sup> SEMESTER</b>						
<b>COURSE CODE</b>	<b>STATUS</b>	<b>COURSE TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>U</b>
ARE 401		Agricultural Finance	1	1	-	2
ARE 403		Agricultural Production Economics and Resource Use	2	1	-	3
ARE 405		Introduction to Environmental Economics	2	1	-	3
ARE 407		Seminar in Agriculture and Resource Economics	-	-	9	3
ARE 409		Farm Business Analysis	2	1	-	3
ARE 411		Intro. to Natural Resource Management and Control	2	1	-	3
<b>ARE 413</b>		<b>Project Monitoring and Control</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>2</b>
ARE 415		Research Methods in Social Sciences	3	-	-	3
		<b>Total</b>				<b>22</b>
<b>ELECTIVES</b>						
CSP 401		Crop Preservation, Processing and Storage	2	-	3	3
<b>APH 413</b>		<b>Poultry Production</b>	<b>2</b>	<b>-</b>	<b>3</b>	<b>3</b>
<b>APH 407</b>		<b>Beef, Cattle, Sheep and Goat Production</b>	<b>2</b>	<b>-</b>	<b>3</b>	<b>3</b>

<b>400 LEVEL 2<sup>ND</sup> SEMESTER</b>						
<b>COURSE CODE</b>	<b>STATUS</b>	<b>COURSE TITLE</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>U</b>
<b>ARE 402</b>		<b>Industrial Training Assessed by Industry-based Supervisors</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>
ARE 404		Industrial Training Assessed by FUTA Supervisors	-	-	-	4
ARE 406		Student's Report and Seminar Presentation	-	-	-	4
		<b>TOTAL</b>				<b>12</b>



500 LEVEL 1 <sup>ST</sup> SEMESTER						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	U
ARE 501		Personnel and Labour Management	2	0	-	2
ARE 503		Agriculture and Rural Development	2	1	-	3
ARE 505		Price Theory and Agricultural Marketing	2	1	-	3
ARE 509		Introduction to Econometrics	2	1	-	3
<b>PMT 504</b>		<b>Entrepreneurship</b>	<b>2</b>	<b>1</b>	<b>-</b>	<b>3</b>
ARE 513		Economics of Climate Change	2	0	-	2
<b>ARE 515</b>		<b>Microeconomic Theory</b>	<b>2</b>	<b>1</b>	<b>-</b>	<b>3</b>
<b>ARE 599</b>		<b>Final Year Student's Project</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>6</b>
		<b>TOTAL</b>				<b>25</b>
<b>ELECTIVES</b>						
APH 401		Animal Products and by-products Tech.	2	-	3	3
APH 503		Public Health and Farm Hygiene	2	-	3	3
<b>PMT 315</b>		<b>Industrial Management &amp; Economic Management</b>	<b>2</b>	<b>1</b>	<b>-</b>	<b>3</b>
<b>PMT 515</b>		<b>Project Analysis</b>	<b>2</b>	<b>1</b>	<b>-</b>	<b>3</b>

500 LEVEL 2 <sup>ND</sup> SEMESTER						
COURSE CODE	STATUS	COURSE TITLE	L	T	P	U
ARE 500		Students' Seminar	-	-	-	2
ARE 502		Macroeconomic Analysis	3	0	-	3
ARE 504		Agricultural Development Administration	2	1	-	3
ARE 506		Industrial Visits	2	0	0	2
ARE 508		Concept of Agribusiness	1	1	-	2
ARE 510		Environmental Impact Assessment	1	1	-	2
ARE 512		Introduction to Operations Research	3	0	-	3
		<b>Total</b>				<b>17</b>
<b>ELECTIVES</b>						
APH 510		Rabbit and Micro livestock Production	1	-	3	2
<b>CSP 506</b>		<b>Farm Systems</b>	<b>3</b>	<b>-</b>	<b>0</b>	<b>3</b>