

POPH90117 Health Indicators and Health Surveys

Credit Points:	12.50						
Level:	9 (Graduate/Postgraduate)						
Dates & Locations:	2014, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught online/distance. Distance						
Time Commitment:	Contact Hours: None Total Time Commitment: 8 - 12 hours total study time per week						
Prerequisites:	- <table border="1" data-bbox="389 573 1485 719"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>POPH90015 Mathematics Background for Biostatistics</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	POPH90015 Mathematics Background for Biostatistics	Semester 1, Semester 2	12.50
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POPH90015 Mathematics Background for Biostatistics	Semester 1, Semester 2	12.50					
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 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.						
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Subject Overview:	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.						
Learning Outcomes:	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.						

Assessment:	One written assignment (approx 6 hours of work) due week 4 of Semester (20%) One written assignment (approx 10 hours of work) due week 7 of semester (30%) One written assignment (approx 8 hours of work) due week 10 of semester (25%) One written assignment (approx 8 hours of work) due end of semester (25%)
Prescribed Texts:	Scheaffer RL, Mendenhall W, Ott RL. Elementary Survey Sampling. 7th edition. Wadsworth 2011. ISBN 9780840053619 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
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
Generic Skills:	Independent problem solving, clarity of written expression, sound communication of technical concepts.
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 Biostatistics Postgraduate Certificate in Biostatistics Postgraduate Diploma in Biostatistics