

Course Title: **Economics and Quantitative Methods**

Course Code: **ECON863**

Descriptor Start Date: **01/01/2025**

POINTS: **15.00**

LEVEL: **8**

PREREQUISITE/S: **None**

COREQUISITE/S: **None**

RESTRICTION/S: **ECON861, ECON862**

LEARNING HOURS

Hours may include lectures, tutorials, online forums, laboratories. Refer to your timetable and course information in Canvas for detailed information.

Total learning hours: 150

PRESCRIPTOR

A study of micro and macroeconomic concepts, theories and applications, with a focus on firms, their operating environment and different types of market structures. The study also includes the application of appropriate quantitative methods that are useful for analysing economic and business data.

LEARNING OUTCOMES

1. Analyse data using appropriate statistical techniques.
2. Apply demand and supply analysis, including price elasticity to relevant economic behaviour and market structures.
3. Analyse the effects of monetary policy and fiscal policy on economic growth and development.
4. Analyse the importance of globalisation, international trade, and foreign exchange markets.
5. Report and interpret the results of business data for planning and reporting purposes.

Disclaimer: Course descriptors may be amended between teaching periods/semesters

CONTENT

- Data collection, presentation and description
- Basic probability theory and applications
- Linear regression analysis and hypothesis testing
- Consumer and producer theory
- Demand, supply and price including elasticity
- Market structures, including perfect and imperfect competition.
- Macroeconomic measures including GDP, inflation and employment
- Monetary policy, fiscal policy, balance of payments and exchange rates
- International trade and globalisation

LEARNING & TEACHING STRATEGIES

An appropriate range of strategies that may include lectures, workshops & online learning.

ASSESSMENT PLAN

Assessment Event	Weighting %	Learning Outcomes
Case Study (individual)	25.00	2,3,4
Problem Solving Assessment (individual)	25.00	1,5
Final Exam (individual)	50.00	1-5

Grade Map

MAP1

A+ A A- Pass with Distinction
B+ B B- Pass with Merit
C+ C C- Pass
D Fail

Overall requirement/s to pass the course:

50% of the total

LEARNING RESOURCES

Details of all learning resources (including journals, databases, websites etc) are available on Canvas. Required Text(s): If there is a required text, details are available by searching the University Bookshop's website: www.ubs.co.nz

For further information, contact: Te Ara Pakihi, Te Ohanga Me Te Ture - Faculty of Business, Economics and Law

Principal Programme: AK3411, Master of Professional Accounting

Related Programme/s: AK3711 PgDipPA, AK3811 PgCertPA, AK1055 MAF, AK1056 PgDipAF, AK1090 MBM, AK1091 PgDipBM, AK1045 MMktg, AK1046 PgDipMktg, AK1070 PgCertBusSt

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