



University of Pretoria Yearbook 2017

Engineering statistics 220 (BES 220)

Qualification Undergraduate

Faculty [Faculty of Engineering, Built Environment and Information Technology](#)

Module content Engineering systems are often subjected to variation, uncertainty and incomplete information. Mathematical statistics provides the basis for effectively handling and quantifying the effect of these factors. This module provides an introduction to the concepts of mathematical statistics and will include the following syllabus themes: data analysis, probability theory, stochastic modelling, statistical inference and regression analysis.

Module credits 8.00

Programmes [BEng Chemical Engineering](#)
[BEng Chemical Engineering ENGAGE](#)
[BEng Civil Engineering](#)
[BEng Civil Engineering ENGAGE](#)
[BEng Computer Engineering](#)
[BEng Computer Engineering ENGAGE](#)
[BEng Electrical Engineering](#)
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[BEng Mechanical Engineering ENGAGE](#)
[BEng Metallurgical Engineering](#)
[BEng Metallurgical Engineering ENGAGE](#)
[BEng Mining Engineering](#)
[BEng Mining Engineering](#)
[BEng Mining Engineering ENGAGE](#)

Prerequisites WTW 158 GS, WTW 164 GS

Contact time 1 tutorial per week, 2 lectures per week



Language of tuition Separate classes for Afrikaans and English

Academic organisation Industrial and Systems Eng

Period of presentation Semester 2

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