

BSc (Hons) Business Statistics with Finance – SH306

1. Objectives

This programme is designed to produce a class of business professionals conversant with rigorous statistical and quantitative techniques and able to apply their power in the business environment. Students will be trained in the analysis of data to evaluate risks and extract business intelligence that can give businesses a competitive edge in an increasingly tight playing field. This programme will pay special attention to the financial function of businesses.

2. General Entry Requirements

In accordance with the University General Entry Requirements for admission to undergraduate degree Programmes.

3. Programme Requirements

Credit in English at SC/GCE 'O' Level and Passes in two "A" level subjects including Mathematics - preference will be given to candidates having at least a "B" in Mathematics

4. Programme Duration

	Normal	Maximum
Degree	3 Years	5 Years

5. Credits per year

As per University Regulations.

6. Minimum credits required for Degree Award: 100

Breakdown as follows:

Credits from		
Core Taught Modules	Project/ Dissertation	Electives
84	10	6

Modules	Credits
Core	
STAT	54
ECON	12
DFA	18
Dissertation	10
Electives	6
Total	100

7. Assessment

Each module will be assessed over 100 marks with details as follows (unless otherwise specified):

The continuous assessment will count for 20 – 30% of the overall percentage mark of the module(s) except for the module:

Module Code	Module Name	Continuous Assessment	Examination
STAT 2003Y(3)	Statistical Computing and Data Graphics	60%	40%

Continuous assessment may be based on seminars and/or assignments and should include at least two (2) assignments/tests per module.

An overall total of 40% for combined continuous assessment and written examination components would be required to pass the module, without minimum thresholds within the individual continuous assessment and written examination. The same criterion will apply for modules being assessed jointly. Note that an overall mark for the two modules will be considered and not the individual marks for each of the two modules.

8. Submission Deadline for Dissertation

Final copy: Last week day of March of the Academic Year by 4.00 p.m. at latest.

Submission: Three copies of the dissertation (two spiral-bound copies and one soft copy in a single PDF text file on electronic storage media) should be submitted to the Faculty/Centre Registry and in addition, a soft copy of the dissertation in a single PDF text file should be uploaded on the “Turnitin’ Platform” in the final assignment submission link indicated by the Programme / Project Coordinator.

9. List of Modules – BSc (Hons) Business Statistics with Finance

CODE CORE	MODULE NAME	HRS/Wk L+P	CREDITS
STAT 1131(1)	Mathematics for Statistics	3+0	3
STAT 1008Y(1)	Uncertainty and Inference	3+0	6
STAT 1009Y(1)	Statistical Reasoning and Practical Data Handling	3+0	6
STAT 1122(1)	Operational Research I	3+0	3
ECON 1215(1)	Economics	3+0	3
DFA 1002Y(1)	Financial Theory and Practice	3+0	6
DFA 1020Y(1)	Accounting and Financial Analysis	3+0	6
STAT 2003Y(3)	Statistical Computing and Data Graphics	3+0	6
STAT 2004Y(3)	Statistical Inference and Decision Making	3+0	6
STAT 2005Y(3)	Survey Methods and Sampling Techniques	3+0	6
ECON 2004Y(3)	Money, Banking and Finance	3+0	6
DFA 2035Y(3)	Business Finance Decision Making and Applications	3+0	6
STAT 3014Y(5)	Multivariate Analysis & Business Intelligence	3+0	6
STAT 3015Y(5)	Time Series Analysis and Business Forecasting	3+0	6
STAT 3017Y(5)	Generalised Linear Models and Survival Analysis	3+0	6
ECON 3022(5)	Global Finance	3+0	3
STAT 3000Y(5)	Dissertation	-	10

ELECTIVES			
STAT 3221(5)	Design and Analysis of Experiments	3+0	3
ECON 3021(5)	Econometric Analysis	3+0	3
STAT 3016Y(5)	Stochastic Processes and Stochastic Finance	3+0	6

10. Programme Plan – BSc (Hons) Business Statistics with Finance

LEVEL I

CODE CORE	MODULE NAME	HRS/WK L+P	CREDITS
STAT 1131(1)	Mathematics for Statistics ¹	3+0	3
STAT 1008Y(1)	Uncertainty and Inference	3+0	6
STAT 1009Y(1)	Statistical Reasoning and Practical Data Handling	3+0	6
DFA 1002Y(1)	Financial Theory and Practice	3+0	6
DFA 1020Y(1)	Accounting and Financial Analysis	3+0	6
ECON 1215(1)	Economics ¹	3+0	3

LEVEL II

CODE CORE	MODULE NAME	HRS/WK L+P	CREDITS
STAT 2003Y(3)	Statistical Computing and Data Graphics	3+0	6
STAT 2004Y(3)	Statistical Inference and Decision Making	3+0	6
STAT 2005Y(3)	Survey Methods and Sampling Techniques	3+0	6
STAT 1122(3)	Operational Research 1 ¹	3+0	3
DFA 2035Y(3)	Business Finance Decision Making and Applications	3+0	6
ECON 2004Y(3)	Money, Banking and Finance	3+0	6

LEVEL III

CODE CORE	MODULE NAME	HRS/WK L+P	CREDITS
ECON 3022(5)	Global Finance ¹	3+0	3
STAT 3014Y(5)	Multivariate Analysis and Business Intelligence	3+0	6
STAT 3017Y(5)	Generalised Linear Models and Survival Analysis	3+0	6
STAT 3015Y(5)	Time Series Analysis and Business Forecasting	3+0	6
STAT 3000Y(5)	Dissertation	-	10
ELECTIVES	Choose 6 CREDITS from		
STAT 3016Y(5)	Stochastic Processes and Stochastic Finance	3+0	6
STAT 3221(5)	Design & Analysis of Experiments ²	3+0	3
ECON 3021(5)	Econometric Analysis ²	3+0	3

Note: ¹- Modules taught and examined in Semester 1

²- Modules taught and examined in Semester 2