



Unit Outline (Higher Education)

Institute / School: Institute of Innovation, Science & Sustainability

Unit Title: HONOURS RESEARCH PROJECT 1

Unit ID: SCHON4003

Credit Points: 30.00

Prerequisite(s): Nil

Co-requisite(s): Nil

Exclusion(s): Nil

ASCED: 019999

Description of the Unit:

This unit forms the first part of a year-long honours research project. The assessment for this unit is the final honours thesis, though it is expected that the first semester of the honours research year will include significant planning for your research project (in consultation with your supervisor/s), and possibly the start of data collection.

Grade Scheme: Graded (HD, D, C, P, MF, F, XF)

Work Experience:

No work experience: Student is not undertaking work experience in industry.

Placement Component: No

Supplementary Assessment: No

Supplementary assessment is not available to students who gain a fail in this Unit.

Course Level:

Level of Unit in Course	AQF Level of Course					
	5	6	7	8	9	10
Introductory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advanced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Learning Outcomes:

Knowledge:

- K1.** Demonstrate comprehensive knowledge and understanding of student`s honours research topic.

Skills:

- S1.** Determine an appropriate sampling strategy and/or method of analysis that meets the scientific objectives;
- S2.** Test hypotheses involving the collection, analysis and interpretation of data;
- S3.** Conduct laboratory and/or field-based experiments that incorporate a suitable sampling strategy;
- S4.** Assess the value and relative importance of various experimental designs, analytical techniques and interpretations of data.

Application of knowledge and skills:

- A1.** Produce a formatted, well written research thesis that communicates research findings.

Unit Content:

This unit forms the first part of a year-long honours research project. The assessment for this unit is the final honours thesis. It is expected that students will show a high degree of self-reliance, initiative and intellectual independence in conducting their honours research project. The first semester of the honours research project could include (in addition to the literature review, conducted as part of SCHON4002): identifying a research question (and refining this, if necessary, as you conduct the literature review); gaining ethics approval (if needed); choosing an appropriate experimental design; deciding how you plan to analyse data, and; organising the experiment (e.g. securing laboratory space, ordering materials, arranging field equipment, site selection). Depending on the project, student`s may or may not be collecting data in your first semester. There are no formal milestones to be achieved for either SCHON4003 Research thesis 1 or SCHON4004 Research thesis 2, other than the final submission and presentation. As such, it is the primary responsibility of the student to ensure suitable progress is being made towards a timely submission.

Topics may include:

- The unit is based on an individual research project conducted under the guidance of a research supervisor(s).

FEDTASKS

Federation University Federation recognises that students require key transferable employability skills to prepare them for their future workplace and society. FEDTASKS (**T**ransferable **A**tttributes **S**kills and **K**nowledge) provide a targeted focus on five key transferable Attributes, Skills, and Knowledge that are be embedded within curriculum, developed gradually towards successful measures and interlinked with cross-discipline and Co-operative Learning opportunities. *One or more FEDTASK, transferable Attributes, Skills or Knowledge must be evident in the specified learning outcomes and assessment for each FedUni Unit, and all must be directly assessed in each Course.*

FEDTASK attribute and descriptor	Development and acquisition of FEDTASKS in the Unit	
	Learning Outcomes (KSA)	Assessment task (AT#)

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		Learning Outcomes (KSA)	Assessment task (AT#)
FEDTASK 1 Interpersonal	<p>Students will demonstrate high-level skills to effectively communicate, interact and work with others both individually and in groups.</p> <p>Students will be required to display (in person and/or online) high-level skills in-person and/or online in:</p> <ul style="list-style-type: none"> • Effective verbal and non-verbal communication via a range of synchronous and asynchronous methods • Active listening for meaning and influencing • High-level empathy for others • Negotiating and demonstrating extended conflict resolution skills • Working respectfully in cross-cultural and diverse teams 	K1, S1, S2, S3, S4, A1	AT1
FEDTASK 2 Leadership	<p>Students will demonstrate the ability to apply leadership skills and behaviours</p> <p>Students will be required to display skills in:</p> <ul style="list-style-type: none"> • Creating, contributing to, and enabling collegial environments • Showing self-awareness and the ability to self-reflect for personal growth • Inspiring and enabling others • Making informed and evidence-based decisions through consultation with others • Displaying initiative and ability to solve problems 	K1, S1, S2, S3, S4, A1	AT1
FEDTASK 3 Critical Thinking and Creativity	<p>Students will demonstrate an ability to work in complex and ambiguous environments, using their imagination to create new ideas.</p> <p>Students will be required to display skills in:</p> <ul style="list-style-type: none"> • Reflecting critically on complex problems • Synthesising, evaluating ideas, concepts and information • Proposing alternative perspectives to refine ideas • Challenging conventional thinking to clarify concepts through deep inquiry • Proposing creative solutions in problem solving 	K1, S1, S2, S3, S4, A1	AT1

FEDTASK attribute and descriptor		Development and acquisition of FEDTASKS in the Unit	
		Learning Outcomes (KSA)	Assessment task (AT#)
FEDTASK 4 Digital Literacy	<p>Students will demonstrate the ability to work proficiently across a range of tools, platforms and applications to achieve a range of tasks</p> <p>Students will be required to display high-level skills in:</p> <ul style="list-style-type: none"> • Finding, accessing, collating, evaluating, managing, curating, organising and appropriately and securely sharing complex digital information at a high-level • Receiving and responding to messages in a range of digital media • Using digital tools appropriately to conduct research • Contributing proficiently to digital teams and working groups • Participating in and utilising digital learning opportunities 	K1, S1, S2, S3, S4, A1	AT1
FEDTASK 5 Sustainable and Ethical Mindset	<p>Students will demonstrate the ability to think ethically and sustainably.</p> <p>Students will be required to display (in person and/or online) high-level skills in-person and/or online in:</p> <ul style="list-style-type: none"> • The responsible conduct of research • Making informed judgments that consider the impact of devising solutions in multiple global economic environmental and societal contexts • Demonstrating commitment to social responsibility as a professional and a citizen • Generating research solutions which are sustainable, ethical, socially responsible and/or sustainable • Extending lifelong, life-wide and life-deep learning to be open to diverse others • Demonstrate extended actions to foster sustainability in their professional and personal life. 	Not applicable	Not applicable

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, S1, S2, S3, S4, A1	This unit forms the first part of the year-long honours research project. The honours thesis is the assessment task, and the assessment is deferred until the thesis has been assessed.	Honours thesis	100%

Adopted Reference Style:

Australian Harvard

Refer to the [library website](#) for more information

Fed Cite - [referencing tool](#)