

## 505-937 Health Indicators and Health Surveys

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	Distance
<b>Time Commitment:</b>	Contact Hours: None Total Time Commitment: 8 - 12 hours total study time per week
<b>Prerequisites:</b>	505-105 Mathematical Background for Biostatistics (MBB)
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	<p>&lt;p&gt;For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.&lt;/p&gt; <p>&lt;p&gt;It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: &lt;a href="http://services.unimelb.edu.au/disability"&gt;http://services.unimelb.edu.au/disability&lt;/a&gt;&lt;/p&gt;</p> </p>
<b>Contact:</b>	<p>Mr Kevin Mcgeechan, University of Sydney</p> <p>Biostatistics Collaboration of Australia</p> <p>School of Population Health, University of Melbourne</p>
<b>Subject Overview:</b>	<p>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:</p>
<b>Objectives:</b>	<p>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.</p>
<b>Assessment:</b>	<p>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).</p>
<b>Prescribed Texts:</b>	<p>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</p>
<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