

Physics (specialisation of Physics major)

Year and Campus:	2012																																									
Coordinator:	See Physics major																																									
Contact:	See Physics major																																									
Overview:	Physics specialisation within the Physics major																																									
Objectives:	See Physics major																																									
Structure & Available Subjects:	Completion of 50 points of study at Level 3.																																									
Subject Options:	<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>PHYC30018 Quantum Physics</td> <td>Semester 1</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>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 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>PHYC30012 Computational Physics</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>PHYC30014 Laboratory Work A</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> <tr> <td>PHYC30015 Laboratory Work B</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table> <p>Plus (if required as a fourth subject) 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>PHYC30019 Astrophysics</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>PHYC30011 Sub-atomic Physics</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>PHYC30020 Quantum Systems</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	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:	PHYC30012 Computational Physics	Semester 2	12.50	PHYC30014 Laboratory Work A	Semester 1, Semester 2	12.50	PHYC30015 Laboratory Work B	Semester 1, Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	PHYC30019 Astrophysics	Semester 1	12.50	PHYC30011 Sub-atomic Physics	Semester 2	12.50	PHYC30020 Quantum Systems	Semester 2	12.50
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Notes:	<p>The topic of the Science Research Project must be related to physics.</p> <p>This major 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 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>																																									
Related Majors/Minors/Specialisations:	Physics																																									