505-974 Epidemiology in Practice

Credit Points:	12.500
Level:	Graduate/Postgraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 2, - Taught on campus. Block
Time Commitment:	Contact Hours: 5 contact days over semester weeks 5 to 8. Total Time Commitment: Students will be expected to undertake additional study averaging 80 hours in total through to end of assessment.
Prerequisites:	505-969 Epidemiology & Analytic Methods I or equivalent 505-970 Epidemiology & Analytic Methods II or equivalent 505-973 Study Design in Epidemiology 505-971 Linear & Logistic Regression (Pre-requisite or Co-requisite)
Corequisites:	505-971 Linear & Logistic Regression (Pre-requisite or Co-requisite)
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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. 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
Coordinator:	Centre for MEGA Epidemiology, Pop Hlth
Subject Overview:	This subject will build on the principles and methods covered in Epidemiology and Analytic Methods I and 11 and Study Designs in Epidemiology, focussing on the application of epidemiologic methods in a range of clinical and population-based settings. Subject content includes screening and diagnostic testing, surveillance of health events, systematic reviews and grant writing and preparation of scientific manuscripts. Practical aspects of running an epidemiologic study will be covered including participant recruitment, linking databases, collecting biological specimens, project management and ethical issues. Analytic methods are taught in applied epidemiologic contexts using the Stata statistical software package.
Assessment:	One assignment (up to 1000 words) worth 20% due on 3rd contact day (2nd contact week), One 10 minute small group oral presentation (10%) on 4th contact day, One 20 minutes group oral presentation (10%) 5th contact day. The final assessment task is an assignment (up to 2000 words) worth 60% due 3 to 4 weeks after the final contact session.
Prescribed Texts:	None
Recommended Texts:	None **Special computer skills required**: Students are expected to have experience using the Stata statistical package for multivariate analytic methods.
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:** 500
Links to further information:	http://www.sph.unimelb.edu.au
Notes:	This subject is a group 1 elective in the Master of Public Health **Subject Coordinator:** Dr Shyamali Dharmage 8344 0737
Related Course(s):	Master of Epidemiology Master of Public Health