

University of Pretoria Yearbook 2021

Statistics 162 (STK 162)

Qualification	Undergraduate
Faculty	Faculty of Economic and Management Sciences
Module credits	7.00
NQF Level	05
Prerequisites	STK 110 GS or both STK 113 GS and STK 123 GS or both STK 133 and STK 143
Contact time	1 practical per week, 3 lectures per week
Language of tuition	Module is presented in English
Department	Statistics
Period of presentation	Quarter 1 and 4

Module content

Students can only get credit for one of the following modules: STK 120 or STK 121 or STK 162.

Statistical and economic applications of quantitative techniques:

Systems of linear equations: solving and application. Optimisation: linear, non-linear. Marginal and total functions. Stochastic and deterministic variables in statistical and economic context: producers' and consumers' surplus.

Supporting mathematical concepts. Statistical concepts are illustrated using simulation within a data science framework.

This module is also presented as an anti-semester (quarter 1) module. This is a terminating module.

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