

**List of Courses and Synopsis
Master of Economics
Faculty of Economics and Management
Universiti Putra Malaysia**

No	Course Code	Course Name	Credit	Course Synopsis
1	ECN5220	Mathematical Economics	3(3+0)	This course covers the use of mathematical methods to solve economic problems systematically. Emphasis is given to the three main types of economic analysis, namely equilibrium analysis, comparative statics and optimization problems.
2	ECN5012	Microeconomic Theory	3(3+0)	The course covers the microeconomic theory at the intermediate level using mathematical approach. Emphasis is given on consumer and producer theories, and market structure.
3	ECN5014	Macroeconomic Theory	3(3+0)	This course covers the analysis of macroeconomic theories and its applications to macroeconomic issues. Emphasis is given on static and dynamic models in the context of economic growth and inter-temporal decision making.
4	ECN5221	Econometric Methods	3(3+0)	This course covers econometric methods which mainly examines the general linear model and problem with its use in the measurement of economic relationship. Emphasis is given on the application of economic theory, data and econometric methods.
5	ECN5232	Research Methodology in Applied Economics	3(3+0)	This course covers the scientific research in economics and the process of preparing a research proposal. Emphasis is given to the research theories and methodology.

6	ECN5923	Current Issues in Economics	3(3+0)	This course covers the various current economic issues. Emphasis is given on its application to the economy-wide macro objective.
7	ECN5913	Seminar in Economics <i>(for full time students only)</i>	1(0+1)	This course covers the preparation and presentation of research project encompassing an introduction and a literature review. Effective presentation on the research is emphasized.
8	ECN5988	Master Dissertation <i>(for full time students only)</i>	6(0+6)	This course covers scientific research in economic studies. Emphasis is given to the synergizing research activities to produce a dissertation.
9	ECN5441	Financial Economics	3(3+0)	This course covers the theory and role of financial market and institutions. Emphasis is given on the risk and return, behavioural finance and financial market development.
10	ECN5442	Monetary Economics	3(3+0)	This course covers the monetary theory and issues involving the measurement of money and the relationship between money, output and prices. The equilibrium of the money market and the monetary transmission mechanism are discussed.
11	ECN5842	International Finance	3(3+0)	This course covers the financial aspects of the international economics. The balance of payments, foreign exchange market and their impacts on the nations economy are emphasized.
12	ECN5222	Applied Time Series Analysis	3(3+0)	This course covers the application of time series econometric methods. Emphasis is given on the testing of time series economic variables and estimation properties.
13	ECN5641	Economic Growth and Development	3(3+0)	This course covers the economic theories which could be used to explain the process of development and economic growth. Determinants of development and economic

				growth are discussed. Factors limiting the economic growth are emphasized.
14	ECN5642	Economic Planning and Policy	3(3+0)	This course covers the development planning in developing countries. The current development and trend in national planning are discussed.
15	ECN5653	Labour Economics	3(3+0)	This course covers the theory and application of labor with the current state of the economy and the world of work including labor demand and supply. Issues related to productivity, human capital investment and labor migration will be discussed.
16	ECN5654	Health Economics	3(3+0)	This course covers the theory and application of economics in the health and medical care markets. The demand and production of health, health market and the role of government in health and medical care industries are discussed.
17	ECN5655	General Equilibrium Technique	3(3+0)	This course covers the concepts and techniques of general equilibrium models. Emphasis is given on evaluating the effectiveness of the policy implemented.
18	ECN5541	Industrial Structure and Competition	3(3+0)	This course covers the relationship among structure, conduct and performance of industrial firm. Methods of assessing industrial performance, competition and monopoly are discussed.
19	ECN5542	Competition and Public Policy	3(3+0)	This course covers the theory and implementation of public policies on economic organization. Price output policies, price control, market segmentation, collusion, mergers and antitrust laws and policies are discussed.
20	ECN5841	Theory and Policy of International Trade	3(3+0)	This course covers the theories, policies and international trade agreements. Issues related to trade negotiations

				and economic development of developing countries is emphasized.
21	ECN5342	Natural Resource Economics	3(3+0)	The course covers the concept on natural resource economics and the utilisation of natural resources in sustainable way. The sources of natural resources are discussed. The utilisation and conservation of natural resources are emphasized.
22	ECN5341	Environmental Economics	3(3+0)	This course covers the concept and effects on environmental economics. Problems related to the environmental issues are discussed. The application of economic evaluation methods and environmental management are emphasized.
23	ECN5323	Fisheries Economics	3(3+0)	This course covers the problem relating to common property rights; concepts used in fishery exploitation and management; and the dynamics of regulating a fishery in order to optimize yields and efficiency.

Program Structure for Master of Economics

Course Code	Course Name	Credit Hour
Semester 1		
ECN5220	Mathematical Economics	3
ECN5012	Microeconomic Theory	3
ECN5014	Macroeconomic Theory	3
ECN5221	Econometric Methods	3
Total credits for Semester 1		12
Semester 2		
ECN5232	Research Methodology in Applied Economics	3
ECN5923	Current Issues in Economics	3
ECN****	Elective Course	3
ECN****	Elective Course	3
ECN5988	Master Dissertation (continue)	3
Total credits for Semester 2		15
Semester 3		
ECN****	Elective Course	3
ECN****	Elective Course	3
ECN****	Elective Course	3
ECN5988	Master Dissertation (continue)	3
ECN5913	Seminar in Economics	1
Total credits for Semester 3		13
TOTAL CREDITS		40