

## 610-345 Inorganic Chemistry Practical III

<b>Credit Points:</b>	6.250
<b>Level:</b>	Undergraduate
<b>Dates &amp; Locations:</b>	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 48 hours practical work Total Time Commitment: 60 hours
<b>Prerequisites:</b>	610-240, or 610-241 plus 610-245. Concurrent enrolment in 610-341 is strongly recommended.
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	Credit cannot be gained for this subject and 610-340 (Before 1999: 610-341).
<b>Core Participation Requirements:</b>	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. This subject requires all students to actively and safely participate in laboratory activities. Students who feel their disability may impact upon their participation are encouraged to discuss this with the subject coordinator and the Disability Liaison Unit.
<b>Coordinator:</b>	Dr S P Best
<b>Subject Overview:</b>	<p>Upon completion of 610-345, students should have developed time and resource management skills; skills to synthesise a range of inorganic molecules; knowledge of the application and interpretation of a range of spectroscopic and physical techniques; experience in reporting the results of an experimental study; and a capacity to manage competing demands on time, including self-directed work.</p> <p>The program will consist of a number of experiments involving the synthesis and/or chemical and/or instrumental investigations of important classes of main group and transition metal coordination and organometallic compounds.</p>
<b>Assessment:</b>	Ongoing assessment of practical work in the form of short reports due during the semester (83%); a 20-minute oral examination held in the week following the completion of practical work (17%).
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	<p>This subject is a level 2 or level 3 subject and is not available to new generation degree students as a breadth option in 2008.</p> <p>This subject or an equivalent will be available as breadth in the future.</p> <p>Breadth subjects are currently being developed and these existing subject details can be used as guide to the type of options that might be available.</p> <p>2009 subjects to be offered as breadth will be finalised before re-enrolment for 2009 starts in early October.</p>
<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>Notes:</b>	Students enrolled in the BSc (pre-2008 BSc), BASc or a combined BSc course will receive science credit for the completion of this subject.
<b>Related Course(s):</b>	Bachelor of Arts and Bachelor of Science Bachelor of Arts and Sciences Bachelor of Science