



University of Pretoria Yearbook 2021

Epidemiology and Biostatistics I 711 (HME 711)

Qualification	UPOnline
Faculty	Faculty of Health Sciences
Module credits	15.00
NQF Level	08
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

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.

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