POPH90110 Research Project in Epidemiology/Biostat

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus. Supervised Project
Time Commitment:	Contact Hours: Regular meetings with supervisor, one hour weekly or fortnightly. Total Time Commitment: Total time commitment is expected to average 10 hours per week.
Prerequisites:	No specific prerequisites, but students must have either passed or be concurrently enrolled in subjects that are relevant to their project (505-104 Introductory Epidemiology, 505-969 Epidemiology & Analytic Methods I, 505-970 Epidemiology & Analytic Methods II or equivalent, 505-973 Study Design in Epidemiology, 505-971 Linear & Logistic Regression, 505-972 Survival and Regression for rates, 505-926 Genetic Epidemiology, 505-933 Molecular Epidemiology, 505-929 Infectious Disease Epidemiology, 505-519 Data Management in Clinical Studies, 505-520 Database Systems in Epidemiological Studies).
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	None
Coordinator:	Assoc Prof Mark Jenkins
Contact:	Centre for Molecular, Environmental, Genetic and Analytic (MEGA) Epidemiology Tel: +61 3 8344 0671 Email: epi-info@unimelb.edu.au 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:	To develop a question in epidemiology which can be answered through the scientific method and to attempt to answer the question either by a critical review of the published and unpublished literature or by a meta-analysis of the published and unpublished literature, or by the analysis of an existing data set, or by the development of a protocol.
Objectives:	Following the completion of this subject, students will have developed a range of skills and a sound understanding of research methods that will enable them to: critically appraise the research literature relevant to their proposal; formulate a research question; provide a rationale for the choice of research question, the research design and analytic methods; summarise, analyse and interpret research findings; present their research as formal oral presentations; and write up their research as a research report &/or as a journal manuscript.
Assessment:	A 15-minute verbal presentation (10%); a final 15-minute presentation (20%); a written submission, suitable for publication of between 5,000-8,000 words (70%). Students must pass the written research report assessment, and must receive a combined score for the research report and the presentations of at least 50% in order to pass this subject.

Prescribed Texts:	None
Recommended Texts:	None
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 Research Project.
Related Majors/Minors/ Specialisations:	Epidemiology and Biostatistics