

# University of Pretoria Yearbook 2019

## Mathematical statistics 111 (WST 111)

<b>Qualification</b>	Undergraduate
<b>Faculty</b>	<a href="#">Faculty of Economic and Management Sciences</a>
<b>Module credits</b>	16.00
<b>Programmes</b>	<a href="#">BCom</a>
	<a href="#">BCom Econometrics</a>
	<a href="#">BCom Statistics</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 Applied Mathematics</a>
	<a href="#">BSc Mathematical Statistics</a>
	<a href="#">BSc Mathematics</a>
	<a href="#">BSc Meteorology</a>
	<a href="#">BSc Physics</a>
<b>Service modules</b>	Faculty of Engineering, Built Environment and Information Technology
	Faculty of Economic and Management Sciences
	Faculty of Natural and Agricultural Sciences
<b>Prerequisites</b>	At least 5 (60-69%) in Mathematics in the Grade 12 examination
<b>Contact time</b>	4 lectures per week, 1 practical 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

Characterisation of a set of measurements: Graphical and numerical methods. Random sampling. Probability theory. Discrete and continuous random variables. Probability distributions. Generating functions and moments.

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