



Quantitative Methods for Economics I | ECP77172

Year	1
ECTS Credits	10
Contact Hours	25 hours
Pre-Requisite	Nil
Semester	1
Module Leader and Lecturer	TBC
Contact Email	TBC

Module Outline:

This module introduces basic concepts of data analysis and statistics with practical applications to economics and policy. The emphasis is on the practical application of quantitative reasoning, visualization, and data analysis. The goal is to provide students with tools for conducting their own basic statistical analyses. Assignments are based on real-world data and problems in a wide range of fields.

Topics covered include:

Basic descriptive measures

Probability

measures of association

Sampling and sample size estimation

Confidence intervals

Module Learning Outcomes:

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

MLO3.1 Explain and apply statistical terminology;

MLO3.2 Formulate simple problems in the language and terminology of statistics;

MLO3.3 Solve simple problems related to the topics in the module;

MLO3.4 Explain statistical reasoning in a clear, concise, and correct manner.

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