

POPH90014 Epidemiology

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: March, Parkville - Taught on campus. Classroom
Time Commitment:	Contact Hours: One 1-hour lecture and one 1-hour tutorial 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:	None
Contact:	Professor Flavia Cicuttini, Monash University Victorian Consortium of Public Health OR Academic Programs Office Melbourne School of Population Health Tel: +61 3 8344 9339 Fax: +61 3 8344 0824 Email: sph-gradinfo@unimelb.edu.au
Subject Overview:	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.
Objectives:	At the completion of this unit, students should be able: <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:	One short answer written test held mid semester (35%) One short answer written test held at the end of semester (40%). One short answer assignment during the semester (25%)
Prescribed Texts:	None
Recommended Texts:	Beaglehole R, Bonita R and Kjellström T. <i>Basic Epidemiology</i> , World Health Organization: Geneva. Hennekens, C H and Buring J E. <i>Epidemiology in Medicine</i> , Little Brown Co; Boston. Jekel, J.F., Elmore, J.G., Katz, D.L. (2007) <i>Epidemiology, biostatistics and preventive medicine</i> . W.B. Saunders Company.
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:	-
Links to further information:	http://www.sph.unimelb.edu.au
Notes:	This subject is a Master of Public Health Consortium subject.
Related Majors/Minors/ Specialisations:	Health Economics/Economic Evaluation Health Program Evaluation International Health Primary Care Sexual Health Social Health Women's Health