

# 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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