



ECON7015

Topics in Applied Econometrics

Session 2, Special circumstances 2021

Department of Economics

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Session 2 Learning and Teaching Update

The decision has been made to conduct study online for the remainder of Session 2 for all units WITHOUT mandatory on-campus learning activities. Exams for Session 2 will also be online where possible to do so.

This is due to the extension of the lockdown orders and to provide certainty around arrangements for the remainder of Session 2. We hope to return to campus beyond Session 2 as soon as it is safe and appropriate to do so.

Some classes/teaching activities cannot be moved online and must be taught on campus. You should already know if you are in one of these classes/teaching activities and your unit convenor will provide you with more information via iLearn. If you want to confirm, see the list of [units with mandatory on-campus classes/teaching activities](#).

Visit the [MQ COVID-19 information page](#) for more detail.

General Information

Unit convenor and teaching staff

Unit Convenor, Lecturer

Chris Heaton

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06EaR-436

TBA on iLearn

Guest Lecturer

Colin Bowers

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TBA on iLearn

Credit points

10

Prerequisites

ECON735 or ECON7035

Corequisites

Co-badged status

Unit description

This unit covers the application of econometric methods to applied problems in economics. The topics covered will vary from year to year, and will extend students' knowledge of econometric techniques beyond that gained in ECON7035. The emphasis of the unit is on the application of econometric techniques as part of an evidence-based approach to knowledge discovery and policy formulation, and theoretical knowledge of econometrics will be developed only to the extent necessary to achieve this. Students who successfully complete this unit will be able to interpret and critically evaluate econometric results that appear in the applied economic research literature and industry reports. They will also be able to design and execute econometric studies that contribute to the analysis of applied problems in economics.

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: Estimate econometric models and test hypotheses using techniques that are appropriate for the problem at hand.

ULO2: Generate and interpret the results of econometric analysis using the software employed in the unit.

ULO3: Effectively communicate the findings from econometric analysis.

ULO4: Critically evaluate the contribution made to the research literature by applications of econometrics

Assessment Tasks

Name	Weighting	Hurdle	Due
Assignment 1	25%	No	Week 6, Monday 7am
Assignment 2	35%	No	Week 10, Monday, 7am
Assignment 3	40%	No	Week 15, Monday, 7am

Assignment 1

Assessment Type ¹: Report

Indicative Time on Task ²: 20 hours

Due: **Week 6, Monday 7am**

Weighting: **25%**

Assignment 1 assesses work covered in lectures up to the submission deadline. Students will be given an applied econometric problem to work on and will be required to submit a written report on their investigation of the problem. Students will also be required to submit relevant computer files.

On successful completion you will be able to:

- Estimate econometric models and test hypotheses using techniques that are appropriate for the problem at hand.
- Generate and interpret the results of econometric analysis using the software employed in the unit.
- Effectively communicate the findings from econometric analysis.

Assignment 2

Assessment Type ¹: Report

Indicative Time on Task ²: 20 hours

Due: **Week 10, Monday, 7am**

Weighting: **35%**

Assignment 2 assesses work covered in lectures up to the submission deadline. Students will be given an applied econometric problem to work on and will be required to submit a written report on their investigation of the problem. Students will also be required to submit relevant computer files.

On successful completion you will be able to:

- Estimate econometric models and test hypotheses using techniques that are appropriate for the problem at hand.
- Generate and interpret the results of econometric analysis using the software employed in the unit.
- Effectively communicate the findings from econometric analysis.

Assignment 3

Assessment Type ¹: Report

Indicative Time on Task ²: 21 hours

Due: **Week 15, Monday, 7am**

Weighting: **40%**

Assignment 3 assesses work covered in lectures up to the submission deadline. Students will be given an applied econometric problem to work on and will be required to submit a written report on their investigation of the problem that includes an evaluation of the contribution that the techniques used make to the research literature. Students will also be required to submit relevant computer files.

On successful completion you will be able to:

- Estimate econometric models and test hypotheses using techniques that are appropriate for the problem at hand.
- Generate and interpret the results of econometric analysis using the software employed in the unit.
- Effectively communicate the findings from econometric analysis.
- Critically evaluate the contribution made to the research literature by applications of econometrics

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

Classes

The unit is taught using a combination of streaming video lectures and synchronous tutorials. Each week, recorded online lectures will be provided on iLearn. In each week except Week 1, there will be a 1-hour tutorial class in which students will work on problems based on the work recently covered in the lectures.

Required and Recommended Texts and/or Materials

There is no single set text. Each lecturer will recommend reading materials available from the library or online as the unit progresses.

Technologies used and required

A range of software is likely to be used in the unit, including [R](#) and [RStudio](#). Precise requirements will be advised by the lecturers as the unit progresses. All students must have access to an internet-connected computer with a webcam, microphone and speakers sufficient to stream video, participate in Zoom meetings, and run modern software. A writing tablet would be useful, but is not essential. Students are encouraged to test their equipment before use and to consider factors such as lighting and ambient noise when participating in Zoom meetings.

Learning and Teaching Activities

Students will be provided with video lectures that cover the main content of the unit and tutorial work. Tutorials will be held in all weeks except Week 1. References to reading material will be provided each week. Students should work on the unit material every week of semester and any problems encountered should be raised promptly either during the tutorial class or online by posting on the discussion forum.

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) (<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) (<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.