

SCI701 Research/Industry Dissertation 2

School: School of Science, Technology and Engineering

2026 | Trimester 2

UniSC Sunshine Coast
UniSC Adelaide

**BLENDED
LEARNING**

Most of your course is on campus but you may be able to do some components of this course online.

Online

ONLINE

You can do this course without coming onto campus, unless your program has specified a mandatory onsite requirement.

Please go to unisc.edu.au for up to date information on the teaching sessions and campuses where this course is usually offered.

1. What is this course about?

1.1. Description

Serving as the integrative phase of your postgraduate studies, this course extends the applied methodologies and professional autonomy established in your preceding capstone course. For students on the project pathway, this trimester transitions from group-based project delivery to an individual work integrated learning experience. This will allow you to engage with the ICT industry on complex tasks through professional practice and you will also refine your professional identity.

Conversely, students continuing on the research pathway will finalise their comprehensive dissertation, synthesising their findings to demonstrate the high-level critical thinking and rigorous analytical capabilities required for a seamless transition into more advanced academic study.

1.2. How will this course be delivered?

ACTIVITY	HOURS	BEGINNING WEEK	FREQUENCY
BLENDED LEARNING			
Tutorial/Workshop 1 – 3 hour workshop to debrief	3hrs	Week 1	12 times
ONLINE			
Tutorial/Workshop 1 – 3 hour online workshop to debrief on progress updates and feedback	3hrs	Week 1	12 times

1.3. Course Topics

Course topics continue from SCI700 professional skills development including ethical and reflective practice, advanced verbal and written communication, and career planning approaches.

2. What level is this course?

700 Level (Specialised)

Demonstrating a specialised body of knowledge and set of skills for professional practice or further learning. Advanced application of knowledge and skills in unfamiliar contexts.

3. What is the unit value of this course?

24 units

4. How does this course contribute to my learning?

COURSE LEARNING OUTCOMES	GRADUATE QUALITIES
On successful completion of this course, you should be able to...	Completing these tasks successfully will contribute to you becoming...
1 Identify and apply specific discipline knowledge to plan, conduct and report project activities	Creative and critical thinker
2 Apply advanced research and technical skills to conduct project activities	Empowered
3 Report on project activities and outcomes using professional communication.	Engaged
4 Critically reflect and evaluate on your performance and the development of any outcomes	Creative and critical thinker
5 Demonstrate personal and professional responsibility for own learning and work outcomes	Engaged

5. Am I eligible to enrol in this course?

Refer to the [UniSC Glossary of terms](#) for definitions of “pre-requisites, co-requisites and anti-requisites”.

5.1. Pre-requisites

Completed 84 credits which must include PRM701

5.2. Co-requisites

BUS703 or BUS512 or BUS514 or BUS515 or HLT701 or PUB708

5.3. Anti-requisites

Not applicable

5.4. Specific assumed prior knowledge and skills (where applicable)

Not applicable

5.5. Microcredential Information

Not applicable

6. How am I going to be assessed?

6.1. Grading Scale

Standard Grading (GRD)

High Distinction (HD), Distinction (DN), Credit (CR), Pass (PS), Fail (FL).

6.2. Details of early feedback on progress

Each week students will provide updates on their WIL experience or research progress and discuss learnings.

Regular attendance and participation in meetings with academic advisors and clients to discuss research or performance feedback will be also critical to your ability to pass this course.

6.3. Assessment tasks

DELIVERY MODE	TASK NO.	ASSESSMENT PRODUCT	INDIVIDUAL OR GROUP	WEIGHTING %	WHAT IS THE DURATION / LENGTH?	WHEN SHOULD I SUBMIT?	WHERE SHOULD I SUBMIT IT?
All	1	Artefact - Professional, and Written Piece	Individual	20%	1000 words (+/- 10%)	Week 2	Online Assignment Submission with plagiarism check
All	2	Oral and Written Piece	Individual	30%	1000 words (+/- 10%) Interview up to 15 minutes	Week 7	Online Assignment Submission with plagiarism check and in class
All	3	Oral and Written Piece	Individual	50%	All students: Up to 30 minutes presentation, including questions and answers. WIL Experience students: 2000 words (+/- 10%) Research students: 6000+ words	Week 12	Online Assignment Submission with plagiarism check and in class

All - Assessment Task 1: Professional Development, Personal Brand and Career Identity

GOAL:	Acquire robust self-knowledge by clarifying how personal values, interests, and strengths align with potential occupational pathways. Critically reflect on these personal assessment outcomes to solidify professional identity and confidently formulate actionable next steps to manage transition from university into the workforce.										
PRODUCT:	Artefact - Professional, and Written Piece										
AUTHORSHIP STATEMENT:											
FORMAT:	All students are to attend a professional development workshop to prepare for real world professional or academic practice, which can include individual Psychometric Testing activities. After the professional development session/s, all students are to complete a high-level Career Development Planning template, identifying aspirational career and development goals, holistically aligned to psychometric test results, helping to structure and reflect on the next stage of work or research practice.										
CRITERIA:	<table border="1"> <thead> <tr> <th>No.</th> <th></th> <th>Learning Outcome assessed</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Demonstration of self-knowledge by aligning your personal values, strengths, and interests with potential career pathways to successfully transition into the workforce</td> <td>4</td> </tr> <tr> <td>2</td> <td>Clear, concise, and effective communication of the updated career status.</td> <td>3</td> </tr> </tbody> </table>	No.		Learning Outcome assessed	1	Demonstration of self-knowledge by aligning your personal values, strengths, and interests with potential career pathways to successfully transition into the workforce	4	2	Clear, concise, and effective communication of the updated career status.	3	
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GENERIC SKILLS:	Communication, Organisation, Information literacy										

All - Assessment Task 2: Research Defence Practice/Career Development Finalisation

GOAL:	<p>Research: Practice and demonstrate critical thinking, reflection, and analysis through an interview and peer review process. Students will also be able to practice verbal and written communication that will support their final presentation and research defence.</p> <p>WIL Experience: Finalise a more detailed career development plan to successfully navigate the transition from education to employment by clearly articulating a personal brand, values, and capabilities to potential employers. Tasks support oral question and answering in the format of interviews, and fosters proactive career behaviours, clarifying realistic pathways for achieving long-term professional goals in light of changing labour market conditions.</p>						
PRODUCT:	Oral and Written Piece						
AUTHORSHIP STATEMENT:							
FORMAT:	<p>Excel/PDF/Online tool format for a more detailed planning and documentation of the provided career development template, aligning specific tasks and activities to aspirational career and lifestyle goals.</p> <p>WIL students will also prepare questions to ask for a live peer interview activity of other students.</p> <p>Research students prepare a Word/PDF document summarising peer reviewed research thesis draft and the preparation of guided questions for live research oral defence.</p> <p>Refer to canvas for specific details.</p>						
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GENERIC SKILLS:	Communication, Collaboration, Organisation, Information literacy						

All - Assessment Task 3: Research Defence, Presentation and Performance Review

GOAL:	<p>Introspectively assess personal growth and development over the course duration, highlighting key milestones, outcomes of the workplace/research activities, challenges overcome, and areas of improvement.</p> <p>WIL Experience students: Demonstrate the ability to exercise personal autonomy by assessing personal performance against client feedback, identifying specific skills gaps, establishing targeted lifelong learning objectives, and proactively strategising how to remain competitive and build professional networks within their chosen industry/field.</p> <p>Research students: to present your research dissertation that follows the standard research process with Literature Review, Methods, Results, Discussion and Conclusion, and answer live questions in defence of research completed.</p>															
PRODUCT:	Oral and Written Piece															
AUTHORSHIP STATEMENT:																
FORMAT:	<p>The oral live interview/research defence is assessed and graded individually, and is either live in person, or via a negotiated online platform with students visible on camera for assessment security. Students should discuss and evaluate the outcomes achieved against those planned at the outset of the WIL experience or research.</p> <p>The interview is an opportunity to verbally reflect on the experience and outcomes with your academic advisors and will be held in week 12 within class time/or negotiated time.</p> <p>WIL experience students will also complete a comprehensive performance review according to a provided template, based on work and activities performed during their WIL experience. The performance review will contain feedback and assessment from WIL experience supervisors in industry. Research students will also submit their final thesis document. More details will be provided on Canvas.</p>															
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GENERIC SKILLS:	Communication, Problem solving, Organisation, Applying technologies, Information literacy															

7. Directed study hours

A 12-unit course will have total of 150 learning hours which will include directed study hours (including online if required), self-directed learning and completion of assessable tasks. Student workload is calculated at 12.5 learning hours per one unit.

8. What resources do I need to undertake this course?

Please note: Course information, including specific information of recommended readings, learning activities, resources, weekly readings, etc. are available on the course Canvas site– Please log in as soon as possible.

8.1. Prescribed text(s) or course reader

There are no required/recommended resources for this course.

8.2. Specific requirements

As a capstone course, students are expected to be fully engaged, visible, and proactive in all course activities.

For WIL experience students, assignment of the experience may begin prior to the trimester start, and thus students are expected to enrol as early as possible and check their student email at least 3 weeks prior to week 1. Students enrolling late may be impacted by WIL experience availability.

This course cannot be completed entirely asynchronously due to client engagement requirements, which have reputational repercussions for client organisations, the university, students, and staff. Thus, attendance at class and meetings will be actively monitored. If attending classes online, students should use a laptop/desktop computer for breakout sessions and will require a webcam or additional device to stream video during class, client meetings, and live interviews.

9. How are risks managed in this course?

Health and safety risks for this course have been assessed as low. It is your responsibility to review course material, search online, discuss with lecturers and peers and understand the health and safety risks associated with your specific course of study and to familiarise yourself with the University's general health and safety principles by reviewing the [online induction training for students](#), and following the instructions of the University staff.

10. What administrative information is relevant to this course?

10.1. Assessment: Academic Integrity

Academic integrity is the ethical standard of university participation. It ensures that students graduate as a result of proving they are competent in their discipline. This is integral in maintaining the value of academic qualifications. Each industry has expectations and standards of the skills and knowledge within that discipline and these are reflected in assessment.

Academic integrity means that you do not engage in any activity that is considered to be academic fraud; including plagiarism, collusion or outsourcing any part of any assessment item to any other person. You are expected to be honest and ethical by completing all work yourself and indicating in your work which ideas and information were developed by you and which were taken from others. You cannot provide your assessment work to others. You are also expected to provide evidence of wide and critical reading, usually by using appropriate academic references.

In order to minimise incidents of academic fraud, this course may require that some of its assessment tasks, when submitted to Canvas, are electronically checked through Turnitin. This software allows for text comparisons to be made between your submitted assessment item and all other work to which Turnitin has access.

10.2. Assessment: Additional Requirements

Eligibility for Supplementary Assessment

Your eligibility for supplementary assessment in a course is dependent of the following conditions applying:

- (a) The final mark is in the percentage range 47% to 49.4%; and
- (b) The course is graded using the Standard Grading scale

10.3. Assessment: Submission penalties

Late submissions may be penalised up to and including the following maximum percentage of the assessment task's identified value, with weekdays and weekends included in the calculation of days late:

- (a) One day: deduct 5%;
- (b) Two days: deduct 10%;
- (c) Three days: deduct 20%;
- (d) Four days: deduct 40%;
- (e) Five days: deduct 60%;
- (f) Six days: deduct 80%;
- (g) Seven days: A result of zero is awarded for the assessment task.

The following penalties will apply for a late submission for an online examination:

- Less than 15 minutes: No penalty
- From 15 minutes to 30 minutes: 20% penalty
- More than 30 minutes: 100% penalty

10.4. Links to relevant University policy and procedures

For more information on Academic Learning & Teaching categories including:

- Assessment: Courses and Coursework Programs
- Review of Assessment and Final Grades
- Supplementary Assessment
- Central Examinations
- Deferred Examinations
- Student Conduct
- Students with a Disability

For more information, visit <https://www.usc.edu.au/explore/policies-and-procedures#academic-learning-and-teaching>

10.5. Student Charter

UniSC is committed to excellence in teaching, research and engagement in an environment that is inclusive, inspiring, safe and respectful. The [Student Charter](#) sets out what students can expect from the University, and what in turn is expected of students, to achieve these outcomes.

10.6. General Enquiries

For course-specific questions, contact your teaching staff or Course Coordinator.

For other enquiries or to access support, please contact Student Central:

- [UniSC Student Central](#)
- [UniSC Adelaide Student Central](#)