

University of Pretoria Yearbook 2020

Epidemiology 2 752 (HME 752)

Qualification	Postgraduate
Faculty	Faculty of Health Sciences
Module credits	15.00
Prerequisites	PHM 773, HME 751, BOS 752
Contact time	2 weeks
Language of tuition	Module is presented in English
Department	School of Health System and Public Health
Period of presentation	Year

Module content

Intermediate epidemiological concepts and topics building upon learning that has taken place in the introductory epidemiology module; further study design (including different types of trials); Consort guidelines; Stratification and standardisation of rates; Good clinical practice principles; DAGs; Structural equation modelling; systematic reviews including meta-analysis techniques and methods; Principle components analysis; Propensity score matching; case-cross-over designs; polytomous regression; exact logistic regression; predictive models; repeated measurements (GEE and also fixed/random effects models).

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