

Faculty	Natural Sciences			
Home Department	Statistics and Population Studies			
Module Topic	Quantitative Methods			
Generic Module Name	Statistics 121			
Alpha-numeric Code	STA121			
NQF Level	5			
NQF Credit Value	15			
Duration	Semester			
Proposed semester to be offered.	Second semester			
Programmes in which the module will be offered	BSc Mathematics and Statistical Sciences (3227, 3031)			
Year level	3			
Main Outcomes	<p>On completion of this module students should be able to:</p> <ul style="list-style-type: none"> • Obtain basic knowledge on questionnaire design and planning of surveys. • Analyse survey data. • Obtain informed understanding of Official Statistics. • Obtain fundamental knowledge on different data collection types. 			
Main Content	<p>Quantitative methods:</p> <ul style="list-style-type: none"> • Questionnaire design and analysis • Planning of surveys • Introduction of Official Statistics • Censuses • Vital registration (civil registration) • Surveys (general household surveys, family surveys, demographic and health surveys) 			
Pre-requisite modules	None			
Co-requisite modules	Knowledge of STA111/STA125/151 or BUS131/132 or STA141/142 or equivalent			
Prohibited module Combination	None			
Breakdown of Learning Time	Hours	Time-table Requirement per week		Other teaching modes that does not require time-table
Contact with lecturer / tutor:	42	Lectures p.w.	0	
Assignments & tasks:	0	Practicals p.w.	0	
Practicals:	6	Tutorials p.w.	0	
Assessments	60			
Selfstudy	42			
Other:	0			
Total Learning Time	150			
Method of Student Assessment	Continuous Assessment (CA): 50%			
	Final Assessment (FA): 50%			
Assessment Module type	Continuous and Final Assessment (CFA)			