

SCIE90015 Industry Project in Biotechnology

Credit Points:	25								
Level:	9 (Graduate/Postgraduate)								
Dates & Locations:	2016, Parkville This subject commences in the following study period/s: Year Long, Parkville - Taught on campus. For detailed information and the application process, refer to the Faculty of Science website: http://science.unimelb.edu.au/students/enrich-your-studies/industry-project-in-biotechnology								
Time Commitment:	Contact Hours: Four x 1/2 day workshops (held in the first two weeks of semester), plus a minimum of 48 hours devoted to regular 1/2 day attendance each week in both semesters involving meetings with industry, participation in syndicate group discussions and attendance at meetings with the project supervisor; and attendance at 2 x 1.5hrs Faculty of Science industry events/seminars. Total Time Commitment: Students are expected to devote 240 hours to this subject including contact and non-contact hours over the year.								
Prerequisites:	Admission into the MC-SCIBIT Master of Biotechnology. Students outside of the MC-SCIBIT may be allowed to enrol however will require permission from the subject coordinator.								
Corequisites:	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>SKIL90004 Project Management in Science</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	SKIL90004 Project Management in Science	Semester 1	12.50
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Recommended Background Knowledge:	None								
Non Allowed Subjects:	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>MULT90012 Industry Project in Science</td> <td>Not offered 2016</td> <td>12.50</td> </tr> </tbody> </table>			Subject	Study Period Commencement:	Credit Points:	MULT90012 Industry Project in Science	Not offered 2016	12.50
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Core Participation Requirements:	<p><p>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.</p> <p>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</p></p>								
Coordinator:	Dr Matthew Digby								
Contact:	mdigby@unimelb.edu.au (mailto:mdigby@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:	<p>The objectives of this subject are for students to:</p> <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:	<p>Charter - one page agreement with Industry Partner as to project specifications, due Wednesday of week 2 of semester: 10%Project Plan up to 1000 words plus appendices, due end of week 4 of semester 1: 10%Project "Health Check" report up to 1000 words, due end of semester 1: 10%Project progress presentation – 10 minutes, due end of week 4 of semester 2: 5%Final Group Report, 3,500 words plus appendices, due at the end of the final week of semester: 25%Final Individual Report, 3,500 words plus appendices, due at the end of the final week of semester: 25%Industry Partner Assessment of group performance, via final group 20 minute presentation, due at the end of the final week of semester: 15%Attendance at the Industry Colloquia held in Semester 2 is a hurdle requirement in this subject. Students must attend all 4 scheduled colloquia.</p>
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:	<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.
Links to further information:	http://graduate.science.unimelb.edu.au/
Related Course(s):	Master of Biotechnology