



# University of Pretoria Yearbook 2021

## Applications in data science 212 (WST 212)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Economic and Management Sciences</a>
<b>Module credits</b>	12.00
<b>NQF Level</b>	06
<b>Programmes</b>	<a href="#">BCom Informatics Information Systems</a> <a href="#">BCom Investment Management</a> <a href="#">BCom Statistics and Data Science</a> <a href="#">BIT Information Systems</a> <a href="#">BSc Computer Science</a> <a href="#">BSc Information and Knowledge Systems</a> <a href="#">BSc Actuarial and Financial Mathematics</a> <a href="#">BSc Mathematical Statistics</a>
<b>Prerequisites</b>	WST 111, WST 121 or STK 110, STC 122
<b>Contact time</b>	1 practical per week, 2 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Statistics
<b>Period of presentation</b>	Semester 1

### Module content

Introductory machine learning concepts. Data base design and use. Data preparation and extraction. Statistical modelling using data base structures. Statistical concepts are demonstrated and interpreted through practical coding and simulation within a data science framework.

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