

University of Pretoria Yearbook 2016

Analytical tools and techniques 881 (GIA 881)

Qualification	Postgraduate
Faculty	Gordon Institute of Business Science
Module credits	9.00
Prerequisites	No prerequisites.
Contact time	28 contact hours per 3 week cycle
Language of tuition	English
Academic organisation	Gordon Institute of Business S
Period of presentation	Semester 1 or Semester 2

Module content

This module examines statistical tools used in business decision-making. Statistical methods will be introduced in a non-technical manner and developed in business contexts. Topics will include understanding the differences, predictions and associations when using statistical analysis for business decision making. These techniques will underpin the use of univariate and multivariate techniques. Statistical computer packages play a major supporting role in statistical applications, and frequently-encountered spreadsheet and software packages will be utilised during the module. You will learn how to interpret the information contained in management data, and to define and analyse management problems quantitatively. You will develop an intuitive understanding of statistical techniques through explanations of methods and interpretation of real business problems. Ultimately, if you need to consult experts in this area, you will be better able to select, evaluate and use their services.

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