

POPH90117 Health Indicators and Health Surveys

Credit Points:	12.50						
Level:	9 (Graduate/Postgraduate)						
Dates & Locations:	2012, 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"> <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
Subject	Study Period Commencement:	Credit Points:					
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.						
Coordinator:	Prof John Carlin						
Contact:	Professor Judy Simpson, University of Sydney Biostatistics Collaboration of Australia Email: bca@ctc.usyd.edu.au Website: www.bca.edu.au 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						
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. Objectives:						
Objectives:	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:	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).						
Prescribed Texts:	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
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