

ENST90020 Environmental Industry Research (50)

Credit Points:	50									
Level:	9 (Graduate/Postgraduate)									
Dates & Locations:	2015, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus. Semester 2, Parkville - Taught on campus.									
Time Commitment:	Contact Hours: 8 hours of subject based workshops plus regular meetings with supervisor. Total Time Commitment: Contact hours: 20 hours. Total Time Commitment: 680 hours.									
Prerequisites:	Permission from Subject Coordinator required									
Corequisites:	Students must be enrolled in, or have already completed, the following subjects: <table border="1" data-bbox="387 683 1485 889"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>MULT90005 Interdisciplinarity and the Environment</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>MULT90004 Sustainability Governance and Leadership</td> <td>March, July</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	MULT90005 Interdisciplinarity and the Environment	Semester 2	12.50	MULT90004 Sustainability Governance and Leadership	March, July	12.50
Subject	Study Period Commencement:	Credit Points:								
MULT90005 Interdisciplinarity and the Environment	Semester 2	12.50								
MULT90004 Sustainability Governance and Leadership	March, July	12.50								
Recommended Background Knowledge:	Completion of a subject that addresses the content and/or methodological techniques of the proposed research topic, or equivalent; or prior knowledge of the research topic									
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 Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of 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/									
Coordinator:	Dr Natalie Jamieson									
Contact:	njamie@unimelb.edu.au (mailto:njamie@unimelb.edu.au)									
Subject Overview:	<p>This subject allows students to conduct an substantial independent, original research project in a specified area of environment and sustainability, in collaboration with an industry partner. The project addresses a real world problem in an industry context and comprises a review of a body of literature, a review and discussion of methodology and/ or an evaluation of research or experimental protocols and some original research.</p> <p>The specific focus of the research project will be initiated by either the student arising from their keen interests and consultations with other networks and academic staff with relevant expertise, or by an industry partner. Proposals for research projects must be submitted to the subject coordinator in the semester prior to commencement in the subject. Final approval for the topic lies with the subject co-ordinator.</p> <p>The work will be equivalent to lecture and practical based subjects worth 25 points. The work commitment includes regular one hour meetings with academic and industry partner supervisors where students report on progress, difficulties and research plans. Workshops conducted by the subject coordinator will deliver skill development in research practice including oral and written report presentation, with a focus on communication of research in interdisciplinary contexts.</p>									
Learning Outcomes:	# Collaborate with industry partners to develop a substantial research project that investigates a real world problem.									

	<ul style="list-style-type: none"> # Undertake original research on topic pertaining to sustainability or environment. # Integration and application of disciplinary knowledge and skills to an independently generated research question and investigation. # Analyze and synthesize salient features and important theoretical, methodological and empirical trends in published literature and data. # Manage the practical elements of a research project that involves research partners beyond the academy. # Present research findings in clear, concise and persuasive written and verbal forms.
Assessment:	A written report based on the student's original work and additional assessment tasks as required by supervisor (from list below) to word limit (or equivalent) 20,000 words. 1. A research report weighted at no less than 60% of the final score, to be submitted at the end of semester to be assessed by the two academics of the supervisor's choice. 2. If final research report is less than 100% of assessment as determined by a supervisor, additional assessment tasks (and suggested weightings) are to be chosen by supervisors from the following list: Detailed research proposal (10-40%); Comprehensive literature review (10-40%); Research diary (hurdle or 5-20%); Lab notes (hurdle or 10-40%); Fieldnotes (hurdle or 10-40%); Presentation (10-20%); Preparation of data, specimens for museum curation and data repositories (hurdle or 10-40%); Short lay article eg opinion piece, article for 'The Conversation', brochure for practitioners, service providers and users (Hurdle or 10 – 30%). Additional assessment tasks to be submitted at dates nominated by supervisors and throughout semester and to be assessed by the supervisor or a person (or persons) of the supervisor's choice.
Prescribed Texts:	Some relevant texts will be recommended by the supervisor.
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>Students will:</p> <ul style="list-style-type: none"> # Enhance their skills in critical thinking. # Apply critical thinking skills and foundational research skills to develop and address a research question arising from a real world problem. # Demonstrate planning and time management skills. # Undertake research independently. # Demonstrate a capacity to communicate research findings clearly, comprehensively and persuasively. # Develop an understanding of how research is used by industry, and develop links with organisations in the environment and sustainability fields.
Links to further information:	http://www.environment.unimelb.edu.au/
Related Majors/Minors/Specialisations:	Climate Change Climate Change Conservation and Restoration Conservation and Restoration Development Development Education Education Energy Efficiency Modelling and Implementation Energy Efficiency Modelling and Implementation Energy Studies Energy Studies Environmental Science Environmental Science Governance, Policy and Communication Governance, Policy and Communication Integrated Water Catchment Management Integrated Water Catchment Management

Public Health
Public Health
Sustainable Cities, Sustainable Regions
Sustainable Forests
Sustainable Forests
Tailored Specialisation
Tailored Specialisation
Waste Management
Waste Management