

COURSE DETAILS

Master' Degree

60723 Agricultural Economics, Natural Resources and

(6 credits)

Environmental Economics

Course Learning Outcomes

1. To provide knowledge in agricultural economics theory and skills in analyzing government policies and measures on agricultural resources management.
2. To provide knowledge in natural resources and environment theories, as well as economic valuation of natural resources and environment.
3. To provide knowledge in a principle and method of the cost-benefit analysis of natural resources and environmental management.
4. To provide knowledge in natural resources and pollution measures.

Course Description

The course covers theories of agricultural economics, agricultural product marketing, agricultural market structure and system in the economy; agricultural product forward and future markets; international agricultural product market and the impact of free trade policy; techniques for agricultural resource analysis; government policies on agricultural production, and credit market.

The course also covers the theory of exhaustible natural resources, such as mineral and energy resources, and the theory of non-exhaustible economics such as land and forest resources, fishery resources, and water resources; value appraisal method of natural resources and environmental quality such as contingent valuation method, travel cost method; cost-benefit analysis for natural resources and environmental management, measures for natural resources and environmental management such as command and control and economic instruments.

60724 Industrial Economics and Industrial Management

(6 credits)

Course Learning Outcomes

1. To provide knowledge and analytical capability in market structure, behavior of production unit toward consumer and firm's price setting.
2. To provide analytical capability in business merging, transaction cost, 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, industrial management, managing strategy and business competition.

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 according to the changes in the economy, society, technology, and environment.

Course Description

Theory of market structure, behavior of production unit toward consumer, competition, 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.

Industry and economic development and the impact of industrial development, the roles of government and related public and private institutions in industrial development, the roles of technology and innovation in industrial development and creation of competitiveness; changes in the economy, society, technology, and environment related to industrial management and development.

60725 Human Resource Economics and Human Resource Management (6 credits)
in Organizations

Course Learning Outcomes

1. To provide knowledge of concepts and theories related to human resources, development and management of human resources.
2. To provide knowledge and understanding of labor demand, labor supply, and their determinants, as well as the labor movement, wage determination, labor relation, and human resource management in the organization, for 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 apprehension of managing occupational health and safety in working, welfare, society, and social security, allowing human resources to obtain essential roles in the economy efficiently and effectively.
5. To provide knowledge and capability of analyzing planning, policy setting, and human resource development strategies suitable for changing economy, society, and technology.
6. To provide knowledge and understanding of appropriate human resource management in organizations, caused by changing economy, society, and technology.

Course Description

The course covers concepts and theories concerning human resources; 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 the organization, and labor relation.

The course also covers knowledge of the 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 the economy, society, technology, and environment with human resource development.

60726 Monetary Economics and Financial Management

(6 credits)

Course Learning Outcomes

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, financial investment, financial technology, 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, financial technology applications, digital financial system and case study.

60727 Public Economics and Public Policy

(6 credits)

Course Learning Outcomes

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 apprehension 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)

Course Learning Outcomes

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 and case study.

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 and empirical study

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 international business in digital era.

60729 Development Economics and Contemporary Issues

(6 credits)

Course Learning Outcomes

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)

Course Learning Outcomes

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)

Course Learning Outcomes

1. To be able to explain the principles of corporate management and strategic risk management.
2. To be able to explain the risk management process, qualitative risk assessment and quantitative risk assessment.
3. To be able to apply the macro risk management process, marketing, operation.
4. To be able to apply the risk management process in human resources, finance and information technology.
5. To be able to apply the risk management process to the principles of good governance, evaluation and monitoring of the performance.
6. To be able to apply the risk management process to government and private organizations.

Course Description

This course covers the principles of strategic public and private organization management and strategic risk management, risk management process, qualitative risk assessment, quantitative risk assessment, applications of macro risk management processes, application of marketing risk management process, application of operational risk management processes, application of human resource risk management processes, application of financial risk management processes, application of information technology risk management processes , application of risk management processes to good governance, applying risk management processes to performance assessment and monitoring, applying risk management processes to government and private organizations.

60732 Advanced Economic Theory

(6 credits)

Course Learning Outcomes

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 and major economic policy to business analysis and economic problems.

Course Description

The microeconomics part of this course covers the theory, economic models and application 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, supply side economics, and the impacts on 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 with the contemporary issues.

60733 Quantitative Analysis and Research for Economists

(6 credits)

Course Learning Outcomes

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, and time series analysis and 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.

60794 Independent Study

(6 credits)

Course Learning Outcomes

1. To build skills for applying concepts, theories, and methodology derived from textbooks in economic study and analysis as well as research regarding students' 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 regarding students' 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 proposal, related literature studies, data collection, data analysis, presentation of reports of analysis or research, synthesis of research, and textbook relating to economics.

60795 Thesis

(12 credits)

Course Learning Outcomes: 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)

Course Learning Outcomes

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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