

# University of Pretoria Yearbook 2017

## Analytical tools and techniques 785 (GIA 785)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	<a href="#">Gordon Institute of Business Science</a>
<b>Module credits</b>	10.00
<b>Programmes</b>	<a href="#">PGDip General Management</a>
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	Twenty four hours
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Gordon Institute of Business S
<b>Period of presentation</b>	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 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 course of 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.

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.