

Epidemiology and Biostatistics

Year and Campus:	2013																					
Coordinator:	Professor Dallas English																					
Contact:	<p>Centre for Molecular, Environmental, Genetic and Analytic (MEGA) Epidemiology Melbourne School of Population Health Tel: +61 3 8344 0671 Email: epi-info@unimelb.edu.au</p> <p>OR</p> <p>Academic Programs Office Melbourne School of Population Health Tel: +61 3 8344 9339 Fax: +61 3 8344 0824 Email: sph-gradinfo@unimelb.edu.au</p>																					
Overview:	<p>After completing this specialisation, students will be able to design epidemiological studies and appraise epidemiological literature. Students will also develop a broad understanding and sound practical skills in biostatistics that will enable them to analyse and appropriately interpret epidemiological data.</p> <p>Depending on which electives are taken, students will develop skills in reporting the results of epidemiological studies, performing systematic reviews of epidemiological literature, including meta-analysis, and in specialised areas such as genetic epidemiology and the epidemiology of infectious diseases.</p>																					
Objectives:	-																					
Structure & Available Subjects:	<p>Standard 200 Point Program (no Advanced Standing): SIX core subjects and TEN elective subjects (Full Coursework program) OR SIX core subjects, EIGHT elective subjects and either a Research Project or Professional Practice unit</p> <p>Students granted 25 Credit Points Advanced Standing: SIX core subjects and EIGHT elective subjects OR SIX core subjects, SIX elective subjects and either a Research Project or Professional Practice unit</p> <p>Students granted 50 Credit Points Advanced Standing: FIVE core subjects and SEVEN elective subjects OR FIVE core subjects and FIVE elective subjects and either a Research Project or Professional Practice unit</p>																					
Subject Options:	<p>Core Subjects</p> <p>Student must complete POPH90217 unless they have been granted 50 points Advanced Standing (150 point program) or an exemption has been granted.</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>POPH90013 Biostatistics</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>POPH90014 Epidemiology</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>POPH90217 Foundations of Public Health</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>POPH90227 Public Health in Practice</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>POPH90231 Surveys and Qualitative Methods</td> <td>Not offered 2013</td> <td>12.50</td> </tr> <tr> <td>POPH90218 Public Health Leadership and Management</td> <td>Not offered 2013</td> <td>12.50</td> </tr> </tbody> </table> <p>Highly Recommended Electives</p>	Subject	Study Period Commencement:	Credit Points:	POPH90013 Biostatistics	Not offered 2013	12.50	POPH90014 Epidemiology	Not offered 2013	12.50	POPH90217 Foundations of Public Health	Not offered 2013	12.50	POPH90227 Public Health in Practice	Not offered 2013	12.50	POPH90231 Surveys and Qualitative Methods	Not offered 2013	12.50	POPH90218 Public Health Leadership and Management	Not offered 2013	12.50
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Subject	Study Period Commencement:	Credit Points:
POPH90146 Study Design in Epidemiology	Not offered 2013	12.50
POPH90144 Linear & Logistic Regression	Not offered 2013	12.50

Other Recommended Electives

Subject	Study Period Commencement:	Credit Points:
POPH90112 Infectious Disease Epidemiology	Not offered 2013	12.50
POPH90111 Genetic Epidemiology	Not offered 2013	12.50
POPH90147 Epidemiology in Practice	Not offered 2013	12.50
POPH90145 Survival Analysis & Regression for Rates	September	12.50

Pre-requisite Subjects for the Research Project Option

Subject	Study Period Commencement:	Credit Points:
POPH90014 Epidemiology	Not offered 2013	12.50
POPH90013 Biostatistics	Not offered 2013	12.50
POPH90144 Linear & Logistic Regression	Not offered 2013	12.50
POPH90146 Study Design in Epidemiology	Not offered 2013	12.50

Research Project

Students may apply to enrol in a Research Project in Epidemiology and Biostatistics.

Those students who do undertake (or are currently enrolled in) the Research Project please note the following important information:

- # Students who have already completed one semester of their Research Project will be completing their project over two semester's (12.5 points per semester) so please enroll in the remaining semester.
- # Students who have not commenced their Research Project have the option of applying to enrol in a year-long research project or a semester-long research project.

Subject	Study Period Commencement:	Credit Points:
POPH90110 Research Project: Epidemiology/Biostat	Not offered 2013	12.50
POPH90219 Research Project: Epidemiology/Biostat	Semester 1	25

Related Course(s):

Master of Public Health