COMP3900

Computing Research III

Session 1, Special circumstances 2021

School of Computing

Contents

Notice

As part of Phase 3 of our return to campus plan, most units will now run tutorials, seminars and other small group activities on campus, and most will keep an online version available to those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face activities for your unit, please go to timetable viewer. To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

General Information

Unit convenor and teaching staff Matthew Roberts matthew.roberts@mq.edu.au
Credit points 10
Prerequisites 130cp at 1000 level or above including COMP2900 and admission to BAdvIT
Corequisites
Co-badged status
Unit description This unit on advanced topics in computing is geared towards students enrolled in Bachelor of Advanced IT. Students participate in a semester-long research project under the guidance of a mentor from the Department of Computing.

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: Demonstrate broad knowledge of a range of topics in advanced computing research

ULO2: Demonstrate knowledge of a range of research skills in advanced topics in computing research.

ULO3: Discuss advanced concepts with computing science researchers.

ULO4: Critically read and synthesise information from scholarly articles in the computing discipline.

ULO5: Communicate research results and methods in various ways and to diverse audiences (both in written and oral form).

ULO6: Explain how technology/computing research can contribute to the wider discipline and address problems in society.

Assessment Tasks

Name	Weighting	Hurdle	Due
Research report	50%	No	Week 13
Research presentation	20%	No	week 15
Participation	30%	No	each week

Research report

Assessment Type [1]: Report
Indicative Time on Task [2]: 40 hours
Due: **Week 13**
Weighting: **50%**

Written report describing research project carried out under he guidance of the research supervisor/mentor.

On successful completion you will be able to:

- Demonstrate broad knowledge of a range of topics in advanced computing research
- Demonstrate knowledge of a range of research skills in advanced topics in computing research.
- Critically read and synthesise information from scholarly articles in the computing discipline.

Research presentation

Assessment Type [1]: Presentation
Indicative Time on Task [2]: 10 hours
Due: **week 15**
Weighting: **20%**

A short presentation communicating the results in the research activity carried out under the guidance of supervisor/mentor.

On successful completion you will be able to:

- Demonstrate broad knowledge of a range of topics in advanced computing research
- Critically read and synthesise information from scholarly articles in the computing discipline.
- Communicate research results and methods in various ways and to diverse audiences (both in written and oral form).

- Explain how technology/computing research can contribute to the wider discipline and address problems in society.

Participation

Assessment Type [1]: Participatory task
Indicative Time on Task [2]: 0 hours
Due: **each week**
Weighting: **30%**

Research meetings with research project supervisor/mentor.

On successful completion you will be able to:

- Demonstrate broad knowledge of a range of topics in advanced computing research
- Demonstrate knowledge of a range of research skills in advanced topics in computing research.
- Discuss advanced concepts with computing science researchers.

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[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

The course is delivered via weekly meetings between students and supervisors. Supervisors will provide all necessary material.

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
- Grade Appeal Policy

- Complaint Management 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

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 help you improve your marks and take control of your study.

- Getting help with your assignment
- Workshops
- StudyWise
- 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

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

Student Enquiries

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

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.