

# Honours Program - Chemistry

<b>Year and Campus:</b>	2016																					
<b>Coordinator:</b>	Dr Alessandro Soncini																					
<b>Contact:</b>	<p><b>Administrator</b>  Ms Andrea Oliver  School of Chemistry  Email: <a href="mailto:a.oliver@unimelb.edu.au">a.oliver@unimelb.edu.au</a> (mailto:a.oliver@unimelb.edu.au)</p>																					
<b>Overview:</b>	<p>Honours in Chemistry is a one-year program designed to extend students' knowledge and skills through a supervised research project together with advanced coursework in chemistry.</p> <p>Admission requirements</p> <p>In addition to satisfying the Bachelor of Science (Degree with Honours) entry requirements, students are required to have completed <b>stream specific prerequisite</b> (<a href="http://science.unimelb.edu.au/available-stream-requirements%20">http://science.unimelb.edu.au/available-stream-requirements%20</a>) .</p> <p>Honours in Chemistry is available as start of year intake and mid year intake.</p>																					
<b>Learning Outcomes:</b>	<p>The Honours program in Chemistry is designed to:</p> <ul style="list-style-type: none"> <li># increase the student's knowledge and understanding of chemical science;</li> <li># develop the process and practice of chemical research;</li> <li># encourage the development of individual investigative skills, critical thought and the ability to evaluate information and to analyse experimental data;</li> <li># promote the acquisition of experimental or theoretical skills in areas currently relevant to one of the research groups in the School of Chemistry;</li> <li># improve oral and written communication skills; and</li> <li># ensure that students receive essential training in laboratory safety procedures.</li> </ul>																					
<b>Structure &amp; Available Subjects:</b>	<p>Research  Students must complete 62.5 points of research.</p> <p>Coursework  Students must complete 37.5 points of coursework.</p>																					
<b>Subject Options:</b>	<p><b>Research component</b></p> <p>Students enrol in a total of 62.5 points of research project across the duration of the Honours program. This is achieved by enrolling in a combination of the following subjects in appropriate semesters to achieve a total 62.5 credit points.</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>CHEM40008 Chemistry Research Project</td> <td>Semester 1, Semester 2</td> <td>25</td> </tr> <tr> <td>CHEM40009 Chemistry Research Project</td> <td>Semester 1, Semester 2</td> <td>37.50</td> </tr> </tbody> </table> <p><b>Coursework component</b></p> <p>Students enrol in the following 3 x 12.5 point coursework subjects:</p> <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>CHEM90008 Advanced Spectroscopy</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>CHEM90009 Chemical Synthesis &amp; Characterisation 1</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>CHEM90010 Advanced Chemical Applications 1</td> <td>July</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	CHEM40008 Chemistry Research Project	Semester 1, Semester 2	25	CHEM40009 Chemistry Research Project	Semester 1, Semester 2	37.50	Subject	Study Period Commencement:	Credit Points:	CHEM90008 Advanced Spectroscopy	Semester 1	12.50	CHEM90009 Chemical Synthesis & Characterisation 1	Semester 1	12.50	CHEM90010 Advanced Chemical Applications 1	July	12.50
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<b>Links to further information:</b>	<a href="http://www.chemistry.unimelb.edu.au/fourth-year-programs-in-chemistry">http://www.chemistry.unimelb.edu.au/fourth-year-programs-in-chemistry</a>
<b>Related Course(s):</b>	Bachelor of Science (Degree with Honours)