

## MGMT90048 Quant Analysis for Managerial Decisions

<b>Credit Points:</b>	12.50
<b>Level:</b>	9 (Graduate/Postgraduate)
<b>Dates &amp; Locations:</b>	This subject is not offered in 2014. 1 week intensive Mode
<b>Time Commitment:</b>	Contact Hours: 20 hours of seminars taught intensively over 5 days 2 x 3 hour group case analysis sessions (held on two evenings from 6-9pm during the intensive week) Total Time Commitment: Approximately 2.5 hours of personal study per hour of class time is required to achieve a satisfactory level of performance.
<b>Prerequisites:</b>	Entry into the Master of Enterprise.
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	For the purposes of considering requests 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: <a href="http://www.services.unimelb.edu.au/disability/">http://www.services.unimelb.edu.au/disability/</a>
<b>Contact:</b>	Melbourne Business School @ Berkeley Street Level 4, 198 Berkeley Street Telephone: +61 3 8344 1670 Email: <a href="mailto:mbs-enquiries@unimelb.edu.au">mbs-enquiries@unimelb.edu.au</a> ( <a href="mailto:mbs-enquiries@unimelb.edu.au">mailto:mbs-enquiries@unimelb.edu.au</a> ) Web: <a href="http://mbs.unimelb.edu.au/">http://mbs.unimelb.edu.au/</a> ( <a href="http://mbs.unimelb.edu.au/">http://mbs.unimelb.edu.au/</a> )
<b>Subject Overview:</b>	This subject involves skill building in statistical and decision analysis methods for managers, including probability, decision trees and linear programming, and correlation and regression techniques.
<b>Learning Outcomes:</b>	Students who successfully complete this subject should: <ul style="list-style-type: none"> <li>• Understand the role of statistical analysis in managerial decision making</li> <li>• Appreciate decision modeling as a way of learning about commercial decisions</li> <li>• Understand utility and other models for understanding complex decisions</li> <li>• Be able to formulate linear programs to model business decisions</li> <li>• Appreciate a range of management science models</li> </ul>
<b>Assessment:</b>	Take-home exam, due on the Tuesday after the delivery (20%) 1,500 word assignment, due four weeks after the delivery (30%) 3,000 word field project, due eight weeks after the delivery (50%).
<b>Prescribed Texts:</b>	Course materials are provided to all participants
<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>	On successful completion of this subject students should have enhanced their skills in: <ul style="list-style-type: none"> <li># Ethical behaviour in leadership and organisations</li> <li># Analysis and problem solving</li> <li># Capacity for intellectual curiosity, creativity and independent thought</li> </ul>

	<ul style="list-style-type: none"><li># Communication of key ideas and theories within the discipline areas</li><li># Capacity for effective teamwork and collaboration</li><li># Information retrieval and application in relation to practical problems.</li></ul>
<b>Links to further information:</b>	<a href="http://www.mccp.unimelb.edu.au/subjects/quantitative-analysis-for-managerial-decisions">http://www.mccp.unimelb.edu.au/subjects/quantitative-analysis-for-managerial-decisions</a>
<b>Related Course(s):</b>	Master of Enterprise Master of Enterprise (Executive) Master of Public Administration Master of Public Administration (Enhanced)