



ECON7035

Applied Econometrics

Session 1, In person-scheduled-weekday, North Ryde 2024

Department of Economics

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General Information

Unit convenor and teaching staff

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Credit points

10

Prerequisites

Admission to MRes

Corequisites

Co-badged status

ECON8040

Unit description

The aim of this unit is to enable MRes students to upgrade their basic econometric knowledge and skills to a level where they can independently design an empirical research project and use relevant econometric methods to draw valid conclusions, with clear understanding of advantages and limitations of the methods involved. To that end, students will be introduced to various econometric methods and their properties under different circumstances.

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: Identify and develop a relevant econometric model suitable for the objective of analysis.

ULO2: Estimate the model using an appropriate estimation method.

ULO3: Interpret the estimation results and draw valid inferences.

ULO4: Understand and replicate the empirical results reported in some academic articles that are prescribed by the lecturer.

Assessment Tasks

Name	Weighting	Hurdle	Due
Lecture interaction	10%	No	Weekly from Week 2
Tutorial Exercises	20%	No	Weekly from Week 2
Take home test	40%	No	Week 8 and Week 12
Assignment	30%	No	Week 14

Lecture interaction

Assessment Type ¹: Participatory task

Indicative Time on Task ²: 5 hours

Due: **Weekly from Week 2**

Weighting: **10%**

Lectures will include embedded exercises that engage students in the material being taught and ensure that students grasp essential concepts.

On successful completion you will be able to:

- Interpret the estimation results and draw valid inferences.
- Understand and replicate the empirical results reported in some academic articles that are prescribed by the lecturer.

Tutorial Exercises

Assessment Type ¹: Problem set

Indicative Time on Task ²: 10 hours

Due: **Weekly from Week 2**

Weighting: **20%**

A weekly assessment (from Week 2) that covers material from previous lectures, with an emphasis on the most recent work, and ensures acquisition of the concepts and skills necessary to understand and apply the unit material.

On successful completion you will be able to:

- Interpret the estimation results and draw valid inferences.
- Understand and replicate the empirical results reported in some academic articles that are prescribed by the lecturer.

Take home test

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 20 hours

Due: **Week 8 and Week 12**

Weighting: **40%**

Two diagnostic tests (worth 20% each) of technical skills and applied knowledge acquired in the unit up until the week of the test.

On successful completion you will be able to:

- Identify and develop a relevant econometric model suitable for the objective of analysis.
- Interpret the estimation results and draw valid inferences.
- Understand and replicate the empirical results reported in some academic articles that are prescribed by the lecturer.

Assignment

Assessment Type ¹: Report

Indicative Time on Task ²: 15 hours

Due: **Week 14**

Weighting: **30%**

A written report comprising the application of technical skills and theoretical concepts acquired in the unit to a simple research question in economics.

On successful completion you will be able to:

- Identify and develop a relevant econometric model suitable for the objective of analysis.
- Estimate the model using an appropriate estimation method.
- Interpret the estimation results and draw valid inferences.

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

See iLearn

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.mq.edu.au\)](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 \(https://students.mq.edu.au/support/study/policies\)](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

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.

Unit information based on version 2024.03 of the [Handbook](#)