

COURSE DETAILS

Master' Degree

60721 Advanced Economic Theory

(6 credits)

Objectives

1. To provide a basic foundation of the framework of economic analysis for macro and micro economics.
2. To provide the skills for applying economic theory to business analysis and economic problems.

Course Description

The microeconomics part of this course covers the theory and economic models related to the behavior of economic units in the economic system. Topics covered include theory and consumers' behavior, theory and analysis of producers and production costs, market structure and pricing, market for factors of production, game theory, the role and economics of information, welfare economics, market failure and policy failures.

The macroeconomics content of the course covers the analysis of aggregate demand, aggregate supply and business cycles. The course also covers monetary and fiscal policies and the impacts the national economy, macroeconomic models under closed and open economies; application of economic theory and macroeconomic models to analyze economic situations and their impacts on the business sectors.

60722 Quantitative Analysis and Research for Economists

(6 credits)

Objectives

1. To provide knowledge of calculus that can be applied in the study of economics.
2. To provide knowledge of statistics and econometrics that can be applied in the study and research of economics.
3. To provide knowledge of the research methodologies and procedures as well as data analytical methods in conducting economic research.

Course Description

This course covers basic mathematics, derivative calculus, integral calculus, maximization, and minimization for application as tools in economic problems.

The course also covers basic statistics, utilizing econometrics in formulation of models, estimation techniques, problems and the solution of the problems regarding variables and error terms of time series forecasting.

Furthermore, the course covers scientific research methods, the process and procedure of conducting research, statistics utilization, econometrics, and various data analytical methods in generating economic research.

**60723 Agricultural Economics and Natural Resources and
Environmental Economics**

(6 credits)

Objectives

1. To provide knowledge and skills in analyzing demand, supply, production and production costs of agricultural products and resources.
2. To provide skills in production planning and agricultural development, as well as estimation and forecasting prices of agricultural commodities.
3. To provide skills in analyzing the impacts of public policies and measures on agricultural development and agricultural resources management.
4. To provide skills in economic analysis of natural resources and environment.
5. To provide knowledge of economic analysis in natural resources utilization sustainably.
6. To provide knowledge of various types of economic value and evaluation.
7. To provide knowledge of cost-benefit analysis principles and methods.
8. To provide knowledge of instruction measures and economic tools for solving natural resource and environmental quality problems.

Course Description

The course covers production generality, factors of production, and agricultural product marketing; demand and supply of agricultural products, the analysis of production and production functions, the analysis of cost of production; marketing, market structure and agricultural market system in the economy; agricultural product forward and future markets; international agricultural product market and the impact of free trade policy; agricultural resources and appropriate agricultural resources management; techniques for agricultural resource analysis; government policies on agricultural production, marketing, credit market, and resource management, as well as other related policies.

The course also covers utilizing exhaustible and nexhaustible natural resources, economic value appraisal method of natural resources and environmental quality, cost-benefit analysis, measures for solving natural resources and environmental quality deterioration problem, and economic measure utilization.

60724 Industrial Economics and Industrial Management

(6 credits)

Objectives

1. To provide knowledge and understanding of market structure, conduct, and performance relating to firm's production and price setting.
2. To provide knowledge, understanding, and analytical capability in business merging, cost, transaction, and industrial location.
3. To provide knowledge and analytical capability in utilizing tools and economic methods for business operation decision, product demand analysis, and production cost analysis.
4. To provide knowledge and analytical capability in firm's long-term investment and decision-making analysis under risk and uncertainty.

5. To provide knowledge and understanding of industry's roles in economic development and related impacts.
6. To provide knowledge and understanding of the roles of government and related industrial development institutions, as well as roles of technology and innovation in development and creation of industrial competitiveness.
7. To provide knowledge and understanding of appropriate industrial development and management with changes in the economy, society, technology, and environment.

Course Description

Topics covered in this course include theory of production unit, market structure, competition behavior and performance, price setting, business integration, transaction cost, industrial location, utilization of economic tools and methods in the analysis and business operation decision making, product demand analysis, production and production cost analysis, industrial management, strategies in management and business competition, the analysis of firm's long-term investment, decision making under firm's risk and uncertainty.

The course also covers the knowledge of industry with economic development and the impact of industrial development, the industrial development roles of government and related institutions both the public and the private, roles of technology and innovation in industrial development and creating competitiveness; changes in the economy, society, technology, and environment with development and industrial management.

60725 Human Resource Economics and Human Resource Management

(6 credits)

in Organizations

Objectives

1. To provide knowledge of concept and theory related to human resource, development and human resource management.
2. To provide knowledge and understanding of labor demand, labor supply, and their determinants, as well as labor movement, wage determination, labor relation, and human resource management in organization, for the use in business operation, policy setting, planning and developing human resources in the related institution or organization.
3. To provide knowledge and understanding of principles and methods of investment in human resources regarding to education, training, and health care.
4. To provide knowledge and gain apprehension of managing occupational health and safety in working, welfare, society, and social security, for allowing human resources to obtain important roles in the economy efficiently and effectively.
5. To provide knowledge and capability of analyzing planning, policy setting, and human resource development strategies which are suitable for changing economy, social, and technology.
6. To provide knowledge and understanding of appropriate human resource management in organization, causing by changing economy, society, and technology.

Course Description

The course covers concepts and theories concerning human resource; population changes with human resource development, population movement and labor relocation, labor demand, labor supply, labor market, wage, investment in human resources, human resource management in organization, labor relation.

The course also covers knowledge of roles of the state and related institutions in human resource development, social welfare, social security and labor protection, occupational health and safety in working, and changes in economy, society, technology, and environment with human resource development.

60726 Monetary Economics and Financial Management

(6 credits)

Objectives

1. To provide knowledge and understanding of the financial system composition, financial market, and all related entities such as money market, equity market, and foreign exchange market.
2. To provide knowledge and understanding of roles of financial market, central bank, and financial institutions.
3. To provide knowledge and understanding of monetary theories and being able to analyze the impact of monetary policy on business and the economy, as well as tools and financial instruments, and financial investment concepts and applications.
4. To provide knowledge and understanding of business financial management, funding in capital market, funding cost, and investment budgeting.

Course Description

The course covers the financial system including the money market, capital market, financial institutions and financial instruments, monetary economic theories and their impact on business and the economy, roles of the financial market and financial institutions, theories related to interest rate determination and interest rate structure, interest rate trends, various financial instruments, theories and principles of financial investment and application, adverse selection problem, fundamentals of financial management, financial analysis and financial planning, working capital management, portfolio management, capital market financing, cost of funds and capital budgeting, case study in financial management in globalization.

60727 Public Economics and Public Policy

(6 credits)

Objectives

1. To gain knowledge of fiscal systems, the structure of budgets, and resource allocation.
2. To develop the ability to analyze a local fiscal system.
3. To develop the ability to analyze the role and impact of fiscal policy on business and the economic system.
4. To gain knowledge and understanding of the concept of public policy and state projects, the analysis and administration of public policy and projects, and the evaluation of public policy and projects.

Course Description

The role of the state in an economic system, criteria for efficient resource utilization, criteria for the determination of public good output, government expenditure and revenue, public debt management, state budget allocation and its impact, fiscal decentralization, public good and service pricing, state enterprise administration and privatization, and impact of fiscal policy on business and economy.

60728 International Economics and International Business

(6 credits)

Objectives

1. To provide basic knowledge and understanding of trade policies and international trade.
2. To provide basic knowledge and understanding of financial policies and international finance.
3. To provide knowledge and understanding of international business and environment which affects the economy and business.

Course Description

The course covers international trade theories, important tools for analyzing international trade theories, policies and measures of international trade, analysis of international trade policies, economic integration impact on economic activities of the country, roles of transnational corporations and international technological transfer, evaluation of resource allocation, factors of production movement, evaluation of the role of trade and investment of Thailand.

Moreover, the course covers international finance theories, reform and changes in international financial system structure, roles of international financial system and financial institutions on formulation of policies and international financial management, analysis of the role of capital movement and balance of payment on stability and national economic development, evaluation of capital movement policies, and international economic system.

The course also covers the scope, pattern, and evolution of international business, the environment which affects international business, structure and factors which affect international business, international business strategies, and managing international market, as well as rules, trade agreements, and international laws.

60729 Development Economics and Contemporary Issues

(6 credits)

Objectives

1. To provide basic understanding of the concepts and economic development theories of economists from the various schools of thought.
2. To provide an analytical framework to increase understanding of the factors that underlie the development processes and their consequences.
3. To provide a framework for analyzing economic development policies and strategies.
4. To provide a framework for analyzing problems of economic development and development projects.

Course Description

The concept and the theory of economic development, the evolution of concepts, theory and the experiences of economic development of various countries, the underlying factors, development processes and the impact on the quality of life, on natural resources base and other sectors, the approaches and economic development strategies; the role of the public and private sector in economic development. The course also covers an analysis of the problems of economic development, the strategies and macro-economic planning as well as development projects.

60730 Managerial Economics and Applications

(6 credits)

Objectives

1. To provide a framework for analyzing both internal and external factors that impact business operations.
2. To apply the principles of economics for decision-making in production, cost of production, profit generation, price setting and competitiveness.
3. To provide in order to have the ability to estimate and forecast business.
4. To provide in order to have the ability to analyze economic policies and adopt strategies to make effective business decisions.

Course Description

The topics covered by this course include the application of economic theory for business decision making by taking into consideration both internal and external factors; an analysis of demand, prediction of demand; analysis of production, cost of production, revenue and profit; analysis of market structure and price setting; theory and application, analysis of risk and uncertainty, decision making in investment, linear programming and other methodologies, planning and modern business management and the use of various strategies for business development and increasing competitiveness as well as the use of information for effective business management; The ability to use information systems for effective business management analysis of economic policies to support decision-making in the business sector.

60731 Strategic Management and Organization Risk Management

(6 credits)

Objectives

1. To provide knowledge and understanding of the concepts and principles of efficient and effective organizational management.
2. To provide capability of analysis in cause and effect of risk and uncertainty to the organization.
3. To provide knowledge and understanding of management in marketing risk and operational risk.
4. To provide knowledge and understanding of management in human resource risk and macro risk.
5. To provide knowledge and understanding of management in financial risk and information technology risk.
6. To provide knowledge and understanding of evaluation method for the effect of risk, both qualitative and quantitative methods.

7. To provide knowledge and understanding of risk management for public and private organizations.
8. To provide capability and skill of performance evaluation by utilizing risk management principles to raise organization's value.

Course Description

This course covers the managerial concepts and principles for public and private organization with efficiency and effectiveness under risk and uncertainty, and the causes of risks to organization's operation which originate from internal and external factors; risk management composes of marketing risk management, operational risk management, human resource risk management, financial risk management, information technology risk management, macro risk management, qualitative and quantitative evaluation methods for the effect of risk, risk management methods for the organization and the applications in practice, risk management using principles of good governance and ethics, performance evaluation using risk management principles to raise value of the organization, and case studies of risk management for public and private organizations.

60794 Independent Study

(6 credits)

Objectives

1. To build skills for applying concepts, theories and methodology derived from textbooks in economic study and analysis as well as research with reference to I students' own particular interests and their selection.
2. To build skills for applying concepts, theories and methodology derived from textbooks in economic study and analysis as well as research with reference to I students' own particular interests and their selection.
3. To understand and build skills for synthesizing research related to economics.
4. To understand and build skills for writing a textbook or academic book related to economics.

Course Description

Conduct analysis or research starting from choosing problems for analysis or research. Writing a research project Research project proposal, related literature studies, Data collection, Data analysis, Presentation of reports of analysis or research, Synthesis of research and textbook related to economics.

60795 Thesis

(12 credits)

Objectives To enable students to

1. To be able to select research problems for a thesis.
2. To be able to survey and analyze literature related to the thesis.
3. To be able to design research for the thesis.
4. To gain knowledge and skill in writing and presenting the thesis proposal.
5. To be able to develop quantitative research tools.
6. To be able to develop qualitative research tools.

7. To be able to collect, analyze, and present data for the thesis.
8. To be able to present and defend the thesis examination.
9. To be able to write the complete thesis report.
10. To be able to write the research report for publication.

Course Description

Selection of the research problem; survey and analysis of relevant literature; research design; writing and presenting a thesis proposal; tool development for thesis research, both quantitative and qualitative research; data collection; thesis data presentation; thesis presentation and examination defending; writing the complete thesis report; writing the research report for publication.

60796 Graduate Professional Experience in Economics

(6 credits)

Objectives

1. To gain the ability to apply economic theories in the analysis and solution of problems.
2. To apply economic knowledge appropriately to planning and decision making.
3. To know and understand practical group working, as leaders and good followers.
4. To develop in students moral and ethical working behavior, and the ability to apply the principles of economics appropriately.

Course Description

This course covers the application of principles and theory of economic analysis. Through case studies, students are required to use economic analysis for planning and decision making and solving economic problems. By being involved in group interaction, it is the expectation that students will gain from the experience of working together as a group, develop confidence, leadership, group working ethics and all other qualifications desired in an economist.

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