



University of Pretoria Yearbook 2020

Epidemiology and Biostatistics I 711 (HME 711)

Qualification	UPOnline
Faculty	Faculty of Health Sciences
Module credits	15.00
Programmes	PGDip in Public Health (UPOnline)
Prerequisites	PHM 710
Contact time	Fully online
Language of tuition	Module is presented in English
Department	School of Health System and Public Health
Period of presentation	UPOnline Short Intake 1 - 6

Module content

This module introduces learners 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 learners 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 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 each student to familiarise himself or herself 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.