COMP4092
Software Engineering Research Thesis A
Session 1, Weekday attendance, North Ryde 2020
Department of Computing

Coronavirus (COVID-19) Update
Due to the Coronavirus (COVID-19) pandemic, any references to assessment tasks and on-campus delivery may no longer be up-to-date on this page.
Students should consult iLearn for revised unit information.

Find out more about the Coronavirus (COVID-19) and potential impacts staff and students

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Disclaimer
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General Information

Unit convenor and teaching staff
Michael Johnson
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Credit points
10

Prerequisites
(COMP332 or COMP3000) and (COMP333 or COMP3010) and (COMP335 or COMP3100)

Corequisites
(COMP430 or COMP4050) or (COMP434 or COMP4060)

Co-badged status

Unit description
In this unit students will conduct the first half of an individual research thesis on a topic in the Software Engineering major under the direction of an academic supervisor. The focus of the work will be on developing the project proposal, conducting the literature review and project planning and design.

Important Academic Dates
Information about important academic dates including deadlines for withdrawing from units are available at https://students.mq.edu.au/important-dates

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

ULO1: Analyse a complex software engineering problem and propose solutions involving the development of new knowledge or the application of cutting edge techniques.
ULO2: Plan a major software engineering research project, including the design of necessary processes, information management, records keeping, project management, and communications.
ULO3: Demonstrate an advanced knowledge of contextual factors, research direction, and foundational concepts in software engineering.
ULO4: Apply core software engineering principles and practices to a research or industry challenge.
ULO5: Demonstrate intellectual independence, and an in-depth understanding of a
specialist topic within software engineering through verbal and written communication.

**Assessment Tasks**

**Coronavirus (COVID-19) Update**
Assessment details are no longer provided here as a result of changes due to the Coronavirus (COVID-19) pandemic.
Students should consult [iLearn](https://iLearn) for revised unit information.
Find out more about the Coronavirus (COVID-19) and potential impacts staff and students

**Delivery and Resources**

**Coronavirus (COVID-19) Update**
Any references to on-campus delivery below may no longer be relevant due to COVID-19.
Please check here for updated delivery information: [https://ask.mq.edu.au/account/pub/display/unit_status](https://ask.mq.edu.au/account/pub/display/unit_status)

There is only one lecture per week in this unit as the bulk of the work is on preparation for your thesis.
The lecture is compulsory, and is currently scheduled for Tuesday at 9am. It is very important that you attend as the special nature of thesis work requires special skills, study and guidance.

**Policies and Procedures**

Macquarie University policies and procedures are accessible from [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central). 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
- Grade Appeal Policy
- Complaint Management Procedure for Students and Members of the Public
- Special Consideration Policy (Note: The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.)
Students seeking more policy resources can visit the Student Policy Gateway (https://students.mq.edu.au/support/study/student-policy-gateway). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit Policy Central (https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central).

**Student Code of Conduct**

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: https://students.mq.edu.au/study/getting-started/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

**Student Support**

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

**Learning Skills**

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to improve your marks and take control of your study.

- Workshops
- StudyWise
- Academic Integrity Module for Students
- Ask a Learning Adviser

**Student Enquiry Service**

For all student enquiries, visit Student Connect at ask.mq.edu.au

If you are a Global MBA student contact globalmba.support@mq.edu.au

**Equity Support**

Students with a disability are encouraged to contact the Disability Service who can provide appropriate help with any issues that arise during their studies.

**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.

Changes from Previous Offering

The preliminary thesis is now a hurdle requirement and the lectures are compulsory. These changes are in response to difficulties that students had in adjusting to a thesis related unit for the first time, and are designed to help you. More about this will be explained in the first lecture.

ENGG4092

From now until 2022 (inclusive), most students enrolling in COMP4092 will enrol concurrently in ENGG4092. This is so that students can complete "double sized" project units (20 credit points) as required in the programs that students originally entered. This will be further explained in the first lecture.