

THE UNIVERSITY OF HONG KONG
FACULTY OF BUSINESS AND ECONOMICS

Master of Economics

Programme Learning Outcomes

Master of Economics (MEcon) Programme has five Programme Learning Outcomes (PLOs) as set out below:

- PLO1. Understanding of fundamental theories and new development in economics
- PLO2. Mastering of skills in analyzing economic data
- PLO3. Demonstration of ability to apply economic knowledge and analytical skills to address policy and business problems
- PLO4. Awareness of ethical concerns in economic issues
- PLO5. Mastering of communication skills

Below is a mapping table for the alignment of learning outcomes of core courses to PLOs:

Core Courses	PLOs				
	PLO1	PLO2	PLO3	PLO4	PLO5
I. Fundamental Core Courses					
ECON6011 Microeconomic Theory					
CLO1 To understand models and major issues regarding individual decision making process.	√	√	√	√	√
CLO2 To reproduce proofs on standard results in covered topics on microeconomics.	√			√	
CLO3 To explain intuitively the model perspectives and results.	√	√	√	√	√
CLO4 To comprehend the power and limitation of standard models.	√	√	√	√	√
CLO5 To apply proficiently mathematical tools to solving models at study.	√				√
CLO6 To follow briefly the academic research papers that are classical on the covered topics.	√		√	√	√
ECON6012 Macroeconomic Theory					

CLO1 Understand the techniques (e.g., dynamic programming, optimal control, time series analysis, log-linearization) used to solve the canonical macroeconomic models.	√	√	√		
CLO2 Learn and apply different tools in macroeconomics to various problems.			√	√	√
CLO3 Read and replicate important literature.				√	√
ECON6001 Applied Econometrics					
CLO1 Be familiar with the basics of statistics and econometrics.	√	√			
CLO2 Be able to build an econometric model for a problem and choose an appropriate econometric method to estimate the model.		√			
CLO3 Be able to do estimation and hypothesis testing of the econometric model using statistical software.			√		
CLO4 Be able to interpret results.			√		
ECON6005 Econometric Theory I					
CLO1 Interpret the least squares estimator and associated estimators as projections.	√				√
CLO2 State and prove the basic finite-sample properties of estimators (e.g. unbiasedness and Gauss-Markov theorem) and the conditions under which they apply.	√				√
CLO3 Derive the basic large-sample properties of the least squares estimator (e.g., consistency, asymptotic normality, and consistency of the covariance matrix estimators) using a set of appropriate conditions.	√				√
CLO4 Perform t-test, Wald test and construct confidence intervals.	√	√			√
CLO5 Understand p-value, test consistency and the asymptotic local power.	√	√			√
CLO6 Know specification testing, model selection, estimation and testing with heterogeneity, and forecast intervals.	√	√	√	√	√

CLO7 Understand the parallel results in the GMM framework when there is endogeneity.	√	√	√	√	√
II. Stream Core Courses					
ECON6002 Selected Topics in Microeconomics					
CLO1: Students will understand method for monotone comparative statics, experiments and Bayesian Learning, observational learning, cheap talk and Bayesian persuasion, and search theory to a level such that they will be able to read current research literature in the field.	√	√	√		√
CLO2: Develop the ability to read the current literature in economics through the in-class discussion of recent research literature.	√	√	√		√
ECON6010 Monetary Policy: Theory and Practice					
CLO1: Understand the basic properties of classical and New Keynesian models.	√	√			
CLO2: Apply the classical and New Keynesian framework to understand real world macroeconomic policy issues.	√	√	√	√	
CLO3: Understand empirical approaches to investigate the effects of macroeconomic policies.	√	√	√		
CLO4: Develop potential research ideas.	√	√	√	√	√
ECON6036 Game Theory and Applications					
CLO1: Reconstruct fundamental game theory models and clearly state their assumptions and predictions and work out the analysis.	√	√	√		
CLO2: Be able to convert a standard multi-person decision situation into an analytic model and correctly analyze it.	√	√	√		
CLO3: Apply and explain appropriate models or modifications to some real world issues and work out its policy implications.	√	√	√		√
ECON6052 Selected Topics in Macroeconomics					
CLO1: Understand fundamental theories and new development in macroeconomics.	√	√	√		

CLO2: Learn and apply different tools in macroeconomics to various problems.	√	√	√		
CLO3: Read and replicate important literature.	√	√	√		√
CLO4: Develop new research ideas.	√	√	√		√
ECON6056 Econometric Theory II					
CLO1: Understanding of the advanced econometrics tools.	√		√		
CLO2: Mastering of skills in complex data with these tools.		√	√		√
CLO3: Mastering the spirits of modern machine learning and being able to apply them.		√	√		
CLO4: Understanding the research frontiers.			√	√	√
ECON6077 Topics in Economic Research I					
CLO1: Become aware of the basic set of questions addressed in the relevant topic.	√				
CLO2: Understand the conceptual framework commonly adopted to address these questions.	√				√
CLO3: Understand the benchmark theoretical models, basic empirical tools and modern quantitative approaches to address these questions.	√	√	√		√
CLO4: Be familiar with the literature in the relevant field.	√	√	√	√	√
CLO5: Be equipped with the tools to carry out independent research.	√		√	√	
ECON6078 Topics in Economic Research II					
CLO1: Write simple models of political behavior in economic applications.	√	√	√		√
CLO2: Learn the basic ingredients of NLP tools, such as word embedding and topic models.	√	√	√		
CLO3: Understand the way they can be useful in economics research.	√	√	√		
III. Capstone Course					
ECON6080 Research Thesis					
CLO1: Develop the ability to contribute to research work.	√	√	√		√
CLO2: Develop the capability to integrate knowledge	√	√	√		√

CLO3: Develop the ability to present and discuss the conclusions .	√	√	√		√
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The table below shows how the PLOs align with the TPg educational aims:

University Educational Aims for TPg Curricula	Programme Learning Outcomes
To enable our students to develop their capabilities in: (i) Critical intellectual enquiry and acquiring up-to-date knowledge and research skills in a discipline / profession	PLO1 and PLO2
(ii) Application of knowledge and research skills to practice or theoretical exploration, demonstrating originality and creativity	PLO3
(iii) Tackling novel situations and ill-defined problems	PLO3 and PLO4
(iv) Collaboration and communication of disciplinary knowledge to specialists and the general public	PLO5
(v) Awareness of and adherence to personal and professional ethics	PLO4
(vi) Enhancement of leadership and advocacy skills in a profession	PLO5

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