

Quantitative Methods for Economics II | TBC

Year	1
ECTS Credits	10
Contact Hours	25 hours of lectures
Pre-Requisite	Quantitative Methods for Economics I
Semester	2
Module Leader and Lecturer	Professor Michael King
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Module Outline:

Building on the foundational concepts in statistics such as confidence intervals and hypotheses testing, this module explores alternative approaches to causal inference such as difference and difference estimators, regression discontinuity and randomised control trials. The module includes examples of policy focused causal inference studies. Assignments are based on real-world data and problems in a wide range of fields.

Module Learning Outcomes:

On successful completion of this module, students should be able to:

MLO5.1 Abstract from concrete problems to generic concepts.

MLO5.2 Problem-solve using quantitative methods

MLO5.3 Perform simple statistical analysis.

Assessment:

Continuous assessment and Project [40%]: It will involve a practical application of material studied during the module.

Final Examination [60%]: It will test critical understanding and appropriate application of topics covered in the module.

Recommended Reading List:

Nil