

# University of Pretoria Yearbook 2022

## 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>NQF Level</b>	05
<b>Programmes</b>	<a href="#">BCom (Statistics and Data Science)</a>
	<a href="#">BCom</a>
	<a href="#">BCom (Econometrics)</a>
	<a href="#">BSc (Computer Science)</a>
	<a href="#">BSc (Information and Knowledge Systems)</a>
	<a href="#">BSc (Meteorology)</a>
	<a href="#">BSc (Actuarial and Financial Mathematics)</a>
	<a href="#">BSc (Applied Mathematics)</a>
	<a href="#">BSc (Chemistry)</a>
	<a href="#">BSc (Mathematical Statistics)</a>
	<a href="#">BSc (Mathematics)</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>	1 practical per week, 4 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

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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