

Programme Structure

PROGRAMME NAME: BACHELOR OF SCIENCE IN ECONOMICS AND STATISTICS

PROGRAMME CODE: ECS

YEAR ONE

First semester			Second Semester		
Code	Course Title	Credit Hours	Code	Course Title	Credit Hours
<i>CMJ 1100-1</i>	<i>Communication Skills</i>	3	ECO 1207-1	Introduction to Computer and Data Processing	3
<i>ZOO 1100-1</i>	<i>HIV/AIDS and other Emerging Diseases</i>	3	ECO 1203-1	Introduction to Macroeconomics	3
ECO 1103-1	Introduction to Microeconomics	3	ECO 1204-1	Mathematics for Economists II	3
ECO 1104-1	Mathematics for Economists I	3	ECO 1205-1	Applied Statistics	3
ECO 1105-1	Economic Statistics	3	ECS 1203-1	Probability and Distribution Theory I	3
ECO 1106-1	Kenya's Economy since Independence	3	BCM 1212-1	Business Law	3
BCM 1103-1	Foundations of Accounting I	3	BCM 1206-1	Foundations of Accounting II	3
Total		21	Total		22

YEAR TWO

First semester			Second Semester		
Code	Course/Unit Title	Credit Hours	Code	Course/Unit Title	Credit Hours
<i>BES 2100-1</i>	<i>Environmental Skills</i>	3	ECO 2203-1	Intermediate Macroeconomics	3
<i>PHG 2100-1</i>	<i>Critical Thinking skills</i>	3	ECO 2205-1	Economics of Money and Banking	3
ECO 2103-1	Intermediate Microeconomics	3	ECO 2206-1	Calculus II	3
ECO 2104-1	Production Economics	3	ECO 2207-1	History of Economic Thought II	3
ECO 2106-1	Calculus I	3	ECO 2208-1	Issues in Africa's Economic Development	3
ECO 2107-1	History of Economic Thought I	3	ECO 2209-1	Auditing and Control	3
ECS 2103-1	Bivariate Distribution	3	ECS 2203-1	Social Statistics	3
Total		21	Total		21

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YEAR THREE

First semester			Second Semester		
Code	Course/Unit Title	Credit Hours	Code	Course/Unit Title	Credit Hours
	<i>Core Units</i>			<i>Core Units:</i>	
ECO 3103-1	Advanced Microeconomics	3	BCM 3200-1	<i>Entrepreneurship and Work Skills</i>	3
ECO 3104-1	International Economics I	3	ECO 3203-1	Advanced Macroeconomics	3
ECO 3105-1	Development Economics	3	ECO 3204-1	International Economics II	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
ECO 3108-1	Agricultural Economics	3	ECO 3207-1	Development planning	3
ECS 3103-1	Econometrics I	3	ECS 3203-1	Econometrics II	3
ECS 3104-1	Test of Hypothesis	3	ECS 3210-1	Industrial Attachment	6
Total		24	Total		27

YEAR FOUR

First semester			Second Semester		
Codes	Course/Unit Title	Credit Hours	Codes	Course/Unit Title	Credit hours
	<i>Core Units:</i>			<i>Core Units:</i>	
ECO 4104-1	Managerial Economics	3	ECO 4204-1	Macroeconomic Modeling and Forecasting	3
ECO 4105-1	Macroeconomic Policy Analysis	3	ECO 4205-1	Public Finance and Fiscal Policy	3
ECO 4106-1	Data Analysis and Computer Application	4	ECS 4203-1	Stochastic Processes	3
ECS 4103-1	Applied Multivariate analysis	3	ECS 4204-1	Non-Parametric Tests	3
ECS 4104-1	Time Series Analysis	3	ECS 4205-1	Numerical Methods	3
ECS 4105-1	Theory of Estimation	3	ECS 4206-1	Applied Econometrics	3
ECS 4110-1	Research Project	6	ECS 4207-1	Statistical Quality Control	3
Total		25	Total		21