

# University of Pretoria Yearbook 2016

## Analytical tools and techniques 802 (GIE 802)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	<a href="#">Gordon Institute of Business Science</a>
<b>Module credits</b>	9.00
<b>Prerequisites</b>	No prerequisites.
<b>Language of tuition</b>	English
<b>Academic organisation</b>	Gordon Institute of Business S
<b>Period of presentation</b>	Semester 2

### Module content

In this module students will examine and apply statistical tools used in business decision-making. Statistical methods will be introduced in a non-technical manner and developed in business contexts. Topics include the time value of money, descriptive and inferential statistics, the basis of investment decisions, risk, net present value, the internal rate of return, and basic probability theory. Statistical computer packages play a major supporting role in statistical applications, and frequently encountered spreadsheet and software packages will be utilised during the course. Students 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.