

University of Pretoria Yearbook 2020

Sampling techniques 720 (SFT 720)

Qualification Postgraduate

Faculty [Faculty of Economic and Management Sciences](#)

Module credits 15.00

Programmes [BComHons Mathematical Statistics](#)

[BComHons Statistics and Data Science](#)

[BScHons Mathematical Statistics](#)

[BScHons Statistics and Data Science](#)

Service modules Faculty of Natural and Agricultural Sciences

Prerequisites WST 311, WST 312, WST 321, or STK 310, 320.

Contact time 1 lecture per week

Language of tuition Module is presented in English

Department Statistics

Period of presentation Semester 1

Module content

Simple random sampling. Estimation of proportions and sample sizes. Stratified random sampling. Ratio and regression estimators. Systematic and cluster sampling. Introduction to spatial statistics. Spatial sampling – both model and design based approaches.

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