610-399 Chemical Research Project

Credit Points:	12.50
Level:	3 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: February, - Taught on campus. September, - Taught on campus. Lecture and lab work
Time Commitment:	Contact Hours: One lecture and 96 hours of laboratory work Total Time Commitment: 120 hours total time commitment.
Prerequisites:	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:	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.
Coordinator:	Prof Ken Ghiggino, Prof Richard O'Hair
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.
Objectives:	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:	Students enrolled in the BSc (pre-2008 BSc), BASc or a combined BSc course will receive science credit for the completion of this subject.

	Enrolment in this subject is strongly recommended for all students enrolled in 75 or more points of 300-level chemistry.
Related Course(s):	Bachelor of Biomedical Science
Related Majors/Minors/ Specialisations:	Biotechnology