

## Chemical Physics (specialisation of Physics major)

<b>Year and Campus:</b>	2015																																			
<b>Coordinator:</b>	See Physics major																																			
<b>Contact:</b>	See Physics major																																			
<b>Overview:</b>	Chemical Physics specialisation within the Physics major																																			
<b>Learning Outcomes:</b>	See Physics major																																			
<b>Structure &amp; Available Subjects:</b>	Completion of 50 points of study at Level 3.																																			
<b>Subject Options:</b>	<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>CHEM30016 Reactivity and Mechanism</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>PHYC30016 Electrodynamics</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>PHYC30017 Statistical Physics</td> <td>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>CHEM30014 Specialised Topics in Chemistry B</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>CHEM30015 Advanced Practical Chemistry</td> <td>Semester 1</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>Students planning to complete this major should note that <b>CHEM30016 Reactivity and Mechanism</b> is a prerequisite for the subject <b>CHEM30014 Specialised Topics in Chemistry B</b>. In addition to the requirements of the major, it is recommended that students select the subjects listed above as level 3 Science elective subjects.</p>			Subject	Study Period Commencement:	Credit Points:	PHYC30018 Quantum Physics	Semester 1	12.50	CHEM30016 Reactivity and Mechanism	Semester 1	12.50	Subject	Study Period Commencement:	Credit Points:	PHYC30016 Electrodynamics	Semester 1	12.50	PHYC30017 Statistical Physics	Semester 2	12.50	Subject	Study Period Commencement:	Credit Points:	CHEM30014 Specialised Topics in Chemistry B	Semester 2	12.50	CHEM30015 Advanced Practical Chemistry	Semester 1	12.50	PHYC30014 Laboratory Work A	Semester 1, Semester 2	12.50	PHYC30015 Laboratory Work B	Semester 1, Semester 2	12.50
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<b>Notes:</b>	<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 Science Student Centre for advice on appropriate subjects to complete this major.</p>																																			
<b>Related Majors/Minors/Specialisations:</b>	Physics																																			