

### Programme Structure

#### **PROGRAMME NAME: BACHELOR OF SCIENCE IN AGRICULTURAL ECONOMICS AND RESOURCE MANAGEMENT**

**PROGRAMME CODE: ARE**

#### **YEAR ONE**

<b>First semester</b>			<b>Second Semester</b>		
<b>Codes</b>	<b>Course Title</b>	<b>Credit Hours</b>	<b>Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
CMJ 1100-1	Communication Skills	3	ECO 1203-1	Introduction to Macroeconomics	3
ZOO 1100-1	HIV/AIDS and other Emerging Diseases	3	ECO 1204-1	Mathematics for Economists II	3
ECO 1103-1	Introduction to Microeconomics	3	ECO 1205-1	Applied Statistics	3
ECO 1105-1	Economic Statistics	3	BCM 1206-1	Foundations of Accounting II	3
BCM 1103-1	Foundations of Accounting I	3	ARE 1203-1	Principles of Crop Production	4
ECO 1104-1	Mathematics for Economists I	3	ARE 1205-1	Introduction to Agricultural Economics	3
ARE 1103-1	History and Development of Kenyan Agriculture	3	ECO 1207-1	Introduction to Computers and Data Processing	4
<b>Total</b>		<b>21</b>	<b>Total</b>		<b>23</b>

#### **YEAR TWO**

<b>First semester</b>			<b>Second Semester</b>		
<b>Codes</b>	<b>Course/Unit Titles</b>	<b>Credit Hours</b>	<b>Code</b>	<b>Course/Unit Titles</b>	<b>Credit Hours</b>
BES 2100-1	Environmental Skills	3	ECO 2203-1	Intermediate Macroeconomics	3
PHG 2100-1	Critical Thinking Skills	3	ARE 2207-1	Soil Science	4
ECO 2103-1	Intermediate Microeconomics	3	ECO 2205-1	Economics of Money and Banking	3
ECO 2107-1	History of Economic Thought	3	ARE 2203-1	Agricultural Marketing I	3
ARE 2103-1	Rural sociology and Agriculture	3	ARE 2204-1	Farm power and machinery	3
ARE 2104-1	Agricultural production Economics	3	ARE 2205-1	Precision Agriculture	4
ARE 2105-1	Farming Systems	3	ARE 2206-1	Principles of Animal production	4
<b>Total</b>		<b>21</b>	<b>Total</b>		<b>24</b>

### YEAR THREE

First semester			Second Semester		
Codes	Course/Unit Titles	Credit Hours	Codes	Course/Unit Titles	Credit Hours
	<i>Core Units</i>			<i>Core Units:</i>	
ECO 3105-1	Development Economics	3	BCM 3200-1	Entrepreneurship skills	3
ECO 3106-1	Economics of Labour	3	ECO 3205-1	Research Methodology	3
ECO 3107-1	Operations Research	3	ECO 3206-1	Economics of Industry	3
ARE 3107-1	Agricultural Extension	3	AGB 3203-1	Farm business management	4
ARE 3103-1	Rural development and agriculture	3	ARE 3203-1	Natural resource management	3
ARE 3104-1	Agricultural market and price analysis	3	ARE 3204-1	Food economics and policy	3
ARE 3105-1	Agricultural marketing II	3	ARE 3205-1	Survey, Soil and Water Conservation	3
ARE 3106-1	Cooperative development and management	3	ARE 3210-1	Field attachment	6
<b>Total</b>		<b>24</b>	<b>Total</b>		<b>28</b>

### YEAR FOUR

First semester			Second Semester		
Codes	Course/Unit Titles	Credit Hours	Codes	Course/Unit Titles	Credit hours
	<i>Core Units:</i>			<i>Core Units:</i>	
ECO 4103-1	Econometrics I	3	ECO 4203-1	Econometrics II	3
ECO 4104-1	Managerial Economics	3	AGB 4204-1	Managerial accounting	3
ECO 4106-1	Data analysis and computer applications in economics	4	AGB 4206-1	Agricultural Finance and Risk Management	3
AGB 4103-1	Agribusiness Value chain analysis and management	3	ARE 4203-1	Current issues in agriculture, economics and resource management	3
ARE 4103-1	International Agricultural Trade	3	AGB 4203-1	Taxation theory and practice in Agriculture	3
ARE 4104-1	Agricultural Project Planning and Management	3	ARE 4206-1	Agricultural policy analysis	3
ARE 4105-1	Environmental Economics and Agriculture	3	ARE 4207-1	International Agricultural Finance	3
ARE 4110-1	Research Project	6	ARE 4208-1	Agricultural Law	3
<b>Total</b>		<b>28</b>	<b>Total</b>		<b>24</b>