



University of Pretoria Yearbook 2020

Applied data science 791 (INF 791)

Qualification	Postgraduate
Faculty	Faculty of Economic and Management Sciences
Module content	<p>In this information age a lot of data is captured every day and recorded in databases, but the wealth of this data is kept locked in the databases because relatively little mining is performed on this data. This module introduces you to data mining in terms of:</p> <ul style="list-style-type: none">• The data mining process - how do you mine data?• The data mining techniques - an overview of the data mining techniques that can be used;• Practical data mining experience - a practical project mining real industry data to find unknown patterns; and• Product overviews - product demonstrations by data mining vendors.
Module credits	15.00
Programmes	BComHons Informatics BITHons Information Systems
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 1 other contact session per week, 1 web-based period per week
Language of tuition	Module is presented in English
Department	Informatics
Period of presentation	Semester 1 or Semester 2

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 each student to familiarise himself or herself 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.