505-931 Minor Thesis - Master of Epidemiology

Credit Points:	50.00
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 1, - Taught on campus. Semester 2, - 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:	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:	Assoc Prof Mark Jenkins
Contact:	Centre for Molecular, Environmental, Genetic & Analytic Epidemiology School of Population Health
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: # 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;

	# 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
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