

POSTGRADUATE DIPLOMA IN ECONOMICS

Qualification code: PDES21 - NQF Level 8 (120 credits)

SAQA ID: 111165, CHE NUMBER: H/H16/E154CAN

Campus where offered: Ga-Rankuwa Campus

Please note that this programme will not be offered in 2021.

REMARKS

- a. *Admission requirement(s):*
An Advanced Diploma in Economics, **or** a Baccalaureus Technologiae: Economic Management Analyses, **or** a relevant bachelor's degree, **or** an equivalent qualification at NQF Level 7.
- Holders of any other equivalent South African or international qualification may also be considered, see Chapter 1 of Students' Rules and Regulations.
- b. *Selection criteria:*
Admission is subject to selection. Please take note that all completed applications received within the published due dates will be ranked. After consideration of the Departmental Student Enrolment Plan, only the top ranking applicants will be selected. Once a programme is full, a waiting list will be in place to provide an opportunity for applicants to fill places of those who did not register on time. Applicants will be informed of their status per official letter from the Office of the Registrar, alternatively, they can check their application status on the TUT website, www.tut.ac.za.
- c. *Recognition of Prior Learning (RPL), equivalence and status:*
See Chapter 30 of Students' Rules and Regulations.
- d. *Intake for the qualification:*
January only.
- e. *Presentation:*
Day classes offered on Saturdays.
- f. *Minimum duration:*
One year.
- g. *Exclusion and readmission:*
See Chapter 2 of Students' Rules and Regulations.

CURRICULUM

ATTENDANCE

CODE	MODULE	NQF-L	CREDIT
REC108G	Research Report	(8)	(45)

FIRST SEMESTER

ECT118G	Econometrics	(8)	(15)
MIC118G	Microeconomics	(8)	(15)
MLE118G	Mathematical Economics	(8)	(15)

SECOND SEMESTER

MAE118G	Macroeconomics	(8)	(15)
---------	----------------	-----	------



plus one of the following electives:

DVE118G	Development Economics	(8)	(15)
ICY118G	Industrial Policy	(8)	(15)

TOTAL CREDITS FOR THE QUALIFICATION: **120**

MODULE INFORMATION (OVERVIEW OF SYLLABUS)

The syllabus content is subject to change to accommodate industry changes. Please note that a more detailed syllabus is available at the Department or in the study guide that is applicable to a particular module. At time of publication, the syllabus content was defined as follows:

D

DEVELOPMENT ECONOMICS (DVE118G)

1 X 3-HOUR PAPER

(Module custodian: Department of Economics)

The purpose of this module is to make students familiar with the economics of less developed countries and the ways that theoretical and empirical methodologies can be used to analyse some of these countries' economic problems. This module enables students to develop the skills required to generate original research in the field of development economics. Towards this end, students will internalise important prevailing strands in the existing literature and work on developing, organising, and conveying original insights that build on these ideas through written work. (Total tuition time: not available)

E

ECONOMETRICS (ECT118G)

1 X 3-HOUR PAPER

(Module custodian: Department of Economics)

The purpose of this module is to familiarise students with advanced topics in Econometrics. The module employs Econometrics software packages and emphasises practical laboratory sessions over and above normal lectures and tutorials. The module comprises the following advanced topics in econometrics: pooling cross sections across time (i.e. simple panel data methods), advanced panel data methods, instrumental variables estimation and two-stage least squares, simultaneous equations models, limited dependent variable models and sample selection corrections, and advanced time series topics. (Total tuition time: not available)

I

INDUSTRIAL POLICY (ICY118G)

1 X 3-HOUR PAPER

(Module custodian: Department of Economics)

The purpose of this module is to introduce students to the economic analysis of industry structure and firm behaviour under various conditions of technology, competition, and organisation. This module applies microeconomic and econometric techniques to the study of firms as organisations, market structures, strategic interaction, market efficiency and industrial policy. Furthermore, it covers game theoretic concepts, imperfect competition in static and dynamic settings, theoretical and empirical studies of collusion, entry and accommodation, product differentiation, monopolistic behaviour, vertical integration, determinants of market structure, and industrial policy and efficiency analysis. (Total tuition time: not available)

M

MACROECONOMICS (MAE118G)

1 X 3-HOUR PAPER

(Module custodian: Department of Economics)

This module will enable students to understand intermediate theories of macroeconomics and their applications using macroeconomic models. Students will be introduced to various topics in macroeconomics including theory of expectations in the context of goods and financial markets, the functioning of goods, financial and foreign exchange markets in an open economy, as well as the application of fiscal and monetary policy in the context of macroeconomic objectives. The module is intended to address some of the global and national challenges such as the development of critical economic skills and produce graduates who are socially responsible in contributing to the national development effort and social transformation. (Total tuition time: not available)



MATHEMATICAL ECONOMICS (MLE118G)**1 X 3-HOUR PAPER****(Module custodian: Department of Economics)**

This module will enable students to understand linear models and matrix algebra, linear programming, comparative statics and the concept of derivatives and differentiation with economic applications. In addition, students will learn and apply exponential and logarithmic functions and optimisation problems with economic applications. Furthermore, students will be introduced to optimal control theory with application in the natural resource management aspects. Upon completion, students are expected to apply these mathematical concepts and theories in their work-based operational research engagements and further studies to answer specific pertinent practice-based socio-economic problems in South Africa and beyond. (Total tuition time: not available)

MICROECONOMICS (MIC118G)**1 X 3-HOUR PAPER****(Module custodian: Department of Economics)**

The purpose of this module is to introduce intermediate topics central to contemporary research in microeconomics that enable students to develop analytical and problem-solving abilities applied to economic principles that link economic theory with applied work and current policy debates. The module covers the microeconomic theory and models that explain the behaviour of consumers, firms, and markets. Topics include the theory of consumer choice, the theory of the firm, partial equilibrium, general equilibrium, imperfect competition, game theory, risk and uncertainty, and market imperfections, among others. (Total tuition time: not available)

R**RESEARCH REPORT (REC108G)****CONTINUOUS ASSESSMENT****(Module custodian: Department of Economics)**

The purpose of this module is to facilitate independent study in order to develop students' knowledge of the evaluation of empirical literature, research design and data interpretation in economics. The module will provide further knowledge on the critical appraisal of evidence from published literature, qualitative and quantitative research methodologies, structured literature reviewing, ethics, data collection and analysis. Furthermore, this module enables students to distinguish between different research methodologies suitable to answer specific pertinent practice-based socioeconomic questions. Upon completion of this module students are expected to produce a publishable research paper based on the analysis of secondary data with clear research problem relevant to sub-Saharan African context. (Total tuition time: not available)

