

## 山东大学经济学硕士课程

### Courses of Shandong University, Master of Economics

#### 1. Core Courses

##### **ECON Microeconomics**

This course focuses on the core part of microeconomics with emphasis on 1) the development of analytical tools and the understanding of how economic theories are constructed and 2) market system successes and failures. Microeconomic theories cannot be effectively understood without mathematics. Be familiar with calculus and optimization methods. Topics include choice theory, theory of the firm, introduction to general equilibrium and welfare economics, and theory of market structures policy application and formal techniques.

##### **ECON Macroeconomics**

This course introduces students to basic measures of aggregate-level economic performance such as gross domestic product, personal income, unemployment, the money supply, and the consumer price index. It presents the major competing theories of national income and employment, inflation, exchange rates and the balance of trade, as well as the policy recommendations associated with the alternative theories.

##### **ECON Econometrics**

This course introduces students to single and multiple regression methods for analyzing data in economics and related disciplines. Extensions include regression with panel data, discrete random variables, instrumental variables regression, and regression with time series data. The objective of the course is for students to learn how to conduct – and how to critique – empirical studies in economics and related fields. The course statistical software is STATA. Prerequisites: introductory statistics, calculus and linear algebra.

##### **ECON International Economics**

An introduction to the theories and policies of international trade to prepare students for the future complexities of the world economy. Classical trade theories: the laws of absolute and comparative advantage, the Ricardian model, the standard trade theory, and the Heckscher-Ohlin theory. New trade theories. Trade policies such as tariff and non-tariff barriers, protectionism, economic integration and strategic trade policy. The political economy of trade, recent developments in globalization, factor movement, economic development and welfare and trade liberalization are also discussed. Trade issues in developing countries are highlighted.

##### **ECON Industrial Economics**

An introduction to the main ideas of modern industrial organization theory along with their applications. Using tools of microeconomic theory and game theory, this course explores strategic competition among firms in an industry or across industries. Perfect competition and imperfectly competitive market structures and forms of quantity and price competitions. How various theories may be related to particular industries. It also relates to China's industrial organization theory and industrial policy.

##### **ECON Public Economics**

The main objective of the course is to discuss the use of public sector instruments for promoting socially efficient resource allocation and a desirable income distribution. Topics include market failures, public goods and externality, decision-making in the public sector, taxation, income distribution and labor market incentives. The scope will range from

basic theory to issues in United States and elsewhere.

## **ECON China Fact 1 & 2**

This course covers a number of aspects of the Chinese economy and supplies students with systematic knowledge about the economic rationale for development, reform and operation of the contemporary Chinese economy. Topics in this course will include but are not limited to scientific outlook of development and the economic restructuring and transition to a new development style; the economic development under forced industrialization and Soviet-style central planning; economic reform and opening up; economic transition and economic development; sectoral development and economic geography; current microeconomic and macroeconomic policy issues, including the making and operation of monetary and fiscal policies, public finance and monetary systems, as well as foreign trade and exchange policies. Issues on inflation, long-term economic growth, consumption, savings and investment, employment, and the global impact of China's economic growth through channels ranging from foreign trade and investment to migration and environmental issues will also be covered.

## **2. Optional Courses**

- ECON Mathematical Economics
- ECON Financial Economics
- ECON International Financial Management
- ECON Financial Markets and Financial Institutions
- ECON Empirical research methods applied microeconomics
- ECON Frontiers in Microeconomics
- ECON American Economy and Trade Policy
- ECON International Investment Theory
- ECON Political Economy
- ECON Statistics
- ECON Management
- ECON Development Economics
- ECON Economic history
- ECON Labor economics
- ECON Game theory
- ECON Public policy analysis
- ECON Information economics
- ECON Risk management
- ECON Fixed-income security
- ECON Financial economics
- ECON Accounting
- ECON International economics- theory and policy-1
- ECON International economics-theory and policy-2
- ECON The economics of money, banking and financial market
- ECON Principles of Corporate Finance
- ECON Investments
- ECON Principles of Financial Engineering
- ECON International Financial Management