

POPH90114 Minor Thesis - Master of Epidemiology

Credit Points:	25
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/s, one hour weekly or fortnightly. Total Time Commitment: Total time commitment is expected to average 20 hours per week.
Prerequisites:	Students must have passed any of the following subjects that may be relevant to their project: Observational Epidemiology, Clinical Epidemiology and EBM, Intermediate Biostatistics, Multivariate Biostatistics, Genetic Epidemiology, Molecular Epidemiology, Infectious Disease Epidemiology, Data Management in Clinical Studies, Databases 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 by a critical review of the published and published literature, the development of a protocol and the collection and analysis of data.
Objectives:	On completion of this subject, students will have: <ul style="list-style-type: none"> # developed a range of skills and an understanding of research methods to an advanced level. # formulated a hypothesis, # conducted a critical appraisal of the literature, # designed a study, collect data, analyse the data, and interpret and summarise their findings. # selected and justified an issue or problem of public health importance; # completed a critical review and evaluation of the published literature and grasped the problems of methodology and analysis; # selected and described an appropriate sample and methods for selecting a sample; # selected and described an appropriate research design; # selected and justified appropriate methods for data analysis; # sought and obtained ethics approval;

	<ul style="list-style-type: none"> # demonstrated skill in using appropriate methods to collect and analyse a set of public health data; # demonstrated skill in interpreting the analysis of the data in such a way that has relevance for public health policy or practice; demonstrated skill in writing up the results in the form of a research project and oral presentation/answering questions.
Assessment:	A 15-minute verbal presentation (5%); a final 15-minute presentation (15%); a written submission, suitable for publication between 10,000-15,000 words to be assessed by an external examiner (80%). Students must pass the written research report assessment, and must receive a combined score for the research report and the presentations of a least 50% in order to pass this subject.
Prescribed 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 not available in the Master of Public Health.
Related Course(s):	Master of Epidemiology