

# POPH90117 Health Indicators and Health Surveys

<b>Credit Points:</b>	12.50								
<b>Level:</b>	9 (Graduate/Postgraduate)								
<b>Dates &amp; Locations:</b>	2010, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught online/distance. Distance								
<b>Time Commitment:</b>	Contact Hours: None Total Time Commitment: 8 - 12 hours total study time per week								
<b>Prerequisites:</b>	- <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Subject</th> <th style="width: 20%;">Study Period Commencement:</th> <th style="width: 20%;">Credit Points:</th> </tr> </thead> <tbody> <tr> <td>POPH90015 Mathematics B'Ground for Biostatistics</td> <td>Not offered 2010</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	POPH90015 Mathematics B'Ground for Biostatistics	Not offered 2010	12.50
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POPH90015 Mathematics B'Ground for Biostatistics	Not offered 2010	12.50							
<b>Corequisites:</b>	None								
<b>Recommended Background Knowledge:</b>	None								
<b>Non Allowed Subjects:</b>	None								
<b>Core Participation Requirements:</b>	None								
<b>Coordinator:</b>	Prof John Carlin								
<b>Contact:</b>	Mr Kevin McGeechan, University of Sydney Biostatistics Collaboration of Australia 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								
<b>Subject Overview:</b>	Topics include: routinely collected health-related data; quantitative methods in demography, including standardisation and life tables; health differentials; design and analysis of population health surveys, including the role of stratification, clustering and weighting.Objectives:								
<b>Objectives:</b>	On completion of this unit, students should be able to derive and compare population measures of mortality, illness, fertility and survival, be aware of the main sources of routinely collected health data and their advantages and disadvantages' and be able to collect primary data by a well-designed survey and analyse and interpret it appropriately.								
<b>Assessment:</b>	Four written assignments to be submitted during the semester, worth 20%, 26% 20% and 26% respectively (approx 8 hours work each). Contributions to online discussions worth 8% (approx 6 hours work).								
<b>Prescribed Texts:</b>	Scheaffer, R.L., Mendenhall, W, Ott, R.L, Elementary Survey Sampling, 6th Edition, Wadsworth, 2006. (ISBN 0534418058). Resources Provided to Students: Printed course notes and assignment material will be provided to students by mail (including electronic media). Special Computer Requirements: SAS or Stata Statistical software, and Microsoft Excel								
<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>	Independent problem solving, clarity of written expression, sound communication of technical concepts.
<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 not available in the Master of Public Health.
<b>Related Course(s):</b>	Master of Biostatistics Postgraduate Certificate in Biostatistics Postgraduate Diploma in Biostatistics