

# University of Pretoria Yearbook 2022

## Analytical tools and techniques 750 (GIA 750)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	<a href="#">Gordon Institute of Business Science</a>
<b>Module credits</b>	10.00
<b>NQF Level</b>	08
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	24 contact hours
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Gordon Institute of Business Science
<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 regulations and rules for the degrees published here are subject to change and may be amended after the publication of this information.

The [General Academic Regulations \(G Regulations\)](#) and [General Student Rules](#) apply to all faculties and registered students of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations.