

Mathematical Physics

Year and Campus:	2014																													
Coordinator:	A/Professor Harry Quiney (School of Physics) Professor Omar Foda (Department of Mathematics and Statistics)																													
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Overview:	This major combines the overviews of the Physics and the Mathematics and Statistics majors.																													
Learning Outcomes:	This major combines the objectives of the Physics and the Mathematics and Statistics majors.																													
Structure & Available Subjects:	Completion of 50 points of study at Level 3.																													
Subject Options:	<p>Both of</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>PHYC30018 Quantum Physics</td> <td>Semester 1</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>Plus 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>PHYC30017 Statistical Physics</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>PHYC30016 Electrodynamics</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table> <p>Plus 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>MAST30026 Metric and Hilbert Spaces</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>MAST30031 Methods of Mathematical Physics</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	PHYC30018 Quantum Physics	Semester 1	12.50	MAST30021 Complex Analysis	Semester 1, Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	PHYC30017 Statistical Physics	Semester 2	12.50	PHYC30016 Electrodynamics	Semester 1	12.50	Subject	Study Period Commencement:	Credit Points:	MAST30026 Metric and Hilbert Spaces	Semester 2	12.50	MAST30031 Methods of Mathematical Physics	Semester 2	12.50
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Related Course(s):	Bachelor of Science																													