

# University of Pretoria Yearbook 2021

## Epidemiology 2 752 (HME 752)

<b>Qualification</b>	Postgraduate
<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="#">BScHons Epidemiology and Biostatistics</a>
<b>Prerequisites</b>	PHM 773, HME 751, BOS 752
<b>Contact time</b>	2 weeks
<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>	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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