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# University of Pretoria Yearbook 2019

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## Analytical tools and techniques 861 (GIA 861)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	<a href="#">Gordon Institute of Business Science</a>
<b>Module credits</b>	9.00
<b>Contact time</b>	Twenty four 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 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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