

**ECON 2650 Mathematical Analysis for Economics (3,3,0)**

Prerequisite: BUS 1190 Mathematics for Business or ECON 1150 Fundamentals of Quantitative Methods or equivalent

This course aims to provide students exposure to common mathematical analyses of economics. It maintains a balance between economic theories and mathematical rigorous. Students are trained to solve economic problems with mathematics. Major emphasis is placed on conducting comparative static analyses using mathematical techniques.

**ECON 2660 Economics of Hong Kong and the Pan-Pearl River Delta (3,3,0)**

Prerequisite: CHSE 1010/ECON 1010 Introductory Economic Analysis for China Studies or ECON 1220 Principles of Macroeconomics or ECON 1620 Basic Economic Principles

This course aims to provide students with a systematic understanding of the post-war development of the Hong Kong economy and the economic relationship between Hong Kong and the Pan-Pearl River Delta (PPRD), especially after China adopted its open-door policy and economic reform since 1978. Macroeconomic environment and policy issues of Hong Kong will be examined. Economic characteristics of the PPRD, competition and complementarities between Hong Kong and the PPRD will be studied. The prospect and strategy of closer economic co-operation between Hong Kong and the PPRD will be examined. It is expected that after attending this course students will understand more Hong Kong's macroeconomic environment and its economic relationship with the PPRD upon which informed decision could be made in business and other areas.

**ECON 3005 Applied Econometrics (3,3,0)**

Prerequisite: BUSI 3007 Business Research Methods or ECON 2025 Basic Statistical Methods or equivalent

This course aims at giving students basic understanding of econometrics theories and applying econometric techniques to specific empirical economic problems. Numerous examples are examined to achieve this goal. Emphasis is placed on the classical linear model, least squares estimation, hypothesis testing, and model building. Econometric models are then adopted to analyze practical problems and make forecasts. Furthermore, students are trained in this course to use computer statistical software.

**ECON 3006 Asia-Pacific Economies (3,3,0)**

This course aims to introduce to students a general survey of economic development in the Asia Pacific region. It is designed to help students to be familiarized with economic affairs in the region and equip themselves with basic analytical tools for tackling economic issues. Socio-economic factors and changes in the global environment that have given rise to the "East Asian miracle", the subsequent financial crisis in 1997, and the following development will be carefully analysed. Emphasis will be placed on the understanding of economic problems in the real world.

**ECON 3007 Industrial Organization and Business Decision (3,3,0)**

Prerequisite: CHSE 1005 Essentials of Economics or ECON 1005 Principles of Economics I or ECON 1007 Basic Economic Principles

Our objective is to give students a working knowledge to analyze the economic decisions that firms normally have to make in the real world. The discussion will focus on how firms set their prices, maintain its market dominance and interact with other firms. Furthermore, we will explore how governments should formulate their policies for strengthening the market competition.

**ECON 3010 Urban and Regional Economic Development in China (3,3,0)**

Prerequisite: ECON 2220 Foundations of Chinese Economy  
This course studies how China's urbanization strategies and regional development policies have affected economic performance since reform. The first part of the course will review China's

urbanization strategies and analyse how the Chinese government has attempted to improve the management and administration system of cities to promote economic growth. The second part will discuss the central government's regional economic policies in different stages of reform and the actual development paths of major regions in China.

**ECON 3015 Public Finance (3,3,0)**

Prerequisite: CHSE 1005 Essentials of Economics or ECON 1005 Principles of Economics I or ECON 1007 Basic Economic Principles or equivalent

This course aims at analyzing the economics of public sector. Fiscal objectives, instruments and constraints, as well as concepts and theories of public finance will be discussed, mainly from a positive perspective. Considerations will also be given to the economic impacts from the political interactions of interest groups. The analytical tools, models and applications to the real world public sector problems are emphasised.

**ECON 3016 International Trade (3,3,0)**

Prerequisite: CHSE 1005 Essentials of Economics or ECON 1005 Principles of Economics I or ECON 1007 Basic Economic Principles

This course aims to provide an up-to-date and understandable analytical framework for illustrating current events of international trade. The first half will be devoted to understand the classical as well as modern theories of international trade. The second half of this course will be focused on trade policy and international economic integration.

**ECON 3017 International Financial Economics (3,3,0)**

Prerequisite: CHSE 1005 Essentials of Economics or ECON 1006 Principles of Economics II or ECON 1007 Basic Economic Principles

This course provides students with an understanding of international finance concepts and applications of the exchange rate theories and analytical techniques for international financial management and investment. The course covers three main areas: (1) international monetary arrangements and international financial environment; (2) the exchange rate market, the exchange rate determinations with their theoretical analysis, and the foreign exchange risk and forecasting; and (3) macroeconomic policy and coordination in the open economy under different exchange rate systems.

**ECON 3020 Games and Economic Decisions (3,3,0)**

Game theory is a systematic way of studying strategic situations, in which each decision-maker's behaviour affects the well-being of other decision-makers. This course introduces the basic tools for decision-making in such strategic situations. Basic concepts such as dominance, Nash equilibrium, backward induction, commitment, credibility, signalling will be covered. This course adopts a practical approach, in which conceptual analysis real-world examples and applications will be emphasized. Classroom games or economic experiments will be conducted in class. Reliance on mathematics will be kept to essential or minimal level. This approach aims to develop students' conceptual understanding, enhance their application ability and enable them to learn reflectively.

**ECON 3025 Money and Banking (3,3,0)**

Prerequisite: CHSE 1005 Essentials of Economics or ECON 1006 Principles of Economics II or ECON 1007 Basic Economic Principles

This course aims to provide a general survey of financial institutions and markets, bank management, monetary theory and policy, and to help students understand why the financial system is organized as it is and how the financial system and economy are interconnected. Students are expected to link the monetary and financial theories and international experiences learned in the lectures to the local financial system and monetary arrangements.