



UNSW Course Outline

SCIF3000 Science Industry Project - 2024

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General Course Information

Course Code : SCIF3000

Year : 2024

Term : Term 3

Teaching Period : T3

Is a multi-term course? : No

Faculty : Faculty of Science

Academic Unit : Faculty of Science

Delivery Mode : In Person

Delivery Format : Standard

Delivery Location : Kensington

Campus : Sydney

Study Level : Undergraduate

Units of Credit : 6

Useful Links

[Handbook Class Timetable](#)

Course Details & Outcomes

Course Description

This course provides an opportunity for science students to apply and contextualise their disciplinary knowledge and transferrable skills on real-world science projects, offered by a partner organisation within industry, government or the not-for-profit sectors. Under the guidance

of academic supervisors and workplace mentors, students will work collaboratively in multidisciplinary science teams to deliver an outcome for an external client. The course enables students to develop teamwork, project management and problem-solving skills in a professional context and enhance their employability through experiential learning and engagement with authentic, meaningful work.

The course is available to domestic and international students.

Course Aims

The course aims to:

- increase students' understanding of how scientific thinking is applied in a professional industry context;
- enable students to apply disciplinary knowledge in multidisciplinary real-world projects;
- develop students' teamwork, project management and complex problem solving skills;
- provide an environment where students can develop their abilities in collaborative and reflective learning; and
- enhance student employability through the development of desirable workplace skills

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Apply discipline knowledge and transferable skills in the context of complex real-world science industry projects.
CLO2 : Generate solutions to meet industry client expectations.
CLO3 : Reflect on personal and professional development including project management, teamwork and problem solving.
CLO4 : Demonstrate professional skills in line with industry client expectations.
CLO5 : Communicate persuasively to a diverse group of stakeholders.

Course Learning Outcomes	Assessment Item
CLO1 : Apply discipline knowledge and transferable skills in the context of complex real-world science industry projects.	<ul style="list-style-type: none">• Final Report/Deliverable• Final Presentation• Project Plan
CLO2 : Generate solutions to meet industry client expectations.	<ul style="list-style-type: none">• Final Report/Deliverable• Final Presentation• Project Plan
CLO3 : Reflect on personal and professional development including project management, teamwork and problem solving.	<ul style="list-style-type: none">• Reflective Journal
CLO4 : Demonstrate professional skills in line with industry client expectations.	<ul style="list-style-type: none">• Final Report/Deliverable• Final Presentation• Project Plan
CLO5 : Communicate persuasively to a diverse group of stakeholders.	<ul style="list-style-type: none">• Final Report/Deliverable• Final Presentation

Learning and Teaching Technologies

Moodle - Learning Management System | Zoom

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Reflective Journal Assessment Format: Individual	20%	Due Date: Week 2: 16 September - 22 September, Week 4: 30 September - 06 October, Week 6: 14 October - 20 October, Week 8: 28 October - 03 November
Final Report/Deliverable Assessment Format: Group	50%	Due Date: Week 9: 04 November - 10 November
Final Presentation Assessment Format: Individual	15%	Due Date: Week 10: 11 November - 17 November
Project Plan Assessment Format: Group	15%	Due Date: Week 4: 30 September - 06 October

Assessment Details

Reflective Journal

Assessment Overview

Part A) Reflective Journey Entries (10%)

You will log a series of 4 reflections commenting on your personal and professional development, with a focus on client interaction, teamwork and project management.

These can be in either in the form of

2-minute videos or 250-word submissions

The submissions should be made one per fortnight, (due in Weeks 2, 4, 6, and 8).

Part B) Reflection Essay (10%)

You will submit a 1,000 word essay which reflects on your WIL experience after the project engagement has concluded. You will revisit your previous reflection submissions and comment on their progress and development throughout the engagement. You should also consider peer review feedback from fellow team members and the feedback of industry mentors and academic supervisors to reflect on strengths and limitations, and what they might need to do to improve capabilities in the future.

This task is due during formal Examination period.

Feedback on this task is available via direct consultation with your Academic Supervisor.

Course Learning Outcomes

- CLO3 : Reflect on personal and professional development including project management, teamwork and problem solving.

Generative AI Permission Level

Planning/Design Assistance

You are permitted to use generative AI tools, software or services to generate initial ideas, structures, or outlines. However, you must develop or edit those ideas to such a significant extent that what is submitted is your own work, i.e., what is generated by the tool, software or service should not be a part of your final submission. You should keep copies of your iterations to show your Course Authority if there is any uncertainty about the originality of your work.

If your Convenor has concerns that your answer contains passages of AI-generated text or media that have not been sufficiently modified you may be asked to explain your work, but we recognise that you are permitted to use AI generated text and media as a starting point and some traces may remain. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

For more information on Generative AI and permitted use please see [here](#).

Final Report/Deliverable

Assessment Overview

You will prepare and submit a report of 1000 words for your partner organisation. It should include an outline of the project and background, methodology, solution results of the data analyses, modelling, and visualisation.

Your report is due at the end of Week 9 and will be submitted online. Feedback will be provided via Turnitin.

You will receive formative feedback prior to the Final Presentation Assessment.

Course Learning Outcomes

- CLO1 : Apply discipline knowledge and transferable skills in the context of complex real-world science industry projects.
- CLO2 : Generate solutions to meet industry client expectations.
- CLO4 : Demonstrate professional skills in line with industry client expectations.
- CLO5 : Communicate persuasively to a diverse group of stakeholders.

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Final Presentation

Assessment Overview

As part of your project team, you will deliver a presentation to your partner organisation and course peers. The presentation should run for 4-5 minutes, followed by 2-3 minutes of Q&A. The content of the presentation should cover: an outline of the project, proposed solution/outcome and lessons learnt.

Although the presentation will be delivered as a team, students will be individually assessed on their performance and contribution.

Presentations will be held during your timetabled workshop class in Week 10.

Feedback on the assessed presentation is available via consultation with your Academic Supervisor.

Course Learning Outcomes

- CLO1 : Apply discipline knowledge and transferable skills in the context of complex real-world science industry projects.
- CLO2 : Generate solutions to meet industry client expectations.
- CLO4 : Demonstrate professional skills in line with industry client expectations.
- CLO5 : Communicate persuasively to a diverse group of stakeholders.

Generative AI Permission Level

Not Applicable

Generative AI is not considered to be of assistance to you in completing this assessment. If you do use generative AI in completing this assessment, you should attribute its use.

For more information on Generative AI and permitted use please see [here](#).

Project Plan

Assessment Overview

You will work collaboratively to develop a 1000-word Project Plan for your WIL project, including a team charter. Your outline should include:

- Background to the project.
- Project aims and rationale.
- Steps, milestones and timeline to complete the project.
- Team roles, responsibilities and communication strategy.
- Expected outcomes and outputs.
- Concerns and possible approaches to address stated concerns.

Your team's completed outline is due at the end of Week 4 and will be submitted online.

Feedback will be provided via Turnitin within 2 weeks of submission.

Course Learning Outcomes

- CLO1 : Apply discipline knowledge and transferable skills in the context of complex real-world science industry projects.
- CLO2 : Generate solutions to meet industry client expectations.
- CLO4 : Demonstrate professional skills in line with industry client expectations.

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General Assessment Information

Grading Basis

Standard

Course Schedule

Attendance Requirements

Attendance at all workshops is compulsory throughout the Term.

General Schedule Information

Workshops run Tuesdays of each week of Term 3 12pm-3pm.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Facilitator	Benjamin Walker					No	Yes
Convenor	Alison Beavis					No	No

Other Useful Information

Academic Information

Upon your enrolment at UNSW, you share responsibility with us for maintaining a safe, harmonious and tolerant University environment.

You are required to:

- Comply with the University's conditions of enrolment.
- Act responsibly, ethically, safely and with integrity.
- Observe standards of equity and respect in dealing with every member of the UNSW community.
- Engage in lawful behaviour.
- Use and care for University resources in a responsible and appropriate manner.
- Maintain the University's reputation and good standing.

For more information, visit the [UNSW Student Code of Conduct Website](#).

Academic Honesty and Plagiarism

Referencing is a way of acknowledging the sources of information that you use to research your assignments. You need to provide a reference whenever you draw on someone else's words, ideas or research. Not referencing other people's work can constitute plagiarism.

Further information about referencing styles can be located at <https://student.unsw.edu.au/referencing>

Academic integrity is fundamental to success at university. Academic integrity can be defined as a commitment to six fundamental values in academic pursuits: honesty, trust, fairness, respect, responsibility and courage. At UNSW, this means that your work must be your own, and others' ideas should be appropriately acknowledged. If you don't follow these rules, plagiarism may be detected in your work.

Further information about academic integrity, plagiarism and the use of AI in assessments can be located at:

- The [Current Students site](#),
- The [ELISE training site](#), and
- The [Use of AI for assessments](#) site.

The Student Conduct and Integrity Unit provides further resources to assist you to understand your conduct obligations as a student: <https://student.unsw.edu.au/conduct>

Submission of Assessment Tasks

Penalty for Late Submissions

UNSW has a standard late submission penalty of:

- 5% per day,
- for all assessments where a penalty applies,
- capped at five days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

Any variations to the above will be explicitly stated in the Course Outline for a given course or assessment task.

Students are expected to manage their time to meet deadlines and to request extensions as early as possible before the deadline.

Special Consideration

If circumstances prevent you from attending/completing an assessment task, you must officially apply for special consideration, usually within 3 days of the sitting date/due date. You can apply by logging onto myUNSW and following the link in the My Student Profile Tab. Medical documentation or other documentation explaining your absence must be submitted with your application. Once your application has been assessed, you will be contacted via your student email address to be advised of the official outcome and any actions that need to be taken from there. For more information about special consideration, please visit: <https://student.unsw.edu.au/special-consideration>

Important note: UNSW has a “fit to sit/submit” rule, which means that if you sit an exam or submit a piece of assessment, you are declaring yourself fit to do so and cannot later apply for Special Consideration. This is to ensure that if you feel unwell or are faced with significant circumstances beyond your control that affect your ability to study, you do not sit an examination or submit an assessment that does not reflect your best performance. Instead, you should apply for Special Consideration as soon as you realise you are not well enough or are otherwise unable to sit or submit an assessment.

Faculty-specific Information

Additional support for students

- [The Current Students Gateway](#)
- [Student Support](#)
- [Academic Skills and Support](#)
- [Student Wellbeing, Health and Safety](#)
- [Equitable Learning Services](#)
- [UNSW IT Service Centre](#)
- Science EDI Student [Initiatives](#), [Offerings](#) and [Guidelines](#)