505-925 Research Project in Epidemiology/Biostat

Credit Points:	25.00
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, 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:	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through the scientific method and to attempt to answer the question either by a critical review of the published and unpublished literature or by a meta-analysis of the published and unpublished literature, or by the analysis of an existing data set, or by the development of a protocol.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
Links to further information:	http://www.sph.unimelb.edu.au
Notes:	This subject is a Master of Public Health Research Project.
Related Course(s):	Master of Public Health