COMP8851

Major Project

Session 1, In person-scheduled-weekday, North Ryde 2023

School of Computing

Contents

Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

General Information

Unit convenor and teaching staff
Amin Beheshti
amin.beheshti@mq.edu.au

Abhaya Nayak
abhaya.nayak@mq.edu.au

Credit points
20

Prerequisites
(Admission to MDataSc and 40cp at 8000 level) or ((Admission to MInfoTechNetworking or MInfoSysMgmt or MInfoTechCyberSec or MInfoTechIoT or MInfoTechAI) and 60cp at 8000 level)

Corequisites

Co-badged status

Unit description
This unit provides the option of either an industry-based internship or an internally supervised research project as a major project experience for students in the Masters program.

An internally supervised project may comprise literature research, a case study, a software project development, or a project sponsored by the candidate's employer. Candidates are expected to demonstrate initiative and independence in researching, executing and documenting an involved information and communications technology project as well as its ethical implications.

The industry-based internship helps students gain experience in industry. Students work with both industry and academic supervisors to complete a major project or a few smaller projects in situ. Project topics will be agreed between the university, the student and the industry partner. Candidates may complete the project work at the industry partner's location or their own place of employment, subject to University approval. Assessment will be based on a combination of written reports and presentations. This unit provides an opportunity for students to complete an internship working part-time over the course of a semester.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at https://www.mq.edu.au/study/calendar-of-dates

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: Evaluate ethical issues related to working in a IT environment.

ULO2: Critically evaluate the experience gained while undertaking the project

ULO3: Apply lessons learned from previous units of study to project tasks.

ULO4: Explore career alternatives prior to graduation.

General Assessment Information

This unit effectively combines the Internal Project (ITEC810/COMP8871) as well as the Internship unit (COMP8851). This means that the students who plan to the Internal Project OR Internship should take the COMP8851 unit.

The unit is assessed through 4 components: Mid-term Report & Presentation, and final Report & Presentation. The unit does not have hurdle assessments.

Marking Criteria and Report Templates (for Internship) can be found HERE and also on iLearn.

Marking Criteria and Report Templates (for Internal projects) will be available on iLearn

Late Assessment Submission Penalty

In this unit, No late submissions will be accepted, unless a Special Consideration is Submitted **before the assessment submission deadline**, and Granted.

For any late submission of time-sensitive tasks, such as scheduled tests/exams, performance assessments/presentations, and/or scheduled practical assessments/labs, students need to submit an application for Special Consideration.

Assessment Tasks

Name	Weighting	Hurdle	Due
Mid-semester presentation	10%	No	Week 6
Mid-term report	30%	No	Week 7
Final presentation	10%	No	Week 12
Final Project Report	50%	No	Week 13

Mid-semester presentation

Assessment Type [1]: Presentation
Indicative Time on Task [2]: 5 hours
Due: **Week 6**
Weighting: **10%**

Presentation to the class on the industry-based internship or an internally supervised research project, so far.

On successful completion you will be able to:

- Evaluate ethical issues related to working in a IT environment.
- Critically evaluate the experience gained while undertaking the project
- Apply lessons learned from previous units of study to project tasks.
- Explore career alternatives prior to graduation.

Mid-term report

Assessment Type [1]: Report
Indicative Time on Task [2]: 10 hours
Due: **Week 7**
Weighting: **30%**

A report describing, in a systematic manner the progress made in the project.

On successful completion you will be able to:

- Evaluate ethical issues related to working in a IT environment.
- Critically evaluate the experience gained while undertaking the project
- Apply lessons learned from previous units of study to project tasks.
- Explore career alternatives prior to graduation.

Final presentation

Assessment Type [1]: Presentation
Indicative Time on Task [2]: 10 hours
Due: **Week 12**
Weighting: **10%**

A presentation to the class at the end of the semester covering the final project outcomes.

On successful completion you will be able to:

- Evaluate ethical issues related to working in a IT environment.

- Critically evaluate the experience gained while undertaking the project

- Apply lessons learned from previous units of study to project tasks.

- Explore career alternatives prior to graduation.

Final Project Report

Assessment Type [1]: Project
Indicative Time on Task [2]: 20 hours
Due: **Week 13**
Weighting: **50%**

A report on the final outcomes of the project.

On successful completion you will be able to:

- Evaluate ethical issues related to working in a IT environment.

- Critically evaluate the experience gained while undertaking the project

- Apply lessons learned from previous units of study to project tasks.

- Explore career alternatives prior to graduation.

---

[1] If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment

- the Writing Centre for academic skills support.

[2] Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

This unit (20 Credit Points) combines the **Internal Project** as well as the **Internship unit**.

For details of days, times and rooms consult the timetables webpage (https://timetables.mq.edu.au/2022/).

Report submissions and presentations have to be submitted on ilearn.

Presentations are held in week 6 and week 12 in a Postgraduate workshop and the schedule will be declared on ilearn.

Details about the internship can be found HERE. **Information on internal projects** will be made available on the iLearn site.

Unit Schedule

For details of days, times and rooms consult the timetables webpage (https://timetables.mq.edu.au/2023/).

There is no final examination but you are expected to submit 2 reports and attend presentations. If you apply for Disruption to Study for your final report, you must make yourself available for weeks 6 and 12. If you are not available at that time, there is no guarantee an additional examination time will be offered. Specific examination dates and times will be determined at a later date.

There are no hurdles in this unit.

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://policies.mq.edu.au). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- Academic Appeals Policy
- Academic Integrity Policy
- Academic Progression Policy
- Assessment Policy
- Fitness to Practice Procedure
- Assessment Procedure
- Complaints Resolution Procedure for Students and Members of the Public
- Special Consideration Policy

Students seeking more policy resources can visit Student Policies (https://students.mq.edu.au/support/study/policies). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit Policy Central (https://policies.mq.edu.au) and use the search tool.

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: https://students.mq.edu.au/admin/other-resources/student-conduct

Results

Results published on platform other than eStudent, (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in eStudent. For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Academic Integrity

At Macquarie, we believe academic integrity – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free online writing and maths support, academic skills development and wellbeing consultations.

Student Support

Macquarie University provides a range of support services for students. For details, visit http://students.mq.edu.au/support/

The Writing Centre

The Writing Centre provides resources to develop your English language proficiency, academic writing, and communication skills.

- Workshops
- Chat with a WriteWISE peer writing leader
- Access StudyWISE
- Upload an assignment to Studiosity
- Complete the Academic Integrity Module

The Library provides online and face to face support to help you find and use relevant information resources.

- Subject and Research Guides
- Ask a Librarian

Student Services and Support

Macquarie University offers a range of Student Support Services including:

- IT Support
- Accessibility and disability support with study
- Mental health support
- Safety support to respond to bullying, harassment, sexual harassment and sexual assault
- Social support including information about finances, tenancy and legal issues
- Student Advocacy provides independent advice on MQ policies, procedures, and processes

Student Enquiries

Got a question? Ask us via AskMQ, or contact Service Connect.

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the Acceptable Use of IT Resources Policy. The policy applies to all who connect to the MQ network including students.