

MULT90012 Industry Project in Science

Credit Points:	12.5
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	This subject is not offered in 2016.
Time Commitment:	Contact Hours: One x 1/2 day workshop (held in the first week of semester), plus a minimum of 48 hours devoted to regular 1/2 day attendance each week involving meetings with industry, participation in syndicate group discussions and attendance at meetings with the project supervisor; and a minimum of 2 x one hour attendance at the Faculty of Science's Student Professional Development Program. Total Time Commitment: Students are expected to devote 170 hours to this subject including contact and non-contact hours.
Prerequisites:	Students must be enrolled in their final year of full-time or equivalent. Enrolment into this subject requires subject coordinator approval, following endorsement of the student's resume, internship application form and placement.
Corequisites:	Students must be enrolled in prescribed subjects in their final semester of full-time or equivalent study.
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements for this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/
Contact:	mdigby@unimelb.edu.au (mailto:graduate-science@unimelb.edu.au)
Subject Overview:	This subject will provide practical insights into the role of science and scientific thinking within business, and the successful application of this perspective, along with communication and business tools, to work environments. Students will be assigned to syndicate groups to address a practical industry challenge/issue which has been identified by industry. In addressing this task students will draw upon on their discipline knowledge and the skills provided in the professional tools subjects. On commencement of the project, students will be required to spend a specific time in the business setting and to then maintain regular contact with the business, as well as the project supervisor, across the duration of the subject.
Learning Outcomes:	The objectives of this subject are for students to: <ul style="list-style-type: none"> # draw together their scientific knowledge and skills developed in professional tools to solve an industry-based challenge; # gain experience in interacting with industry; # learn how to work effectively in syndicate groups; and # gain experience in how to present their solutions and ideas in a logical manner to their peers, academics and industry.
Assessment:	Charter – Up to 2 page agreement with Industry Partner as to project specifications, 5%, due early in semester. Project Plan up to 2,000 words plus appendices, 10%, due early semester. Oral Presentation of project, 15%, to be held late semester (attendance compulsory). Final Group Report up to 5,000 words plus appendices, 60%, due at the end of the semester. Industry Partner Assessment of group performance, 10%. Attendance at the

	Student Professional Development Program held in Semester 2 is a hurdle requirement in this subject. Students must attend all scheduled events.
Prescribed Texts:	None
Recommended 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:	<p>At the completion of this subject, students should gain skills in:</p> <ul style="list-style-type: none"> # leading and participating in teams and managing, persuading and influencing others; # demonstrating the breadth of knowledge gained in an inter-disciplinary approach; # applying advanced scientific analysis, communication and leadership in business and professional practice; # the exercise of critical judgement and rigorous and independent thinking; # accounting for their decisions and adopting a problem solving approach; # high level written report presentation skills; # oral communication and presentation skills; and # time management and self-management skills.
Notes:	Students undertaking this subject will be expected to regularly access an internet-enabled computer.
Related Course(s):	<p>Master of Operations Research and Management Science Master of Science (Chemistry) Master of Science (Geography)</p>
Related Majors/Minors/ Specialisations:	<p>Environmental Science Environmental Science Tailored Specialisation Tailored Specialisation</p>