CHEM30013 Chemical Research Project

Credit Points:	12.5
Level:	3 (Undergraduate)
Dates & Locations:	2015, Parkville This subject commences in the following study period/s: Summer Term, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: One lecture and 96 hours of laboratory work Total Time Commitment: Estimated total time commitment of 170 hours
Prerequisites:	New Generation BSc students Students must have completed (or be concurrently enrolled in) four third year level chemistry subjects (as defined in the chemistry major) prior to commencement of this subject. Other Science students Students must be enrolled in at least 50 points of third year level chemistry subjects, and have completed (or be concurrently enrolled in) at least one of the four third year level core subjects (as defined in the chemistry major) prior to commencement of this subject. BBiomedSc sudents are required to enrol in at least 37.5 points of third year level chemistry and have completed (or be concurrently enrolled in) at least one of the four third year level core subjects (as defined in the chemistry major) prior to commencement of this subject.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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. 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: http://services.unimelb.edu.au/disability
Coordinator:	Prof Mark Rizzacasa
Contact:	**masr@unimelb.edu.au (mailto:masr@unimelb.edu.au)**
Subject Overview:	Students will carry out a short chemical investigation under the direction of a School of Chemistry staff member. Each student will be required to prepare and deliver both a written and an oral report on the investigation.
Learning Outcomes:	At the completion of the subject, the student should comprehend the importance of a critical review of work already published in the field; the necessity for careful planning of the research work; and the importance of accurate observation and recording of data.
Assessment:	A written report of no more than 1500 words due at the end of the semester (60%); supervisor assessment of demonstrated research potential (30%); oral presentation of no more than 15 minutes duration at the end of semester (10%). Satisfactory performance in each of these assessment components is necessary to pass the subject.

Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	The subject is designed to introduce students to independent original research; to further develop practical skills; to train the student to use the chemical literature; to train the student in the art of assessing the results obtained; and to develop written and oral communication skills.
Notes:	This subject is available for science credit to students enrolled in the BSc (both pre-2008 and new degrees), BASc or a combined BSc course. Enrolment in this subject is strongly recommended for all students enrolled in 50 or more points of third year level chemistry subjects.
Related Majors/Minors/ Specialisations:	Biotechnology (pre-2008 Bachelor of Science) Chemistry Chemistry Science-credited subjects - new generation B-SCI and B-ENG.