

## POPH90219 Research Project: Epidemiology/Biostat

<b>Credit Points:</b>	25																								
<b>Level:</b>	9 (Graduate/Postgraduate)																								
<b>Dates &amp; Locations:</b>	2014, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus. Supervised Project completed in one semester.																								
<b>Time Commitment:</b>	Contact Hours: 36 hours: attendance at a half-day research training skills workshop (week 1 of semester), approximately fortnightly supervisor meetings, attendance at a half-day session of student presentations (week 5), attendance at two full day sessions for student oral presentations (week 11). Total Time Commitment: 240 Hours																								
<b>Prerequisites:</b>	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>POPH90014 Introduction to Epidemiology</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>POPH90013 Biostatistics</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>POPH90144 Linear &amp; Logistic Regression</td> <td>July</td> <td>12.50</td> </tr> </tbody> </table> <p>AND one of the following</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>POPH90146 Study Design in Epidemiology</td> <td>Not offered 2014</td> <td>12.50</td> </tr> <tr> <td>POPH90243 Clinical Epidemiology</td> <td>April</td> <td>12.50</td> </tr> <tr> <td>POPH90242 Observational Epidemiology</td> <td>July</td> <td>12.50</td> </tr> </tbody> </table> <p>Students must have also completed other MPH subjects that are relevant to the proposed research topic. Students entering the MPH from 2011 must have a weighted average mark of at least 70% for all relevant subjects to be eligible to enrol in the research project. Successful research project applicants will be selected on the basis of academic merit.</p>	Subject	Study Period Commencement:	Credit Points:	POPH90014 Introduction to Epidemiology	Semester 1	12.50	POPH90013 Biostatistics	Semester 1	12.50	POPH90144 Linear & Logistic Regression	July	12.50	Subject	Study Period Commencement:	Credit Points:	POPH90146 Study Design in Epidemiology	Not offered 2014	12.50	POPH90243 Clinical Epidemiology	April	12.50	POPH90242 Observational Epidemiology	July	12.50
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<b>Corequisites:</b>	None																								
<b>Recommended Background Knowledge:</b>	None																								
<b>Non Allowed Subjects:</b>	None																								
<b>Core Participation Requirements:</b>	For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website.																								
<b>Coordinator:</b>	Dr Melanie Matheson																								
<b>Contact:</b>	<a href="mailto:mcmat@unimelb.edu.au">mcmat@unimelb.edu.au</a> (mailto:mcmat@unimelb.edu.au) OR Academic Programs Office Melbourne School of Population and Global Health Tel: +61 3 8344 9339																								

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<b>Subject Overview:</b>	Students will develop an epidemiological research question and attempt to answer the question either by a systematic review of the published and unpublished literature with or without a meta-analysis, or by the analysis of an existing data set, or by the development of a research protocol.
<b>Learning Outcomes:</b>	At the end of this subject, students are expected to be able to: <ul style="list-style-type: none"> <li># Develop a research question that can be addressed by epidemiological investigation,</li> <li># Justify the research question using available evidence,</li> <li># Summarise, analyse and interpret research findings,</li> <li># Write reports suitable for use by public health practitioners or write manuscripts for publication.</li> </ul>
<b>Assessment:</b>	An oral presentation of 15 minutes (10 minute presentation, 5 minutes questions), due during the fifth week of semester (15%); an oral presentation of 20 minutes (15 minutes presentation, 5 minutes questions), due during the eleventh week of semester (20%); a written research report of 5000 to 8000 words, due during the examination period (65%). Students must pass the written research report (hurdle).
<b>Prescribed Texts:</b>	None
<b>Recommended Texts:</b>	None
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Generic Skills:</b>	Upon completion of this subject, students will have developed skills in: <ul style="list-style-type: none"> <li># Critical thinking and analysis,</li> <li># Initiative, autonomy and organization,</li> <li># Problem-solving,</li> <li># Finding, evaluating and using relevant information,</li> <li># Oral communication,</li> <li># Written communication.</li> </ul>
<b>Links to further information:</b>	<a href="http://www.sph.unimelb.edu.au">http://www.sph.unimelb.edu.au</a>
<b>Notes:</b>	This subject is a Master of Public Health Research Project.
<b>Related Course(s):</b>	Master of Public Health
<b>Related Majors/Minors/Specialisations:</b>	Epidemiology and Biostatistics