



---

# University of Pretoria Yearbook 2020

---

## Statistics for teachers 220 (JGI 220)

**Qualification** Undergraduate

**Faculty** [Faculty of Education](#)

**Module credits** 13.00

**Programmes** [BEd Intermediate Phase Teaching](#)  
[BEd Senior Phase and Further Education and Training Teaching](#)

**Prerequisites** WTW 133 and WTW 143

**Contact time** 1 practical per week, 1 tutorial per week, 3 lectures per week

**Language of tuition** Module is presented in English

**Department** Statistics

**Period of presentation** Semester 2

### Module content

#### **Descriptive statistics:**

Sampling and the collection of data in the educational environment; frequency distributions and graphical representations. Descriptive measures of location and dispersion.

#### **Probability and inference:**

Introductory probability theory and theoretical distributions. Sampling distributions. Estimation theory and hypothesis testing of sampling averages and proportions (one and two-sample cases). Identification, use, evaluation and interpretation of statistical computer packages and statistical techniques.

---

The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.