

Mathematics and Statistics (Pure Mathematics specialisation)

Year and Campus:	2010																																	
Coordinator:	.																																	
Contact:	Email (http://studentadmin-unimelb.custhelp.com/cgi-bin/studentadmin_unimelb.cfg/php/enduser/ask.php?&p_srch=1&p_icf_47=945) the Science Student Centre																																	
Overview:	Major study in Mathematics and Statistics , specialising in Pure Mathematics.																																	
Objectives:	.																																	
Structure & Available Subjects:	In 2010 a number of new third year level subjects have been introduced, replacing or adding to subjects previously available within the major. Some previously offered subjects have been cancelled. The University is committed to ensuring that students are not disadvantaged by these changes and students may complete a major as defined by the current structure or a structure detailed in a previous year's handbook applicable to any year the student was enrolled in the course. Students completing third year level subjects across multiple years (e.g. in 2009 and 2010) should refer to advice within each subject entry on non-allowed subject combinations. Students unsure about the structure of their intended major should seek advice from the Science Student Centre.																																	
Subject Options:	<p>Mathematics and Statistics major (Pure Mathematics)</p> <p>Completion of 50 points of study at third year level.</p> <p>Core subject:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>MAST30005 Algebra</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table> <p>Plus either:</p> <p>620-311 Metric Spaces (Prior to 2010)</p> <p>or</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>MAST30026 Metric and Hilbert Spaces</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>Plus at least one of:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>MAST30024 Geometry</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>MAST30021 Complex Analysis</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>620-312 Linear Analysis (Prior to 2010)</p> <p>620-322 Topology (Prior to 2010)</p> <p>Plus (if only one of the previous four subjects completed) one of:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>MAST30011 Graph Theory</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>MAST30012 Discrete Mathematics</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>MAST30010 Number Theory</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	MAST30005 Algebra	Semester 1	12.50	Subject	Study Period Commencement:	Credit Points:	MAST30026 Metric and Hilbert Spaces	Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	MAST30024 Geometry	Semester 2	12.50	MAST30021 Complex Analysis	Semester 1, Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	MAST30011 Graph Theory	Semester 1	12.50	MAST30012 Discrete Mathematics	Semester 2	12.50	MAST30010 Number Theory	Semester 2	12.50
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Notes:	Please note that credit exclusions may apply. Check individual subject descriptions for further information.
Related Course(s):	Bachelor of Arts and Bachelor of Science Bachelor of Arts and Sciences Bachelor of Commerce and Bachelor of Science Bachelor of Science Bachelor of Science and Bachelor of Information Systems