

Faculty	Economic and Management Sciences		
Home Department	Economics		
Module Topic	Introductory Econometrics		
Generic Module Name	Introductory Econometrics 242		
Alpha-numeric Code	ECO242		
NQF Level	6		
NQF Credit Value	10		
Duration	Semester		
Proposed semester to be offered.	First Semester		
Programmes in which the module will be offered	BCom (1008), BCom (ECP) (1751), BCom (Law) (7211) BAdmin (1011)		
Year level	2		
Main Outcomes	<p>On completion of the module a student should be able to:</p> <ul style="list-style-type: none"> • Explain the theoretical background of econometrics. • Apply the basic tools of mathematics, statistics and econometrics to analyse the economic relationship between variables. • Apply the appropriate functional forms to derive econometric models which explain economic phenomena. • Use relevant quantitative software packages to conduct basic mathematical, statistical and econometric analysis of data, and interpret findings in an economic context. 		
Main Content	<ul style="list-style-type: none"> • Methodology of Econometrics. • Basic probability theories and probability distributions in economic context. • Assumptions of Classical Linear Regression Model (CLRM). • Using the matrix approach to Ordinary Least Squares to derive sample regression parameters. • Interval estimation and hypothesis testing to sample regression parameters. • Different functional forms of the linear regression model. • Application of Excel to conduct mathematical, statistical and econometric analysis of economic data. 		
Pre-requisite modules	ECO241 or ECO151 and ECO152		
Co-requisite modules	ECO231		
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:	33	Lectures p.w.	2
Assignments & tasks:	20	Practicals p.w.	1
Practicals:	8	Tutorials p.w.	0.5
Assessments	7		
Selfstudy	32		
Other:	0		
Total Learning Time	100		
Method of Student Assessment	Continuous Assessment (CA): 50% Final Assessment (FA): 50%		
Assessment Module type	Continuous and Final Assessment (CFA)		