COMP7900
Research Frontiers in Computing 1
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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General Information

Unit convenor and teaching staff
Unit Convenor, Lecturer
Mehmet Orgun
mehmet.orgun@mq.edu.au
Contact via Email
4 Research Park Drive, Room 282
Mondays 1-3pm

Credit points
10

Prerequisites
Admission to MRes

Corequisites

Co-badged status

Unit description
This unit is designed to engage students with current research in computing. It will introduce students to a number of the current open research questions across the range of the broad discipline. It is the first of a pair of such units, with the second appearing in the second year of the MRes program. This unit addresses research across the breadth of the discipline, while the second unit will focus on more particular issues related to the student's project area.

Activities may include such things as seminar attendance, directed reading of research papers, the discussion and critiquing of research topics and introduction to new practical techniques with preparatory reading, hands-on experience and a final report. Presentation of a seminar and a written report based on the topics examined are required for completion of this unit.

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: Demonstrate an understanding of research being done in the Department of Computing
ULO2: Summarize the state of art in selected disciplines of Computing
ULO3: Interpret and apply the principles of ethical conduct in selected disciplines of Computing
ULO4: Write a critical overview of a research topic
ULO5: Present a research topic orally

Assessment Tasks

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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

CLASSES
Classes will be held on Mondays, 9am - 11am in 3 Innovation Rd - G230 In the classes, we will have several different types of activities:

• **Seminars** -- the unit basic component is a collection of three seminars. Each seminar is given by an academic with international research standing. The seminars are going to present both the state of art and recent developments in the three selected research areas of Computing. They will also introduce the relevant research groups and areas in the Department.

• **Reports and Presentations** -- there will be two reports and two presentations by the students. The first report has to discuss a topic chosen from Seminars 1 and 2. The second report has to discuss a different topic chosen from Seminars 1 to 3. The reports are going to be presented at two presentation sessions.

• **Discussion Sessions** -- in the week after each seminar, there will be a discussion session, based on the summary reports of a chosen paper from the seminar.

• **Regular Sessions** -- the unit may also include sessions and/or independent reading on how to manage time, write scientific reports and how to present research results.
UNIT WEBPAGE AND TECHNOLOGY USED AND REQUIRED

- iLearn is going to be used as a main web server for the unit.

Unit Schedule

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The following schedule is tentative. Please consult iLearn for any possible updates.

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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

https://unitguides.mq.edu.au/unit_offerings/122044/unit_guide/print
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.