

Program INFORMATION

BACHELOR OF ECONOMICS
International program



ACADEMIC YEAR 2024

INFORMATION ABOUT THE PROGRAM

PROGRAM TITLE

Bachelor of Economics Program
(International Program)

DEGREE TITLE

Bachelor of Economics (B.Econ.)
(International Program)

DURATION OF STUDY AND CREDIT REQUIREMENT

4 years, 8 regular semesters

- Special Problem (Academic) Track 135 credits
- Cooperative Education Track 132 credits

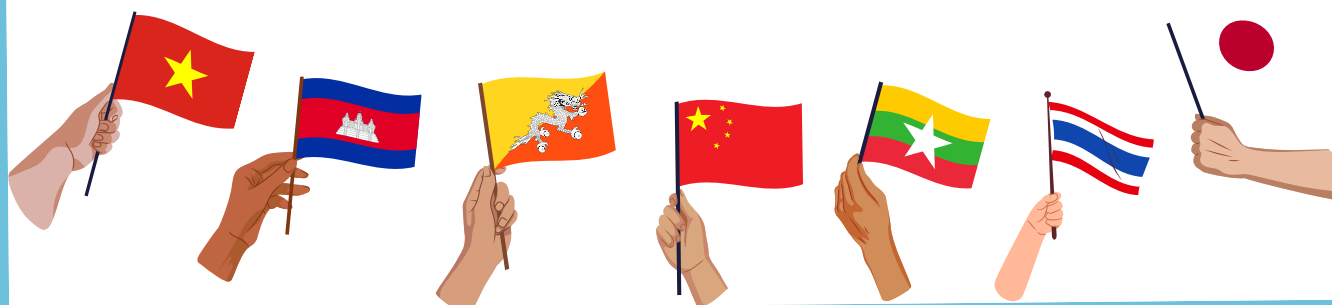
TUITION FEE

• THAI STUDENTS

Regular Semester	40,000 Baht
Summer Session	20,000 Baht

• OTHER NATIONALITIES

Regular Semester	60,000 Baht
Summer Session	28,000 Baht



Curriculum Structure

for Bachelor of Economics (International Program)

Special Problem (Academic) Track a minimum of 135 credits

(1) General Education	a minimum of	30 credits
- Learner Person Group	a minimum of	18 credits
Compulsory Course		15 credits
Elective Course	a minimum of	3 credits
- Innovative Co-creator Group	a minimum of	3 credits
- Active Citizen	a minimum of	9 credits
Compulsory Course		3 credits
Elective Course	a minimum of	6 credits
(2) Field of Specialization	a minimum of	99 credits
- Core Course	a minimum of	33 credits
- Major Course	a minimum of	66 credits
Compulsory		45 credits
Elective	a minimum of	21 credits
- Minor Course (If any)	a minimum of	15 credits
(3) Free Elective	a minimum of	6 credits



Curriculum Structure

Courses for Special Problem (Academic) Track

(1) General Education	a minimum of	30 credits
1.1 Learner Person Group	a minimum of	18 credits
- Compulsory Course		15 credits
001101 Fundamental English 1		3 Cr
001102 Fundamental English 2		3 Cr
001201 Critical Reading and Effective Writing		3 Cr
001228 English for Business and Economics		3 Cr
And choose 1 course from the following courses		
204100 Information Technology and Modern Life		3 Cr
261111 Internet and Online Community		3 Cr
953111 Software for Everyday Life		3 Cr
- Elective Course	a minimum of	3 credits
Choose at least 1 course from the following courses		
359206 Landscape, Environment, Behaviors, and Minds		3 Cr
888102 Big Data for Business		3 Cr
1.2 Innovative Co-creator Group	a minimum of	3 credits
703103 Introduction to Entrepreneurship and Business		3 Cr
1.3 Active Citizen	a minimum of	9 credits
- Compulsory Course		3 credits
140104 Citizenship		3 Cr
- Elective Course	a minimum of	6 credits
Choose at least 2 courses from the following courses		
154104 Environmental Conservation		3 Cr
159151 Lanna Society and Culture		3 Cr
951100 Modern Life and Animation		3 Cr



Curriculum Structure

Courses for Special Problem (Academic) Track

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Curriculum Structure

Courses for Special Problem (Academic) Track

751401 International Economics		3 Cr
751403 Econometrics II		3 Cr
751405 Theory of Economic Development		3 Cr
751408 Research Methods in Economics		3 Cr
751409 Research Exercise in Current Economics Issues		3 Cr
- Elective	a minimum of	21 credits
Choose the following major elective courses		
751220 Economic History		3 Cr
751320 International Business Economics		3 Cr
751321 Community Economic Development		3 Cr
751322 International Political Economy		3 Cr
751323 Modern Chinese Economy		3 Cr
751325 American Marketing Economics		3 Cr
751326 ASEAN Economy in the Global Economic Context		3 Cr
751327 ICT Economics and Telecommunications Policy		3 Cr
751330 Money and Banking		3 Cr
751332 Monetary Theory		3 Cr
751340 Introduction to Agricultural Economics		3 Cr
751342 Land Economics		3 Cr
751345 Transportation Economics		3 Cr
751347 Cooperative Economics		3 Cr
751411 The Economics of European Economic Integration		3 Cr
751413 Introduction to Input-Output Analysis		3 Cr
751414 Introduction to Applied Econometrics		3 Cr
751416 Mathematical Economics		3 Cr
751417 Managerial Economics		3 Cr
751418 Business Cycle Theory		3 Cr
751419 Economic Theory and Entrepreneurship		3 Cr
751420 International Finance		3 Cr
751421 Economics of Investment		
751422 Technical Analysis for Investment		3 Cr
751424 Economic Development of Developing Countries		3 Cr
751425 Economic Growth		3 Cr



Curriculum Structure

Courses for Special Problem (Academic) Track

751427 Economic Planning 751428 Political Economy 751429 Comparative Economic System 751434 Commercial Banking 751437 Tax System 751440 Labor Economics 751441 Economics of Water Resources 751442 Regional Economics 751443 Industrial Economics 751444 Urban Economics 751445 Natural Resource Allocation and Policy 751446 Economy of Thailand 751447 Seminar in Current Economic Problems 751448 Seminar in Global Investment Issues 751451 Health Economics 751452 Economics of Climate Change 751453 Developing Application for Data Analytics in Economics 751454 Behavioral Economics 751471 Economics of Decentralized Finance 751472 Economics of Tokenomics and Non-Fungible Token		3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr
- Minor Course (If any)	a minimum of	15 credits
(3) Free Elective	a minimum of	6 credits
Total	a minimum of	135 credits



Recommended Study Plan Bachelor of Economics (International Program) Special Problem (Academic) Track

Year 1

Semester 1		Credits
001101	Fundamental English 1	3
206171	General Mathematics 1	3
751106	Principles of Economics	3
888121	Digital Economy	3
.....	A Compulsory Course in Learner Person Group (204100 or 261111 or 953111)	3
.....	An Elective Course in Learner Person Group (359206 or 888102)	3
	Total	18

Semester 2		Credits
001102	Fundamental English 2	3
701100	Elementary Accounting 1	3
703103	Introduction to Entrepreneurship and Business	3
751202	History of Economic Thought	3
751209	Introduction to Mathematical Economics	3
888111	Innovative Entrepreneurship Theory and Practice	3
	Total	18

Recommended Study Plan Bachelor of Economics (International Program) Special Problem (Academic) Track

Year 2

Semester 1		Credits
001201	Critical Reading and Effective Writing	3
208271	Elementary Statistics for Social Sciences 1	3
751301	Microeconomic Theory 1	3
751308	Macroeconomic Theory 1	3
888147	Innovation for Entrepreneur	3
.....	Elective Core Course (154281 or 176101 or 703322 or 751325 or 751419 or 751447 or 954140 or 0012..)	3
	Total	18

Semester 2		Credits
001228	English for Business and Economics	3
751302	Microeconomic Theory 2	3
751304	Economic Statistics	3
751309	Macroeconomic Theory 2	3
140104	Citizenship	3
.....	Elective Core Course (154281 or 176101 or 703322 or 751325 or 751419 or 751447 or 954140 or 0012..)	3
	Total	18

Recommended Study Plan Bachelor of Economics (International Program) Special Problem (Academic) Track

Year 3

Semester 1		Credits
751305	Econometrics 1	3
751408	Research Methods in Economics	3
.....	An Elective Course in Active Citizen Group (154104 or 159151 or 951100)	3
.....	Elective Core Course (154281 or 176101 or 703322 or 751325 or 751419 or 751447 or 954140 or 0012..)	3
751 ...	Major Elective Course	3
751 ...	Major Elective Course	3
	Total	18

Semester 2		Credits
751303	Public Finance	3
751403	Econometrics 2	3
751409	Research Exercise in Current Economics Issues	3
.....	An Elective Course in Active Citizen Group (154104 or 159151 or 951100)	3
751 ...	Major Elective Course	3
.....	Free Elective Course	3
	Total	18

Recommended Study Plan Bachelor of Economics (International Program) Special Problem (Academic) Track

Year 4

Semester 1		Credits
751405	Theory of Economic Development	3
751..	Major Elective Course	3
751..	Major Elective Course	3
.....	Elective Core Course (154281 or 176101 or 703322 or 751325 or 751419 or 751447 or 954140 or 0012..)	3
.....	Elective Core Course (154281 or 176101 or 703322 or 751325 or 751419 or 751447 or 954140 or 0012..)	3
	Total	15

Semester 2		Credits
751401	International Economics	3
751..	Major Elective Course	3
7514..	Major Elective Course (at 400 level or above)	3
.....	Free Elective Course	3
	Total	12

Curriculum Structure

for Bachelor of Economics
(International Program),

Cooperative Education Track
a minimum of 132 credits

(1) General Education	a minimum of	30 credits
- Learner Person Group	a minimum of	18 credits
Compulsory Course		15 credits
Elective Course	a minimum of	3 credits
- Innovative Co-creator Group	a minimum of	3 credits
- Active Citizen	a minimum of	9 credits
Compulsory Course		3 credits
Elective Course	a minimum of	6 credits
(2) Field of Specialization	a minimum of	96 credits
- Core Course	a minimum of	33 credits
- Major Course	a minimum of	63 credits
Compulsory		42 credits
Elective	a minimum of	21 credits
- Minor Course (If any)	a minimum of	15 credits
(3) Free Elective	a minimum of	6 credits



Curriculum Structure

Courses for Cooperative Education Track

(1) General Education	a minimum of	30 credits
1.1 Learner Person Group	a minimum of	18 credits
- Compulsory Course		15 credits
001101 Fundamental English 1		3 Cr
001102 Fundamental English 2		3 Cr
001201 Critical Reading and Effective Writing		3 Cr
001228 English for Business and Economics		3 Cr
And choose 1 course from the following courses		
204100 Information Technology and Modern Life)		3 Cr
261111 Internet and Online Community		3 Cr
953111 Software for Everyday Life		3 Cr
- Elective Course	a minimum of	3 credits
Choose at least 1 course from the following courses		
359206 Landscape, Environment, Behaviors, and Minds		3 Cr
888102 Big Data for Business		3 Cr
1.2 Innovative Co-creator Group	a minimum of	3 credits
703103 Introduction to Entrepreneurship and Business		3 Cr
1.3 Active Citizen	a minimum of	9 credits
- Compulsory Course		3 credits
140104 Citizenship		3 Cr
- Elective Course	a minimum of	6 credits
Choose at least 2 courses from the following courses		
154104 Environmental Conservation		3 Cr
159151 Lanna Society and Culture		3 Cr
951100 Modern Life and Animation		3 Cr

Curriculum Structure

Courses for Cooperative Education Track

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Curriculum Structure

Courses for Cooperative Education Track

751401 International Economics 751403 Econometrics II 751405 Theory of Economic Development 751408 Research Methods in Economics		3 Cr 3 Cr 3 Cr 3 Cr
- Elective	a minimum of	21 credits
751449 Cooperative Education Choose at least 15 credits of the following major elective courses		3 Cr
751220 Economic History		
751320 International Business Economics		3 Cr
751321 Community Economic Development		3 Cr
751322 International Political Economy		3 Cr
751323 Modern Chinese Economy		3 Cr
751325 American Marketing Economics		3 Cr
751326 ASEAN Economy in the Global Economic Context		3 Cr
751327 ICT Economics and Telecommunications Policy		3 Cr
751330 Money and Banking		3 Cr
751332 Monetary Theory		3 Cr
751340 Introduction to Agricultural Economics		3 Cr
751342 Land Economics		3 Cr
751345 Transportation Economics		3 Cr
751347 Cooperative Economics		3 Cr
751411 The Economics of European Economic Integration		3 Cr
751413 Introduction to Input-Output Analysis		3 Cr
751414 Introduction to Applied Econometrics		3 Cr
751416 Mathematical Economics		3 Cr
751417 Managerial Economics		3 Cr
751418 Business Cycle Theory		3 Cr
751419 Economic Theory and Entrepreneurship		3 Cr
751420 International Finance		3 Cr
751421 Economics of Investment		3 Cr
751422 Technical Analysis for Investment		3 Cr
751424 Economic Development of Developing Countries		3 Cr
751425 Economic Growth		3 Cr
751427 Economic Planning		3 Cr
751428 Political Economy		3 Cr
751429 Comparative Economic System		

Curriculum Structure

Courses for Cooperative Education Track

751434 Commercial Banking 751437 Tax System 751440 Labor Economics 751441 Economics of Water Resources 751442 Regional Economics 751443 Industrial Economics 751444 Urban Economics 751445 Natural Resource Allocation and Policy 751446 Economy of Thailand 751447 Seminar in Current Economic Problems 751448 Seminar in Global Investment Issues 751451 Health Economics 751452 Economics of Climate Change 751453 Developing Application for Data Analytics in Economics 751454 Behavioral Economics 751471 Economics of Decentralized Finance 751472 Economics of Tokenomics and Non-Fungible Token		3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr
- Minor Course (If any)	a minimum of	15 credits
(3) Free Elective	a minimum of	6 credits
Total	a minimum of	132 credits

Recommended Study Plan Bachelor of Economics (International Program) Cooperative Education Track

Year 1

Semester 1		Credits
001101	Fundamental English 1	3
206171	General Mathematics 1	3
751106	Principles of Economics	3
888121	Digital Economy	3
.....	A Compulsory Course in Learner Person Group (204100 or 261111 or 953111)	3
.....	An Elective Course in Learner Person Group (359206 or 888102)	3
	Total	18

Semester 2		Credits
001102	Fundamental English 2	3
701100	Elementary Accounting 1	3
703103	Introduction to Entrepreneurship and Business	3
751202	History of Economic Thought	3
751209	Introduction to Mathematical Economics	3
888111	Innovative Entrepreneurship Theory and Practice	3
	Total	18

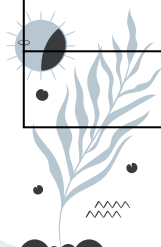


Recommended Study Plan Bachelor of Economics (International Program) Cooperative Education Track

Year 2

Semester 1		Credits
001201	Critical Reading and Effective Writing	3
208271	Elementary Statistics for Social Sciences 1	3
751301	Microeconomic Theory 1	3
751308	Macroeconomic Theory 1	3
888147	Innovation for Entrepreneur	3
.....	Elective Core Course (154281 or 176101 or 703322 or 751325 or 751419 or 751447 or 954140 or 0012..)	3
	Total	18

Semester 2		Credits
001228	English for Business and Economics	3
751302	Microeconomic Theory 2	3
751304	Economic Statistics	3
751309	Macroeconomic Theory 2	3
140104	Citizenship	3
.....	Elective Core Course (154281 or 176101 or 703322 or 751325 or 751419 or 751447 or 954140 or 0012..)	3
	Total	18

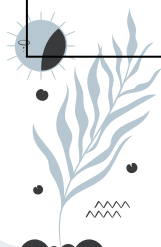


Recommended Study Plan Bachelor of Economics (International Program) Cooperative Education Track

Year 3

Semester 1		Credits
751305	Econometrics 1	3
751408	Research Methods in Economics	3
.....	An Elective Course in Active Citizen Group (154104 or 159151 or 951100)	3
.....	Elective Core Course (154281 or 176101 or 703322 or 751325 or 751419 or 751447 or 954140 or 0012..)	3
751 ...	Major Elective Course	3
751 ...	Major Elective Course	3
	Total	18

Semester 2		Credits
751303	Public Finance	3
751403	Econometrics 2	3
.....	An Elective Course in Active Citizen Group (154104 or 159151 or 951100)	3
751 ...	Major Elective Course	3
751 ...	Major Elective Course	3
.....	Free Elective Course	3
	Total	18



Recommended Study Plan Bachelor of Economics (International Program) Cooperative Education Track

Year 4

Semester 1		Credits
751401	International Economics	3
751405	Theory of Economic Development	3
751..	Major Elective Course	3
.....	Elective Core Course (154281 or 176101 or 703322 or 751325 or 751419 or 751447 or 954140 or 0012..)	3
.....	Elective Core Course (154281 or 176101 or 703322 or 751325 or 751419 or 751447 or 954140 or 0012..)	3
.....	Free Elective Course	3
	Total	18

Semester 2		Credits
751449	Cooperative Education	6
	Total	6





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COURSE DESCRIPTIONS



(1) General Education		
1.1 Learner Person Group		
001101	Fundamental English 1 Prerequisite: None	3(3-0-6)
Communication in English for everyday interactions. Basic listening, speaking, reading and writing skills in various social and cultural contexts for life-long learning.		
001102	Fundamental English 2 Prerequisite: 001101	3(3-0-6)
Communication in English for everyday interactions. More advanced listening, speaking, reading and writing skills in various social and cultural contexts for life-long learning.		
001201	Critical Reading and Effective Writing Prerequisite: 001102	3(3-0-6)
English language skills for critical reading from different sources and media and effective writing on topics of students' interests.		
001228	English for Business and Economics Prerequisite: 001102	3(3-0-6)
Specific language functions, components and skills for effective communication in business contexts.		
204100	Information Technology and Modern Life) Prerequisite: None	3(2-2-5)
Computers in everyday life, Data processing and information management, Office automation software for modern life and Internet and webpage construction.		
261111	Internet and Online Community Prerequisite: None	3(3-0-6)
Introduction to the Internet and online community. Computer technology and modern world. Selecting of online tools and services. Impact of the Internet in daily life. The Internet and cloud computing. Online businesses. Ethics in social networking. Analyzing of social networking data. Online investment. Legal aspects of the Internet and online community. Security and privacy in social networking. Case studies.		



953111	Software for Everyday Life Prerequisite: None	3(3-0-6)
The course will provide basic understanding of computer software: what it is and its role in improving our daily lives. Major areas of software applications and products popularly used today will be introduced including software for personal use to improve productivity and quality of life, for organizational enterprises to support business operations and management, and for education and research activities. Latest issues in today's software industry such as career choices, ethics, future trends, and direction will also be surveyed to provide the overall picture of the field.		
359206	Landscape, Environment, Behaviors, and Minds Prerequisite: None	3(3-0-6)
Theories about landscape, nature, environment, and human behaviors; learning and analyzing data about human health and behaviors; importance and definitions of landscape aesthetics; landscape and stress management; landscape, cognitive ability, and success; landscape and social behaviors; using landscape in daily life for self-improvement; strategies for supporting environmentally-friendly behaviors.		
888102	Big Data for Business Prerequisite: None	3(3-0-6)
Introduction to big data. Business problems and data science solutions. Basic tools for data mining. Predictive modelling. Clustering data. Decision analytic thinking. Visualizing model performance. Evidence and probabilities. Text mining.		
1.2 Innovative Co-creator Group		
703103	Introduction to Entrepreneurship and Business	3(3-0-6)
Entrepreneur role in economics development country Entrepreneur and business opportunities. The characteristic of entrepreneur and motivation factors, environment, types of business, forms of business, business plans, principle of management, marketing management, production management, financial management, accounting, taxation, business law, international business and business ethics for entrepreneur.		
1.3 Active Citizen		
140104	Citizenship Prerequisite: None	3(3-0-6)
Meaning, definition and concept of citizenship. Rights, liberties and obligations of citizenship. Problems awareness of daily life at local, national and international levels. Creation of public mind and moral for social responsibility and social awareness. Citizenship and the way of life in plural and multicultural societies. Creating a positive and peaceful attitude to enable conflict resolution by peaceful means. Political expression under laws, regulations, social norms and communal practice. Citizenship and the understanding of cultural tradition and local history. Ethics and vocational citizen.		

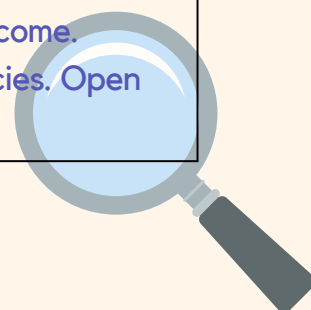
154104	Environmental Conservation Prerequisite: None	3(3-0-6)
Problems in the management and the utilization of natural resources with emphasis on soil, forest, water, minerals and wildlife, introducing some conservation methods and conservation measures necessary for Thailand.		
159151	Lanna Society and Culture Prerequisite: None	3(3-0-6)
Historical background of Lanna. The formation and the end of Lanna states. House, village and principality in Lanna. Temples and Buddhism in Lanna. Rituals and belief in Lanna. Ethnic groups in Lanna. Muslim and Christian in Lanna. Language, music and arts in Lanna. Customary events in Lanna. Mueang or Tai Yuan people. Lanna and changes in globalized era. Lanna and neighbors in Mekong region.		
951100	Modern Life and Animation Prerequisite: None	3(3-0-6)
Understanding in animation works and animated cinema. Evolution and forms of animation at present day. Idea and basic process of animation production, for instance, pre-production, production, and post-production. File utilization in presenting the animation projects of students. And the basic design of animation character.		
(2) Field of Specialization		
2.1 Core Course		
206171	General Mathematics I Prerequisite: None	3(3-0-6)
Matrices and systems of linear equations, linear programming, functions and graphs, limits and continuity of functions, the derivative, graph sketching and optimization.		
208271	Elementary Statistics for Social Sciences I Prerequisite: None	3(3-0-6)
Statistical methodology, data analysis, random variables and probability distributions, probability distribution of discrete random variables, probability distribution of continuous random variables, analysis of time series data, sampling techniques.		



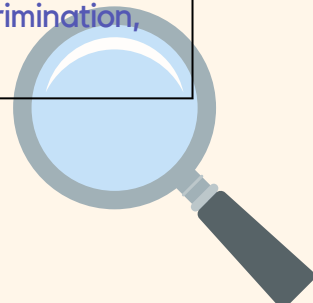
701100	Elementary Accounting Prerequisite: None	3(3-0-6)
Introduction to accounting, accounting definitions, accounting purposes, beneficial of accounting information, accounting framework, and accounting ethics. Accounting cycle, double-entry bookkeeping. Transaction analysis for merchandise and service. Journalizing in general journal and special journals, posting, trial balance, working papers, accounting adjustment, closing entries, and financial statement preparation, Bank reconciliation and petty cash.		
888111	Innovative Entrepreneurship Theory and Practice Prerequisite: None	3(3-0-6)
Evolutionary development of innovative entrepreneurship. Financial preparation for innovative entrepreneurial ventures. Social entrepreneurship and the global environment for innovative entrepreneurship. Creativity and innovation. Marketing challenges for innovative entrepreneurial ventures. Ethical and socially-responsible innovative entrepreneurship. Effective innovative business plan development. Business pitching. Economics for innovative entrepreneurship. Creation and protection of intellectual property. Technology for innovative entrepreneurship.		
888121	Digital Economy Prerequisite: None	3(3-0-6)
Digital economy. Concept and theory in digital economy. Game theory in digital economy. Current issues in digital economy. Decision making process in digital economy. Case study. Group assignment and presentation.		
888147	Innovation for Entrepreneur Prerequisite: None	3(3-0-6)
Introduction to innovation for entrepreneur. Seeking for opportunities in business. Finding resources to startup new business. Assessing business startup idea.		
154281	Economic Geography Prerequisite: None	3(3-0-6)
Development, definition and the importance of economic geography. Primary economic activities, secondary economic activities and tertiary economic activities. Globalization and economic development.		
176101	Introduction to Law Prerequisite: None	3(3-0-6)
General characteristics of law: legislative process, various categories of law; interpretation of law; law and peace; law and morality; law enforcement and acceptance; law and the security of the citizen; legal rights; prescriptions; principal laws being enforced in Thailand.		



703322	Communication for Business Results Prerequisite: None	3(3-0-6)
Communication for innovative business development, company and team building, market analysis survey, competitive advantages and marketing mix. Communication for job skills, resume and cover letter writing and interviewing, problems discussion and solutions for social enterprises.		
751325	American Marketing Economics Prerequisite: 3rd year Student	3(3-0-6)
American Marketing Economics: Cultures and consumers' behaviors. Practical analysis of the middle and high-end consumers. Empirical analysis of particular American markets. Tailoring products for American markets. Import regulations and products-standards. Markets-entries and strategies for various businesses.		
751419	Economic Theory and Entrepreneurship Prerequisite: 3rd year standing	3(3-0-6)
General concepts of economic theory and entrepreneurship. Behavior and characteristics of entrepreneurs. Creation of new ideas in doing business for potential entrepreneurs. Entrepreneurial opportunities in small and medium enterprises (SMEs). Case studies of entrepreneurial success in progress.		
751447	Seminar in Current Economic Problems Prerequisite: third year standing; for Economics students only	3(3-0-6)
A general survey of current economic problems affecting economic progress and stability with special emphasis on Thailand.		
954140	Information Technology Literacy Prerequisite: None	3(2-2-5)
Information technology and its impacts on society. Component of information technology system. Data processing. Introduction to data communication and computer network. Internet, intranet and extranet.		
Major Courses		
751106	Principles of Economics Prerequisite: None	3(3-0-6)
Basic concepts in microeconomics and macroeconomics. Market structures, demand, supply and equilibrium. Elasticity of demand and supply. Social welfare, market efficiency and microeconomic policies. Economy and national income. Economic growth and aggregated indicators. Monetary and Fiscal policies. Open economy and current macroeconomic issues.		



751202	History of Economic Thought Prerequisite: 751102 or 751106 or consent of the faculty	3(3-0-6)
A survey of economic thoughts from ancient days through contemporary economics. Biblical times, Greek and Roman, English-French-German. Mercantilism, Physiocrats and their doctrine. Philosophers, disciples, influence and criticism of Classical Economics, Marginal utility Economics. Ideal an scientific of Socialism, Keynesian Economics, Business cycletheorist, price theorist, the old and new Welfare Economics.		
751209	Introduction to Mathematical Economics Prerequisite: 751102 or 751106 and 206171 or consent of the faculty	3(3-0-6)
This course aims at furnishing the students of understand, as an introductory course, quantitative techniques of economics both in mathematical contexts and as an application to economic problems. It covers the nature of mathematical economics, economic models, types of economic functions, static (or equilibrium) analysis, comparative statics analysis. Maximal and minimal, differentials, dynamic analysis, matrix algebra, difference and differential equations.		
751220	Economic History Prerequisite: 751102 or 751106	3(3-0-6)
Development of European agriculture, industry, finance and international trade since 1750: growth of U.S. economy. A historical survey of the economic growth of some major Asian countries, and Thailand, with emphasis on the development of agriculture, industry, finance and international trade.		
751301	Microeconomic theory 1 Prerequisite: 751101/751106 and 206171 or consent of the faculty	3(3-0-6)
Consumer behavior, demand, supply, market price, price elasticities, classical utility and consumer demand, indifferent-curve analysis and modern utility theory. Theory of the firm: firm and its decisions. Theory of production, choices of inputs and outputs, cost function and basic concepts of linear programming.		
751302	Microeconomic theory 2 Prerequisite: 751301	3(3-0-6)
Price determination and policy in different forms of market. Competitive pricing, general equilibrium and economic welfare, monopoly pricing, price discrimination, pricing in imperfect competition and prices of factor of production.		

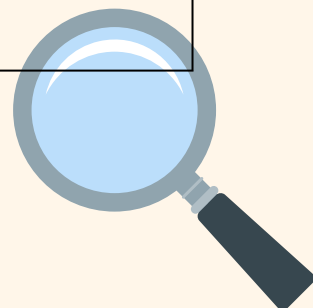


751303	PUBLIC FINANCE Prerequisite: 751301	3(3-0-6)
Revenue and expenditure activities of government. It deals with budgets, taxes, government expenditures and public debts. Effects of budgets on the economy, particularly the effects on the achievements of the major economic objectives; growth, stability, equity and efficiency.		
751304	ECONOMIC STATISTICS Prerequisite: 751102/751106 and 206171 or consent of the faculty	3(3-0-6)
This course is intended to emphasize the application of statistics to economic analysis: index numbers, time series, correlation and regression analysis, the method of least squares, simple and multiple regression.		
751305	ECONOMETRICS 1 Prerequisite: 208272 and 206172 or 751304	3(3-0-6)
A review of matrices and statistics, Introduction to econometric models and techniques, The ordinary least squares estimators, Testing the assumptions of ordinary least squares estimators, Generalized least squares, Dummy dependent variable models, and non linear estimators.		
751308	MACROECONOMIC THEORY 1 Prerequisite: 751102 or 751106 or consent of the faculty	3(3-0-6)
National income concepts, Static and dynamic theories of determination of national income and employment and of business fluctuations.		
751309	MACROECONOMIC THEORY 2 Prerequisite: 751308	3(3-0-6)
Fundamentals of Growth Economics. Problems of controlling economic activity Monetary and fiscal policies for promoting economic. Stability and growth.		
751320	INTERNATIONAL BUSINESS ECONOMICS Prerequisite: 751308	3(3-0-6)
Principle of international business economics. International business strategies in current economic situations. The US, EU, Chinese, Japanese, Russian and Middle East markets, cultures and consumers' behaviors. Import regulations and products-standards. Markets-entries. Political economy between the US, EU, China, Japan, Russia, Middle East and major countries such as India, Korea and others that affect international business.		

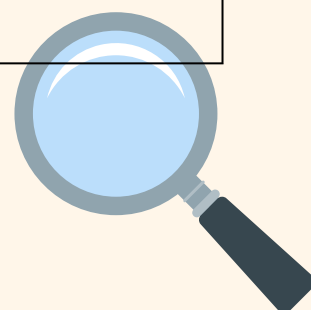


751321	COMMUNITY ECONOMIC DEVELOPMENT Prerequisite: 751102 or 751106	3(3-0-6)
Conceptual frame work of community economic development including the study of the past and present economic structures of Thailand, the sustainable development, the community economic development, the development of community economic development in Thailand, impacts of globalization and community adjustment.		
751322	INTERNATIONAL POLITICAL ECONOMY Prerequisite: 751202	3(3-0-6)
Political economy between the Middle East, US. and Europe. The ongoing wars: Seizure of natural resources. Strategic, economic and political alliances. Analysis of integrated impacts of the international political economy on global and Thai economies; applied strategies.		
751323	MODERN CHINESE ECONOMY Prerequisite: 3rd year Student	3(3-0-6)
Understanding modern China: The historical turning points. Reform and economic development. Business opportunities and joint-venture potentials in China: Successful case studies. Building brands and niche products for Chinese markets.		
751326	ASEAN ECONOMY IN THE GLOBAL ECONOMIC CONTEXT Prerequisite: 751101 or 751102 or 751106	3(3-0-6)
Introduction of the structure of the integration of the countries in the region. Structure of ASEAN and challenges of ASEAN Economic Community (AEC). Economic structure of ASEAN's member countries and ASEAN. Linkages of logistic, commercial and financial interests of the countries of ASEAN countries and others. Roles of ASEAN integration in trade and investment aspects. Context of normative and legal issues and problems of ASEAN in economic, trade, financial, social, political, and cultural aspects related to Thailand's roles in ASEAN platform. Obstacles and challenges of ASEAN integration and ASEAN economic policy in the future. Case study of current issues of ASEAN countries.		
751327	ICT ECONOMICS AND TELECOMMUNICATIONS POLICY Prerequisite: 751301	3(3-0-6)
Economic, sociological and psychological aspects of consumer behavior, in reference to the latest trend in telecommunication, information and communication markets and technologies. Business orientations in such a rapidly changing area as telecommunication services and ICT. The goal of this course is to acquire theoretical foundations and some application abilities for analyzing consumer's behavior in the face of the emergence and diffusion of new services such as ICT and innovation as well as introducing telecommunication policies and regulations.		

751330	MONEY AND BANKING Prerequisite: 751102 or 751106 or consent of the faculty	3(3-0-6)
The nature and function of money and finance; the role of money, kinds of money, monetary standards, debt, credit and finance instruments, finance, intermediaries, Commercial banking system and policy. The role of central bank, central banking system of the U.S.A., U.K. and Thailand. Instruments of monetary policy. Monetary policy and fiscal policy. Money market and capital market. Credit market in Thailand.		
751332	MONETARY THEORY Prerequisite: 751330	3(3-0-6)
Meaning, changes, measurement and importance of changes of the value of money. The early and improved Quantity Theory, the equation of exchange and the demand for money. Rate of interest, loanable funds and liquidity preference theory. Keynes' Monetary Theory, money market and IS LM curves, money and industrial fluctuations, monetary policy and its practice.		
751340	INTRODUCTION TO AGRICULTURAL ECONOMICS Prerequisite: 751102 or 751106	3(3-0-6)
General ideas in agricultural economics; land capital labor and management. Present farm management in Thailand. Land tenure, systems and types of farming, farm organization and management. Agricultural credit. Demand, supply and marketing of agricultural products. Problems in agricultural economics.		
751342	LAND ECONOMICS Prerequisite: 751102 or 751106	3(3-0-6)
Man and land, the supply of land for economic use, population pressure and demand for land. Land resource requirement, input-output relationships affecting, land use and economic returns to land resource. Land resource development decisions, conservation and values of land resource and the real estate market. Impact of institutional factors on land use. Planning and public measures for directing land use.		
751345	TRANSPORTATION ECONOMICS Prerequisite: 751102 or 751106	3(3-0-6)
Transportation and economy, scope of transportation economy, transport location, transportation efficiency, land rent and transportation, transportation consideration, importance of transportation.		



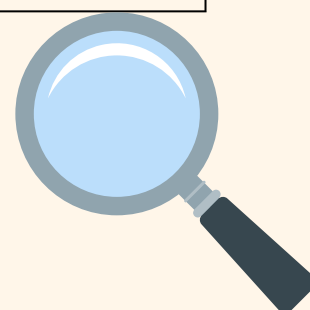
751347	COOPERATIVE ECONOMICS Prerequisite: 751102 or 751106	3(3-0-6)
<p>Historical development, idea and definition of cooperative. Rochdate principles and principles of different types of cooperative organization, comparison of cooperative to other economic systems and to other types of business organization.</p> <p>Development and cases study in cooperative problems in Thailand Cooperative and the social and economic development of Thailand. Cooperative movement in selected countries. The preliminary cooperative organization work Cooperatives and their worldwide status.</p>		
751401	INTERNATIONAL ECONOMICS Prerequisite: 751302 and 751308 or consent of the faculty	3(3-0-6)
<p>This course is intended to provide general concepts and theories of international trade, and related problems. Pure and monetary aspect of international theories. International migration of factors of production: labor and capital movement and the effect of factor migration. Economic integration among developing countries.</p>		
751403	ECONOMETRICS 2 Prerequisite: 751305	3(3-0-6)
<p>Basic econometric tools, Econometrics for time series, cross sectional, and panel data, Econometric tools for other analyses.</p>		
751405	THEORY OF ECONOMIC DEVELOPMENT Prerequisite: 751308	3(3-0-6)
<p>Concepts and theories related to the problems of economic growth in both developed and developing countries. A general survey of economic development theories from the classical era up to present and the comparison and evaluation of those theories.</p>		
751408	RESEARCH METHODS IN ECONOMICS Prerequisite: 751301 and 751308 and 751304 or 751407	3(3-0-6)
<p>Basic procedures and methods of research in economic are considered from the standpoint of their applicability to problem solving and discovering of new scientific facts and generalizations in economic. Definition of the problem, statement of hypothesis, research design, data collection methods and data analysis constitute the major topics. Attention is given to proper style and preparation research reports in economics.</p>		



751409	RESEARCH EXERCISE IN CURRENT ECONOMICS ISSUES Prerequisite: 751408	3(3-0-6)
An individual research exercise on current economics issues under general guidance and supervision of instructor.		
751411	THE ECONOMICS OF EUROPEAN ECONOMIC INTEGRATION Prerequisite: 751401	3(3-0-6)
Theoretical analysis of economic integration and review of relevant economic policies such as trade, agricultural, industrial, monetary and fiscal policies of the European Union. Impact of the integration on external relations with other countries.		
751413	INTRODUCTION TO INPUT-OUTPUT ANALYSIS Prerequisite: 751209	3(3-0-6)
Concepts of Input-Output analysis and the applications of this technique to national economy. Methods and problems of constructing and Input-Output table.		
751414	INTRODUCTION TO APPLIED ECONOMETRICS Prerequisite: 751410	3(3-0-6)
An introduction to stationary and nonstationary random variables. Estimation and hypothesis testing. An introduction to nonstationary univariate time series models. Developments of nonstationary univariate time series models. Stationary and nonstationarity in single-equation regression analysis. Endogeneity and the fully modified ordinary least squares estimator. Econometric theory applications to the demand for money, the term structure of interest rates, the Phillips curve, the exchange rate and purchasing power parity. Multivariate and cointegration. Application of multivariate models involving cointegration. Autoregressive conditional heteroscedasticity : modeling volatility.		
751416	MATHEMATICAL ECONOMICS Prerequisite: 751209	3(3-0-6)
This courses approaches macroeconomic and micro-economic theories mathematically beyond the introductory course (ECON 209). It covers how economists think and how they approach some of the analytical problems by resorting to the model building approach using mathematical tools, emphasis on method of analysis.		



751417	MANAGERIAL ECONOMICS Prerequisite: 751302 and 206172 and 208272	3(3-0-6)
The decision-making process involving the economic activities of a firm. These activities include: optimization techniques, demand analysis and forecasting, production and cost analysis, market structures and pricing, risk analysis and long-run planning, government policy and regulations, and the international economy.		
751418	BUSINESS CYCLE THEORY Prerequisite: 751308	3(3-0-6)
Theories and concepts of business cycle, including an analytical survey of the history and nature of cyclical economic fluctuations, policies of economic stabilization. Relationship between business cycle theories and economic growth theory.		
751420	INTERNATIONAL FINANCE Prerequisite: 751401	3(3-0-6)
Financial policies to maintain a monetary equilibrium in its foreign transactions. Choice among exchange rate regimes as the first step in making international policy. Free exchange rate and fixed exchange rate will be closely studied. The comparison study of internal equilibrium and external equilibrium; full employment at home or payments equilibrium.		
751421	ECONOMICS OF INVESTMENT Prerequisite: 3rd year standing	3(3-0-6)
Investment decision and economic variables. Uncertainty and decision making. Sources of information on investments. Introduction to security valuation using economic theory. Industry analysis using economic theory. Company analysis using economic theory. Bond market. Introduction to bond valuation. Introduction to financial derivatives and economic theory. Introduction to foreign exchange markets. Analysis of foreign exchange rates using economic theory. Application of financial derivatives and capital markets. Due diligence and initial public offerings. Mergers and acquisitions.		
751422	TECHNICAL ANALYSIS FOR INVESTMENT Prerequisite: 3rd year standing	3(3-0-6)
Dow theory. Basic concept of trends. Major reversal patterns. Moving averages. Relative strength index. Moving average convergence and divergence. Stochastics. Oscillator. Momentum.		



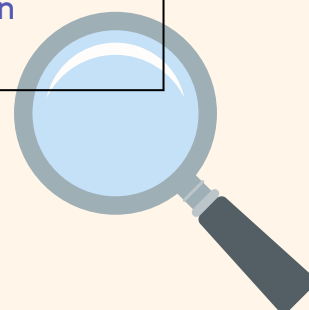
751424	ECONOMIC DEVELOPMENT OF DEVELOPING COUNTRIES Prerequisite: 751308	3(3-0-6)
Basic characteristics of poor countries; obstacles to development; general requirements for development. Domestic policy issues; prospect for development and some topics for case studies.		
751425	ECONOMIC GROWTH Prerequisite: 751209 and 751302 and 751309	3(3-0-6)
Stylized facts related to economic growth, including the study of concepts and modern theories of economic growth, wealth accumulation and capital mobility, technological progress and economic growth, education and economic growth, and endogenous growth.		
751427	ECONOMIC PLANNING Prerequisite: 751309	3(3-0-6)
Types, methods and applications of planning. Concepts and significance of economic planning as relevant to economic development. Economic planning of Thailand. A survey of different approaches to economic planning in some other countries.		
751428	POLITICAL ECONOMY Prerequisite: 751100 or 751102 or 751106	3(3-0-6)
Fundamental concepts, structures, and system of political Economy. Political economic interpretation of authoritarianism, individualism, socialism, nationalism, and ethics. Thai economic system from political economic perspective. Political economic power concentration in Thai economic development and problems.		
751429	COMPARATIVE ECONOMIC SYSTEM Prerequisite: 751202	3(3-0-6)
Characteristics and functions of an economics system. Analysis of alternative patterns of economic control, planning and market structure. Experiences under capitalism, socialism and mixed economics. Consideration of their theories and philosophies.		
751434	COMMERCIAL BANKING Prerequisite: 751330	3(3-0-6)
Banking practice and policy; evaluation of Thai banking institutions, banking organization and management: deposits, loans, discounts, investments and negotiable instruments. Branch banking: special aspects of bank accounting: role of commercial bank financing in foreign trade; foreign exchange transaction interbank transaction and clearing system.		



751437	TAX SYSTEM Prerequisite: 751102 or 751106	3(3-0-6)
Principles and purpose of taxation. The effect of taxation upon the economy, tax base and tax rate. The shifting and incidence of taxation. Principles which regulate the incidence of taxes. Principles of some major taxes. Tax system of Thailand. The relationship of taxation and economic development. Taxation and economic stabilization. Problems of taxation of developing countries. Tax as an instrument for fiscal policy.		
751440	LABOR ECONOMICS Prerequisite: 751301	3(3-0-6)
Introduction to labor economics, labor supply, labor demand, labor market equilibrium, wage structure, labor mobility, labor union, unemployment, labor policies and special topics in labor economics.		
751441	ECONOMICS OF WATER RESOURCES Prerequisite: 751209 and 751302 ; for major or consent of the faculty for non-major	3(3-0-6)
The importance of water resources to the economy, an allocation of water resources for agricultural, municipal, industrial and environmental purposes, Roles of price mechanism and social institutions in water allocation, cost-benefit analysis, advantages in water resource development project, pollution and wastewater management, impacts of climate change on water resource managements, models of demand for surface and groundwater, river basins and watershed management and case studies.		
751442	REGIONAL ECONOMICS Prerequisite: 751302	3(3-0-6)
Regional economic theories, interregional trade and factor mobility regional economic growth, regional economic analysis techniques, and regional planning.		
751443	INDUSTRIAL ECONOMICS Prerequisite: 751102 or 751106	3(3-0-6)
Nature and scope of the process of industrialization, the patterns of industrial growth the structure and functioning of industries and industrial relation, location of industries.		
751444	URBAN ECONOMICS Prerequisite: 751302	3(3-0-6)
Economic analysis of urban location, land-use, and economic growth. Problems of urban transportation, public finance, housing, poverty and environmental quality. Urban economic planning.		



751445	NATURAL RESOURCE ALLOCATION AND POLICY Prerequisite: 751302	3(3-0-6)
Policy analysis and allocation of natural resources to serve the target of national economic and social development.		
751446	ECONOMY OF THAILAND Prerequisite: 751301 and 751308	3(3-0-6)
A study of the structure of the Thai economy in the past and at present. Analysis of the use of resources in production; expenditure on consumption and investment; foreign trade; economic and social development, economic statilization; including major economic problems.		
751448	SEMINAR IN GLOBAL INVESTMENT ISSUES Prerequisite: 751421 and 751422	3(3-0-6)
Global investment issues are presented, analyzed, and discussed.		
751449	COOPERATIVE EDUCATION Prerequisite: 3rd year standing	6(0-30-0)
Students are required to work in the organizations related to economics major for a minimum period of 16 weeks as a staff under the supervision of in-charge trainer(s) of the organizations and instructor(s) of the university. Grading will be given on satisfactory or unsatisfactory basis.		
751451	HEALTH ECONOMICS Prerequisite: 751301 and 751308	3(3-0-6)
Basic concepts in health economics, public goods, externalities and health care services. Demand for and supply of health care, the economic evaluation of health programs. Technical efficiency, economic efficiency and cost of health care services. Resource allocation in health sector and the development of health. Health insurance, health care delivery system and analysis of health problems in Thailand.		
751452	ECONOMICS OF CLIMATE CHANGE Prerequisite: 751301 for major; or consent of the faculty for non-major	3(3-0-6)
Global climate change, greenhouse gas emissions, and market failures. Economic tools to control greenhouse gas emissions such as carbon tax, carbon credit market, and measures to promote climate-friendly investment. Multilateral negotiation on climate change. Impact analysis of greenhouse gas reduction measures on international trade, investment, and economic growth.		



751453	DEVELOPING APPLICATION FOR DATA ANALYTICS IN ECONOMICS Prerequisite: 751305	3(3-0-6)
Review of basic econometrics and statistics. Introduction to R program language. Building a user interface. Building a user server. Application and graphic design. Developing application for analyzing economic and financial data. Publishing application on online platform.		
751454	BEHAVIORAL ECONOMICS Prerequisite: 751301 for major; or consent of the faculty for non-major	3(3-0-6)
The concepts of rationality in mainstream economics as well as the history of behavioral economics concepts by discussing concepts and theories of behavioral economics, such as prospect theory, mental accounting, and heuristic bias, emotions, decision-making, self-control, social norms, experimental games, motivation, dishonest behavior, framing effect, behavioral economics on happiness, and also guideline for behavioral policy design under the concept of Nudge and Boost.		
751471	ECONOMICS OF DECENTRALIZED FINANCE Prerequisite: 751101 or 751106	3(3-0-6)
The mechanism of blockchain, smart contract, the mechanism and types of Crypto currencies and token exchange, the mechanism of governance token and yield farming or liquidity provider, the mechanism of stable coin and synthetic asset token, DeFi (Decentralized Finance) related businesses such as auto-compound farming business, leverage farming business, lending and borrowing business, insurance business, dashboard business, portfolio management business, decentralized multi-chain fund management business and launchpad business, the mechanism of Non-Fungible Token (NFT), NFT related businesses such as GameFi and gambling.		
751472	ECONOMICS OF TOKENOMICS AND NON-FUNGIBLE TOKEN Prerequisite: 751101 or 751106	3(3-0-6)
Concepts of tokenomics and non-fungible token (NFT). How arts, music and other industries associate with non- fungible token and how to improve their values. Exploring non- fungible token marketplaces. Tokenomics of GameFi and Metaverse and GameFi investment strategies. Success and failure cases of.		

