

505-102 Epidemiology

Credit Points:	12.500
Level:	Graduate/Postgraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus. Classroom
Time Commitment:	Contact Hours: 2 hours per week (runs concurrently with 505-101) Total Time Commitment: Students will be expected to undertake additional study (i.e. outside the stated contact hours) of at least 4 to 5 hours for each hour of contact in this subject
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p>
Coordinator:	Victorian Consortium for Public Health
Subject Overview:	<p>The aim of this unit is to provide students with basic quantitative skills necessary for the practice of general public health and to enable students to critically evaluate the published epidemiological literature. The unit provides an introduction to descriptive and analytical epidemiology, case-control studies, cohort studies, clinical trials, risk and causation, bias, confounding, health program evaluation and measurement theory.</p> <p>At the completion of this unit, students should be able:</p> <ul style="list-style-type: none"> • to explain the methods and applications of descriptive and analytical epidemiology; • to explain the strengths and weaknesses of different epidemiological study designs; • to solve problems relating to the principal epidemiological concepts; • to critically appraise epidemiological papers, and; • to explain the uses of epidemiology in the practice of public health.
Assessment:	To be advised
Prescribed Texts:	To be advised
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	Level: 400
Links to further information:	http://www.sph.unimelb.edu.au
Notes:	This subject is a Master of Public Health Consortium subject.

	Subject Coordinator: Dr Flavia Cicuttini, Monash University
Related Course(s):	Master of Public Health