

## PHYC40002 Physics Research Project

<b>Credit Points:</b>	25
<b>Level:</b>	4 (Undergraduate)
<b>Dates &amp; Locations:</b>	2012, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: This subject is an individual research project and weekly contact hours will vary depending on the nature of the project. Students should discuss this with their supervisor but as a guide, a student enrolled in a 50 point research project subject would be expected to be engaged in their research for an average of forty hours per week. Students enrolled in a 37.5, 25 or 12.5 point research subject would be expected to be engaged in their research on a pro-rata basis. Total Time Commitment: Not available
<b>Prerequisites:</b>	None
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	<p>&lt;p&gt;For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.&lt;/p&gt; &lt;p&gt;It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: &lt;a href="http://services.unimelb.edu.au/disability"&gt;http://services.unimelb.edu.au/disability&lt;/a&gt;&lt;/p&gt;</p>
<b>Coordinator:</b>	Dr Nicole Bell
<b>Contact:</b>	Email: <a href="mailto:msc@physics.unimelb.edu.au">msc@physics.unimelb.edu.au</a> ( <a href="mailto:msc@physics.unimelb.edu.au">mailto:msc@physics.unimelb.edu.au</a> )
<b>Subject Overview:</b>	<p>In this subject, students undertake a program of original research in one of the many research fields in which the School of Physics is active and internationally recognised: astrophysics, condensed matter physics, optics, and particle physics. The research may be experimental and/or theoretical in nature. It will be conducted under the supervision of a member of the Schools academic staff. The results will be reported in the form of a thesis.</p> <p>Students would normally enrol in a combination of Physics Research Project subjects as indicated below over two semesters of full-time study or over four semesters of part-time study, to ensure they have completed a total of 50 points by the end of their course.</p> <p>PHYC40004 Physics Research Project - 12.5 points PHYC40002 Physics Research Project - 25.0 points PHYC40007 Physics Research Project - 37.5 points PHYC40008 Physics Research Project - 50.0 points</p>
<b>Objectives:</b>	<ul style="list-style-type: none"><li># Introduce students to the current research literature in specialized areas;</li><li># engage students in their own research by participation in the activities of a research group in the School of Physics.</li></ul>
<b>Assessment:</b>	Major thesis, comprising up to 25 pages of mixed text, diagrams, and mathematical formulas, (90% of the final grade). An oral presentation lasting up to 20 minutes, (10% of final grade).

<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Related Majors/Minors/ Specialisations:</b>	Physics