



---

# University of Pretoria Yearbook 2022

---

## Epidemiology and Biostatistics I 711 (HME 711)

<b>Qualification</b>	UPOnline
<b>Faculty</b>	<a href="#">Faculty of Health Sciences</a>
<b>Module credits</b>	15.00
<b>NQF Level</b>	08
<b>Programmes</b>	<a href="#">PGDip (Public Health) (UPOnline)</a>
<b>Prerequisites</b>	PHM 710
<b>Contact time</b>	Fully online
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	School of Health System and Public Health
<b>Period of presentation</b>	UPOnline Short Intake

### Module content

This module introduces students to thinking “epidemiologically” and the principles of epidemiology including applied epidemiology. The module introduces software for questionnaire design and data collection. Basic principles such as rates ratios and proportions are explained. Key study designs used in epidemiology include cross-sectional, cohort, case-control, ecological, randomised control trials and sub-groups are introduced. This module introduces students to the development and application of statistical reasoning and methods addressing, analysing, and solving problems in public health-, health care-, and biomedical, clinical-, and population-based research.

---

The regulations and rules for the degrees published here are subject to change and may be amended after the publication of this information.

The [General Academic Regulations \(G Regulations\)](#) and [General Student Rules](#) apply to all faculties and registered students of the University, as well as all prospective students who have accepted an offer of a place at the University of Pretoria. On registering for a programme, the student bears the responsibility of ensuring that they familiarise themselves with the General Academic Regulations applicable to their registration, as well as the relevant faculty-specific and programme-specific regulations and information as stipulated in the relevant yearbook. Ignorance concerning these regulations will not be accepted as an excuse for any transgression, or basis for an exception to any of the aforementioned regulations.