

**COURSE SPECIFICATION FORM**  
for new course proposals and course amendments

<b>Department/School:</b>	<b>School of Law</b>	<b>With effect from Academic Session:</b>	<b>January 2013</b>
<b>Course Title:</b>	Data Analysis	<b>Course Value:</b> (UG courses = unit value, PG courses = notional learning hours)	0.5
<b>Course Code:</b>	CR2012	<b>Course JACS Code:</b> (Please contact Data Management for advice)	L310
<b>Availability:</b> (Please state which teaching terms)	Spring	<b>Status:</b> (i.e.: Core, Core PR, Compulsory, Optional)	Core, 2 <sup>nd</sup> yr
<b>Pre-requisites:</b>	N/A	<b>Co-requisites:</b>	N/A
<b>Co-ordinator:</b>	Professor Rosie Meek		
<b>Course Staff:</b>	Professor Rosie Meek, Michelle Webster		
<b>Aims:</b>	<ul style="list-style-type: none"> <li>• To introduce students to techniques of quantitative and qualitative data analysis</li> <li>• To equip students with the skills to design and carry out their own analyses</li> </ul>		
<b>Learning Outcomes:</b>	<p>The unit will enable students to:</p> <ol style="list-style-type: none"> <li>1) Understand and carry out basic statistical procedure for quantitative data analysis</li> <li>2) Use a computer package for analysing quantitative data</li> <li>3) Be familiar with a large cross-sectional survey dataset</li> <li>4) Understand and use techniques of coding and analysis associated with qualitative data analysis</li> </ol>		
<b>Course Content:</b>	<p>Week 1: Variables and Levels of Measurement  Week 2: Measures of Central Tendency and Dispersion  Week 3: Reading and Producing Charts and Tables  Week 4: The Sampling Distribution of the Sample Mean  Week 5: Confidence Intervals for the Mean</p> <p>Week 7: Transcribing, Coding and Indexing Qualitative Data  Week 8: Integrating Field Notes and Interview Data  Week 9: Content and Narrative Analysis  Week 10: Discourse Analysis  Week 11: Recap/Revision</p>		
<b>Teaching &amp; Learning Methods:</b>	Each week: an hour-long lecture and an hour-long lab session. There are also several hours set aside each week for one-to-one tuition.		
<b>Details of teaching resources on Moodle:</b>	The Moodle page contains the following resources: Unit outline, assignment details, lab session instructions, lecture slides, and extracts from core readings.		
<b>Key Bibliography:</b>	<p>Fielding, J. And Gilbert, N. (2007) <i>Understanding Social Statistics</i> (2<sup>nd</sup> edition). London: Sage.</p> <p>Agresti, A. and Finlay, B. (2008) <i>Statistical Methods for the Social Sciences</i>. New Jersey: Prentice Hall.</p> <p>Argyrous, G. (2008) <i>Statistics for Research</i>. London: Sage.</p> <p>Diamond, I. and Jeffries, J. (2006) <i>Beginning Statistics</i>. London: Sage.</p> <p>Field, A. (2009) <i>Discovering Statistics Using SPSS</i>. London: Sage.</p> <p>Frankfort-Nachmias C. and Leon-Guerrero, A. (2005) <i>Social Statistics for a Diverse</i></p>		

	<p><i>Society</i>. London: Pine Forge Press.</p> <p>Levin, J. and Fox, J. A. (2006) <i>Elementary Statistics in Social Research</i>. London: Allyn and Bacon.</p>
<b>Formative Assessment &amp; Feedback:</b>	N/A
<b>Summative Assessment:</b>	<p><b>Coursework:</b> One quantitative report (50%) and a qualitative analysis (50%)</p> <p><b>Deadlines:</b> tbc</p>

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The information contained in this course outline is correct at the time of publication, but may be subject to change as part of the Department's policy of continuous improvement and development. Every effort will be made to notify you of any such changes.