

## Operations Research / Discrete Mathematics (specialisation of Mathematics and Statistics major)

<b>Year and Campus:</b>	2012																										
<b>Coordinator:</b>	See Mathematics and Statistics major																										
<b>Contact:</b>	See Mathematics and Statistics major																										
<b>Overview:</b>	Operations Research / Discrete Mathematics specialisation within the Mathematics and Statistics major																										
<b>Objectives:</b>	See Mathematics and Statistics major																										
<b>Structure &amp; Available Subjects:</b>	Completion of 50 points of study at Level 3.																										
<b>Subject Options:</b>	<p>All three of</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>MAST30021 Complex Analysis</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>MAST30022 Decision Making</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>MAST30012 Discrete Mathematics</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>Plus one elective selected from</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>MAST30013 Techniques in Operations Research</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>MAST30011 Graph Theory</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>MAST30001 Stochastic Modelling</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	MAST30021 Complex Analysis	Semester 1, Semester 2	12.50	MAST30022 Decision Making	Semester 2	12.50	MAST30012 Discrete Mathematics	Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	MAST30013 Techniques in Operations Research	Semester 1	12.50	MAST30011 Graph Theory	Semester 1	12.50	MAST30001 Stochastic Modelling	Semester 2	12.50
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<b>Notes:</b>	<p>This specialisation is available to new generation Bachelor of Science students (B-SCI). It is also available to Bachelor of Science students who commenced prior to 2008. The published structure of this specialisation/major includes subjects available in the current year. Pre-2008 Bachelor of Science students who completed one or more Level 3 science subjects towards this major prior to 2010 should contact the EPSC for advice on appropriate subjects to complete this major.</p>																										
<b>Related Majors/Minors/Specialisations:</b>	Mathematics and Statistics																										