

EBA COURSE DESCRIPTION



Bachelor of Arts Program in Economics (EBA)

Chulalongkorn University

COURSE DESCRIPTIONS

General Education Courses

Compulsory

All EBA Students must take 5 General Education Courses (from “Social Sciences”, “Humanities”, “Interdisciplinary”, or “Science-Mathematics”) in order to graduate. Each General Education course needs to be a 3-credit course. It is important that one of which has to be a course in a “Social Sciences” category. For course description please visit : <https://qened.chula.ac.th>

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| 5509111 | Essential English for Economics I ESS ENG ECON I Basic economics vocabulary; practice in the four language skills, emphasizing reading for main ideas and details, vocabulary development, sentence and short paragraph writing, and oral communication. | 3(2-2-5) |
| 5509122 | Essential English for Economics II (Prerequisite: 5509111 ESS ENG ECON I) ESS ENG ECON II Further practice in the four language skills, emphasizing reading for main ideas and details, vocabulary development, short and long paragraph writing, and oral communication. | 3(2-2-5) |
| 5509213 | Writing for Economics (Prerequisite: 5509122 ESS ENG ECON II) WRIT ECON Practice in writing essays on economics topics, using different sentence types and patterns, paraphrasing, and summarizing. | 3(2-2-5) |
| 5509224 | Oral Communication for Economics (Prerequisite: 5509213 WRIT ECON) ORAL COMM ECON Practice in economics presentations and formal business meetings. | 3(2-2-5) |

Compulsory Electives

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| 2952165 | Introduction to Computer Application for Economists COMP APP ECON Concepts of Information Technology, cloud based applications and mobile applications, office applications, image processing application, data visualization application, and statistical analysis application. | 3(3-0-6) |
| 2952319 | ASEAN Economies ASEAN ECON Comprehensive and profound understanding of ASEAN economies' diversity in both traditional and contemporary features; best understanding of ASEAN from both the economic perspective and all other important perspectives. | 3(3-0-6) |



Economics Core Courses

Fundamental Subjects

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| 2601120 | Financial Accounting FIN ACCTG Concepts of accounting; financial statements; recording process; adjusting the accounts; accounting cycle; accounting for service and merchandising operations; preparation of cash flow statements and basics of financial statement analysis. | 3(3-0-6) |
| 2952101 | Principles of Economics PRIN ECON Definitions of Economics, economic system, microeconomics and its applications; demand, supply, production, market structure (goods and factors), market failure; macroeconomics and its applications; national income, monetary and fiscal policies, financial market, open economy, economic growth and income distribution. | 4(4-0-8) |
| 2952301 | Microeconomic Theory I (Prerequisites: 2952101 PRIN ECON, 2952351 MATH ECON I) MICRO THEO I Consumer's theory; demand and elasticity, market demand; production function; cost theory; price and output determination under perfect competition, monopoly, oligopoly, and monopolistic competition. | 4(4-0-8) |
| 2952302 | Macroeconomic Theory I (Prerequisites: 2952101 PRIN ECON, 2952351 MATH ECON I) MACRO THEO I Basic concepts of macroeconomics; meaning of money and inflation, theory of money supply and demand; analysis of open economy under Mundell-Fleming model; labor market and unemployment, economic fluctuation and explanation of basic economic cycle; analysis of aggregate demand; analysis of aggregate demand in an open economy. | 4(4-0-8) |
| 2952303 | Microeconomic Theory II (Prerequisite: 2952301 MICRO THEO I) MICRO THEO II Theory of revealed preference; Slutsky equation; consumption with endowment; intertemporal consumption; choice under uncertainty; factors market; general equilibrium and welfare economics; game theory; market failure such as externalities, public goods and market with asymmetric information. | 4(4-0-8) |
| 2952304 | Macroeconomic Theory II (Prerequisite: 2952302 MACRO THEO I) MACRO THEO II The Solow growth model; the endogenous growth model; macroeconomic theory of consumption and investment; analysis of aggregate supply; used of stabilization policy; impact of government debt on economy; dynamic aggregate demand and aggregate supply model; advanced business cycle theory and the Neoclassical and new Keynesian approaches to economic fluctuations; an introduction to microfoundation of macroeconomics analysis. | 4(4-0-8) |
| 2952351 | Mathematics for Economists I MATH ECON I Mathematics applied to economics in the following topics: sets; relations; functions and graphs; types of functions; equations and inequalities; limits; derivatives of functions with one variable; optimization of functions with one variable; partial derivatives; total differential; optimization of multivariable functions; equality constrained optimization; sequences and series; interest computation; present value; future value; annuity. | 4(4-0-8) |



2952352 **Mathematics for Economists II** **4(4-0-8)**
(Prerequisite: 2952351 MATH ECON I)
MATH ECON II
Mathematics applied to economics in the following topics: system of equations; vectors; matrices; definite and indefinite integration; multiple integration; introduction to differential and difference equations.

2952353 **Statistics for Economists** **4(4-0-8)**
STAT ECON
Applications of statistics in economics: random variables; probability; probability distribution of discrete random variables; normal distribution; sampling distribution; estimation theory; hypothesis testing; chi-square distribution; non-parametric testing; simple regression and analysis of variance.

Compulsory

2952315 **Thai Economy** **3(3-0-6)**
THAI ECON
Broad picture of Thai economic system, including: macroeconomic development of Thai economy, components of Thai economy, mechanism of Thai economic system, interrelationship between Thai and global economy, and economic and social problems in everyday life.

2952321 **Economics of International Trade** **3(3-0-6)**
ECON INTER TRAD
(Prerequisite: 2952301 MICRO THEO I)
International trade policy theories; international trade theories from classical schools to modern theories; departure of trade policies from the free trade conditionally embedded in all trade theories; optimal tariff policies of a large economy; quota restrictions and tariff quota restrictions; theories of subsidies; theories of effective rate of protection and domestic resource costs; other types of indices on comparative cost advantage and principles of bilateral trade agreements; types of regional trade agreements and results of multilateral trade negotiations.

2952322 **Economics of International Finance** **3(3-0-6)**
(Prerequisite: 2952302 MACRO THEO I)
ECON INTER FIN
International finance and new open economy macroeconomics; exchange rate behavior; international capital/financial market imperfections; balance of payment crisis; growth in open economies and policy coordination.

2952341 **Economics of Money and Financial Market** **3(3-0-6)**
ECON MONEY FIN MKT
(Prerequisite: 2952302 MACRO THEO I)
Role and significance of money and credit in the economic system; financial system and financial markets; role of interest rates in the financial system; commercial banks and money supply; central bank and use of monetary policy influencing economic activities; significance of money in international trade and international payments; role of commercial banks.

2952355 **Introduction to Econometrics** **3(3-0-6)**
INTRO ECONOMET
(Prerequisite: 2952353 STAT ECON)
Problems in multiple regression analysis with rejected hypotheses; major and widely used econometric techniques at introductory level: dummy variables; distributed lagged models, simultaneous equation models.



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| 2952361 | Corporate Finance for Economists CORP FIN ECON (Prerequisite: 2601120 FIN ACCTG) Goals of financial management for business sectors; techniques used in financial analysis; financial planning and control; working capital management; capital budgeting; long-term financing; cost of capital and capital structure. | 3(3-0-6) |
| 2952496 | Research Methodology RES METH (Prerequisites: 2952321 ECON INTER TRAD, 2952322 ECON INTER FIN and 2952355 INTRO ECONOMET) Process of conducting specific economic research; topic selection; literature search and review; understanding and selecting appropriate research methods; formulating and testing hypothesis; report writing technique; presentation technique. | 2(2-0-4) |
| 2952498 | Senior Research SENIOR RESEARCH (Prerequisite: 2952496 RES METH) Writing an economic research paper in the chosen field of concentration under the supervision of an advisor; and research presentation. | 4(0-12-0) |
| 5509315 | Analytical Writing in Economics (Prerequisite: 5509213 WRIT ECON) ANAL WRIT ECON Practice reading and critical skills in economic texts; practice writing skill in presenting economic briefings and analytical and critical reviews. | 3(3-0-6) |

Electives

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| 2222001 | Mandarin I MANDARIN I The sound system of Mandarin Chinese, basic syntactic structures, basic vocabulary in everyday life; with emphasis on correct standard pronunciation; knowledge of 500 Chinese characters. | 3(3-0-6) |
| 2601224 | Managerial Accounting (Prerequisite: 2601120 FIN ACCTG) MNGL ACCTG Roles of accounting in management; cost concepts and classifications, production costing, job costing, process costing, activity-based costing, full costing and variable costing, cost-volume-profit analysis, analysis of costs for decision making, standard costing and variance analysis, budgeting, responsibility accounting and performance evaluation. | 3(3-0-6) |
| 2602313 | Management and Organization MGT/ORGANIZATION Nature of organization; managerial process; role of managers and functions of management; planning, organizing, staffing, directing, motivating, and controlling; nature of authority, accountability and responsibility; analysis of managerial roles and the concept of leadership. | 3(3-0-6) |
| 2602371 | Principles of International Business Management PRIN INTL BUS MGT Principles and methods of dealing with multinationals; managing multinational companies; models and strategies of multinational corporate management; business functions: international marketing, international finance, comparative management, and international business policy. | 3(3-0-6) |



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| 2602417 | Entrepreneurship ENTREPRENEURSHIP Characteristics of entrepreneur; analysis of entrepreneur's problems and opportunities; investigation of new business opportunities; business plan; concept of selecting business and type of investment; managing a young enterprise for profitability and growth. | 3(3-0-6) |
| 2952111 | Sufficiency Economy and Buddhist Economics SUFF BUDD ECON Principles and practice of "Sufficiency Economy" as introduced by the King; interpretation of the concepts and its role both for urbanites and farmers; sufficiency economy and development from a Buddhist perspective; Buddhist economics in western and Asian literature. | 3(3-0-6) |
| 2952205 | History of Economic Thought (Prerequisite: 2952101 PRIN ECON) HIST ECON THOUGHT Review of schools of economic thought from mercantilism through classical, socialist, marginalist, institutional, Keynesian and various contemporary schools of thought. | 3(3-0-6) |
| 2952216 | Economics of War and Peace ECON WAR PEACE Application of economic principles to war; militarism, terrorism and peace intervention; capital and manpower in military, both conventional and non-conventional; structure, conduct and performance of violent conflict; production and cost of war and weapons; arms industry, arms trade, and war finance; consequences of violent conflict: conflict management, peacekeeping, post-conflict reconstruction and peace failure. | 3(3-0-6) |
| 2952261 | Business Economics and Modern Practice BUS ECON PRAC Introduction to business economics and modern practice; critical factors contributing to business success in the world today; analysis of various concepts, objectives, policies and strategies of firms under competitive environment and socio-cultural factors and technology undergoing rapid changes; modern and wide-ranging topics on business economics. | 3(3-0-6) |
| 2952263 | Professional Development and Design Thinking PROF DEV DSGN THKG The use of design thinking approach to develop self-awareness skills and the prototype of future career, including self-assessment of knowledge, skills, people and working conditions; self-examination in the aspects of lifestyle and values; research and analysis of career information with input from professional opinions; constructing a well-informed career decision; action plan to pursue their compatible career; Resume writing. | 2(2-0-4) |
| 2952264 | Economics of Business Disruptive and Transformations ECON BUS DISRUPT (Prerequisite: 2952361 CORP FIN ECON) Enterprise's strategies including design process, launching and executing; analyzing, synthesizing and forecasting from the perspectives that affect corporate structure; simulating a holistic model of an enterprise of the future to cater unprecedented transformations and disruption in the digital era. | 3(3-0-6) |
| 2952265 | Economics of Sport ECON SPORT (Prerequisite: 2952301 MICRO THEO I) Application of economics principles to sports; organization and objectives of sports leagues; sports market; the value of sports talents; monopoly power of sport superstars; public subsidies for sport facilities; sports and economic development. | 3(3-0-6) |



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| 2952266 | Self-Awareness and Personal Growth SELF PERS GROWTH Self-awareness concept and skills; personality assessment; science of self-acceptance; personal values; basic principles of growth mindset; personal development tools; personal productivity techniques. | 3(3-0-6) |
| 2952267 | Socially Responsible Entrepreneurship SOC RESP ENTREP Basic principles of user-centered innovation and circular design; innovation and entrepreneurial mindset; design thinking methodology and practices; innovation project implementation; concept of sustainable business; basic principles and roles of self-leadership; concepts of ownership and social responsibility. | 3(3-0-6) |
| 2952268 | Communication Master COMM MASTER Effective communication; negotiation for good results; presentation skills; persuasive communication; communicative skills to create collaboration; negotiating skills. | 3(3-0-6) |
| 2952271 | Financial Report and Analysis for Economists FIN REP ANAL ECON (Prerequisite: 2601120 FIN ACCTG) Accounting analysis and financial analysis in the new context that are relevant to economists; concepts of processes and methods of financial analysis ranging from computation of ratios and cash flow measures to earning prediction and equity valuation. | 3(3-0-6) |
| 2952305 | Behavioral Economics BEHAV ECON Behavior of economic agents that differ from standard economic assumptions models, particularly, the effects of bounded rationality of economic agents on their decision making on various topics. Application of behavioral factors to real life phenomena. | 3(3-0-6) |
| 2952306 | Economics of Industrial Organization (Prerequisite: 2952301 MICRO THEO I) IND ORG Behavior and performance of firms in relation to market structure and behavioral strategies; vertical and horizontal integration, sources of monopoly power, optimal pricing behavior, and strategic interaction between firms; control of market structure and organizational behavior. | 3(3-0-6) |
| 2952307 | Transport Economics and Revenue Management TRANS ECON REV MGT Demand for transport; transportation cost; transportation market and competition; transport regulations and policies; pricing and revenue management; demand forecast; transport system planning and appraisal; transport externalities; urban transport; freight transport; rail transport; air transport. | 3(3-0-6) |
| 2952308 | Economics of Legal Issues ECON LEGAL ISSUES Economic analysis of important legal issues, including those related to the effects on allocation of resources and distribution of income. Areas covered <i>inter alia</i> include property rights, contracts, torts, and legal procedure and dispute resolution, etc. | 3(3-0-6) |
| 2952311 | Economic Development (Prerequisite: 2952101 PRIN ECON) ECON DEV Principles, concepts and theories of economic development; basic characteristics, structures and problems of developing countries; economic and other factors influencing development; agricultural and rural development; industrial development; technological change; population; education and health, savings; investment; international trade, investment and debt; problems and alternatives of development. | 3(3-0-6) |



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| 2952312 | Digital and Innovative Economy (Prerequisite: 2952301 MICRO THEO I) DIGIT INNO ECON Analysis of the topics on fundamental concepts in digital and innovative economy and its application. | 3(3-0-6) |
| 2952313 | Labour Economics (Prerequisite: 2952301 MICRO THEO I) LAB ECON Concepts and theories of labour market functioning; theories of demand and supply in labour markets; wage determination; labour migration; unemployment; role of labour organizations; human resources and health; government policies affecting labour markets. | 3(3-0-6) |
| 2952314 | Energy Economics for Sustainability (Prerequisite: 2952101 PRIN ECON) ENGY ECON SUST Basics of energy; energy technologies and evolution of conventional and renewable energy; efficiency in energy use; energy security; structure of electricity power market; energy policy and economic aspects; equilibrium in energy market; decentralisation of energy system; roles of energy in sustainable development. | 3(3-0-6) |
| 2952316 | East Asian Economics (Prerequisite: 2952101 PRIN ECON) EAST ASIAN ECON Roles and characteristics of Asian economies and current economic situations of selected countries in Asia; economic growth; industrial reforms; agricultural problems; international trade and technology; policies of macroeconomic stabilization and growth prospects. | 3(3-0-6) |
| 2952317 | Chinese Economy and Politics CHIN ECON POL Development of the economic institutions and processes which have shaped the Chinese economy and politics; the political economy of restructuring of state-owned enterprises, the provision of social welfare and the consequences of rapid modernization on corruption; the issues of democracy, leadership succession, and civil-military relations in China; recent developments of the Chinese economy and the prospects for continued growth in China over the next decade; effects of the change of China's policies on Thailand. | 3(3-0-6) |
| 2952318 | Russian and European Economies RUS EUR ECON Comparison and investigation of Russian and European Union's economic system; special micro, macro and strategic interests; their unique properties and potentials; Russo-EU relations and strategies; implications of Russo-EU developments for Thailand. | 3(3-0-6) |
| 2952324 | Economic Diplomacy ECONOMIC DIPLOMACY Introduction to modern diplomacy related to international economic cooperation and negotiations; the role of global economic institutions; the formation of international economic cooperation; consulting versus negotiating flora; trade disputes and retaliatory trade actions, bilateral trade agreements, regional economic integration and multilateral trade negotiations; Thailand's approaches to regional conflicts and competition; Thailand and economic cooperation agreements with neighboring countries; the roles of Thailand's Ministry of Foreign Affairs and Department of Trade Negotiations; various issues in Thailand's diplomatic economics. | 3(3-0-6) |



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| 2952325 | World Trading System (Prerequisite: 2952321 ECON INTER TRAD) WORLD TRAD SYS Linkages between developing countries and the world trading system; various issues confronting the WTO-based multilateral trade negotiations; business practices and some legal issues related to the principles and the working of WTO; the relationship between regionalism, unilateralism and the multilateral trade order; regional integration theories; AFTA and major trading areas. | 3(3-0-6) |
| 2952331 | Public Economics (Prerequisite: 2952301 MICRO THEO I) PUBLIC ECON Public role in economic system; balance of public and private activities; structure of public expenditures and revenues; principles of taxation; impact of tax collection; budget and budget policy; fiscal policy. | 3(3-0-6) |
| 2952332 | Economics of Taxation for Business and Policy (Prerequisite: 2952301 MICRO THEO I) ECON TAX BUS POL Economics of taxation with emphasis on business planning strategy and policy formulation; impact of business taxation on choice of organization form, capital structure, investment and rule and regulation compliance; international and digital economy taxation. | 3(3-0-6) |
| 2952333 | Natural Resources and Environmental Economics (Prerequisite: 2952101 PRIN ECON) NAT RES ENV ECON Economic approach to natural resources and environmental problems; efficient uses of natural resources and sustainable trade and production; political economy of natural resources; project analysis with respect to pollution and environment; policies on natural resources, environment and related industry. | 3(3-0-6) |
| 2952335 | Political Economy (Prerequisite: 2952101 PRIN ECON) POL ECON Various frameworks that economists and political scientists refer to concerning the relationship between economics and politics; the interaction between economic policies and the election process under the democratic system; the impacts of political variables on economic phenomena; roles of lobbyists, political donation or contributions and political activities of various interest groups that may influence economic policies and political outcomes. | 3(3-0-6) |
| 2952336 | Economics of Anti-Corruption ECON ANTI CORR Relationship between Law and Economics; economic rationales behind various legal matters, including contract, property, trade competition and corruption; practical anti-corruption mechanism in the legal system based on valid economic theories. | 3(3-0-6) |
| 2952337 | Institutional Economics (Prerequisite: 2952303 MICRO THEO II) INST ECON Introduction to institutional economics; concepts in institutional analysis for economists; roles of geography, culture and politics on economic development; topics of discussion on the guidelines for economic development from the perspective of institutional economics, including modern concepts. | 3(3-0-6) |



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| 2952338 | Urban Economics and Policy (Prerequisite: 2952303 MICRO THEO II) URBAN ECON POL The theory of urban land and housing markets; the spatial development of cities; internal and external economic impetuses and roles played by transportation systems and local governments; shaping urban location patterns; interregional competition and economic development. | 3(3-0-6) |
| 2952339 | Urban Planning for Economists (Prerequisite: 2952303 MICRO THEO II) URBAN PLAN ECON Introduction to real-life urban planning and concepts of cities both physically and policy-based, including the emerging trend of "global city.", principles of design of the built environment from the economic, municipal and metropolitan perspectives; the process of transformation of cities affecting positive social changes and political and economic forces; evaluation and process of urban planning consistent with changing economic conditions. | 3(3-0-6) |
| 2952342 | Fintech and Financial Transformation in Modern Economy (Prerequisite: 2952341 ECON MONEY FIN MKT) FINTECH FIN TRANS Fintech and financial transformation in modern economy; landscape, key products, operations and regulations of financial market; analysis of banks' financial statements; asset-liability optimization under the limitation of given capital and liquidity; interest rate and liquidity risk management; measurement of credit risk and economic capital; Basel regulatory framework; Fintech and key innovations in financial solutions on payments; international remittances; cryptocurrency; decentralized finance; crowdfunding; digital lending and alternative credit scoring. | 3(3-0-6) |
| 2952343 | Monetary Theory and Policy MON THEO/POL (Prerequisite: 2952302 MACRO THEO I) Evolution of monetary theories; concepts of money demand: money supply and the transmission process linking changes in money supply to economic activities; monetary policies and objectives of macroeconomic policies; linkage between monetary and fiscal policies for economic stabilization and economic growth. | 3(3-0-6) |
| 2952354 | Applied Data Analysis (Prerequisite: 2952351 MATH ECON I) APPL DAT ANAL Describing Data, probability, uncertainty and decision making, statistical inference, regression, forecasting and time series, decision modeling, recent data methodology, the use of computer cross-sectional data analysis, time series data analysis and decision making tools, applications of the results in related areas. | 3(3-0-6) |
| 2952356 | Econometric Theory (Prerequisite: 2952355 INTRO ECONOMET) ECONOMET THEO Matrix algebraic approach to econometric methods; simultaneous equation models; identification problems; methods of simultaneous equation estimation; systems of regression equations; Seemingly Unrelated Regression Estimation and Generalized Least Squares; non-linear estimation for single and several parameters; models of qualitative choice; introduction to time series models, stationary and non-stationary stochastic process, co-integration and error correction models. | 3(3-0-6) |



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| 2952357 | Real Analysis for Economists (Prerequisite: 2952352 MATH ECON II) REAL ANA ECON Application of mathematical tools in modern economic theory on the following topics: logic and set theory; proofs and functions; the real number system; topology of real lines; sequence and series of real numbers; limits and continuity of real valued functions; differentiation; Riemann integration. | 3(3-0-6) |
| 2952358 | Advanced Mathematics for Economists ADV MATH ECON (Prerequisite: 2952352 MATH ECON II) Study and application of advanced mathematical tools and state-of-the-art techniques used in modern economic theory. | 3(3-0-6) |
| 2952363 | Principles of Investment and Security Analysis (Prerequisite: 2952361 CORP FIN ECON) PRIN INV/SEC ANAL Function of capital markets; concepts of efficient market hypothesis; portfolio theory and valuation theory applied to different securities in the market; alternative investments, derivative securities; basic principles of securities analysis. | 3(3-0-6) |
| 2952364 | Economics of Derivative Securities (Prerequisite: 2952301 MICRO THEO I) ECON DERI SEC Various forms and characteristics of financial derivatives; terminology used in the field; risk and return from the investment in these instruments; economic rationales for the existence of these sophisticated yet valuable financial products; applications of derivative instruments in risk management. | 3(3-0-6) |
| 2952366 | Economics of Good Governance ECON GD GOV Relationship between good governance and economic development and competitiveness; analyses of variables related to good governance viewed from various angles: the effectiveness of government policies and state apparatus, voice and people participation, anti-corruption, transparency, the rules of law, the working of the market system, conflicts of interests, and political stability. | 3(3-0-6) |
| 2952367 | Managing Human Capital in Global Economy MNG HUM GLOB Economic theory and principles used in human resource management and their effectiveness; special issues and case studies related to managing human capital in organizations by using strategic analysis for professional economists and corporate leaders. | 3(3-0-6) |
| 2952401 | Current Major Economic Issues (Prerequisite: 2952302 MACRO THEO I) CURR ECON ISSUES Current major economic issues including dynamics of global economic transition and current macroeconomic research. | 3(3-0-6) |
| 2952403 | Microeconomic Theory III (Prerequisite: 2952303 MICRO THEO II) MICRO THEO III Mathematical-oriented Microeconomics theories in the following topics: Consumer theory, production and cost theories, market structure and competition in various types of markets, theory of demand and supply of production factors, general equilibrium theory, welfare economics, market failure, game theory. | 3(3-0-6) |



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| 2952404 | Macroeconomic Theory III (Prerequisite: 2952304 MACRO THEO II) MACRO THEO III The Solow growth model, the Ramsey-Cass-Koopmans model; the overlapping-generations model; the endogenous growth models; real-business-cycle theory; the new Keynesian theories of economic fluctuations; analysis of market imperfections using advanced microeconomic foundations; theories of consumption; theories of investment; theories of unemployment; inflation; economic stabilization using monetary and fiscal policies. | 3(3-0-6) |
| 2952407 | Introduction to Game Theory (Prerequisite: 2952301 MICRO THEO I) INTRO GAME THEO Introduction to decision theory and game theory and their application to various economic situations under conditions of complete and incomplete information; contemporaneous topics relating to the role of government in regulation and regulated industries. | 3(3-0-6) |
| 2952408 | Experimental Research in Economics (Prerequisite: 2952303 MICRO THEO II) EXP RES ECON Economic behavior in a controlled environment; justification of theory of experimental economics and methodology; application of theories in setting up experiment and research in issue related to economics. | 3(3-0-6) |
| 2952411 | Special Topics in Macroeconomics (Prerequisite: 2952304 MACRO THEO II) SPEC TOP MACRO In-depth study of topics in Macroeconomics and its applications. | 3(3-0-6) |
| 2952412 | Special Topics in Microeconomics (Prerequisite: 2952303 MICRO THEO II) SP TOP MICROECON In-depth study of topics in microeconomics and its applications. | 3(3-0-6) |
| 2952413 | Special Topics in Economics I (Prerequisite: 2952101 PRIN ECON) SP TOP ECON I In-depth study of topics in Economics and its applications. | 3(3-0-6) |
| 2952414 | Special Topics in Economics II (Prerequisite: 2952101 PRIN ECON) SP TOP ECON II Various topics in Economics and its applications. | 3(3-0-6) |
| 2952415 | Special Topics in Economics III (Prerequisite: 2952101 PRIN ECON) SP TOP ECON III In-depth study of topics in Economics and its applications. | 2(2-0-4) |
| 2952416 | Special Topics in Economic Development (Prerequisite: 2952303 MICRO THEO II) SP TOP ECON DEV In-depth study of topics in economic development and its applications. | 3(3-0-6) |
| 2952417 | Special Topics in Economic IV (Prerequisite: 2952101 PRIN ECON) SP TOP ECON IV In-depth study of topics in Economics and its applications. | 2(2-0-4) |



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| 2952418 | Seminar in Economics of Conflicts and Resolution (Prerequisite: 2952301 MICRO THEO I) SEM ECON CONF RES Problems and case studies related to Economics of Conflicts and Resolution. | 3(3-0-6) |
| 2952421 | Advanced International Trade (Prerequisite: 2952321 ECON INTER TRAD) ADV INTER TRAD Advanced theoretical and empirical analysis in the area of international trade and related policy issues; causes and consequences of international trade; international trade theory under perfect competition; international trade theory under imperfect competition; the role of multinational corporations; a firm-level industrial organization approach to trade; dynamic trade; new economic geography; trade and environments; trade and labor markets; the interplay between trade and institutions. | 3(3-0-6) |
| 2952423 | Special Topics in International Economics (Prerequisite: 2952321 ECON INTER TRAD) SP TOP INT ECON In-depth study of topics in international economics and its applications. | 3(3-0-6) |
| 2952424 | Special Topics in International Finance (Prerequisite : 2952322 ECON INTER FIN) SP TOP INT FIN In-depth study of topics in International Finance and its application. | 3(3-0-6) |
| 2952431 | Special Topics in Public Economics (Prerequisite: 2952303 MICRO THEO II) SP TOP PUB ECON In-depth study of topics in public economics and its applications. | 3(3-0-6) |
| 2952443 | Advanced Monetary Economics (Prerequisite: 2952303 MICRO THEO II) ADV MON ECON Modern macroeconomics, extending and providing microeconomic foundation for some propositions about macro financial arrangement; special roles of money and money-like assets in a modern economy, the detailed structures and functioning of financial markets, current issues in new Neoclassic synthesis and new Keynesian economics. | 3(3-0-6) |
| 2952451 | Topics in Econometrics and Applied Econometrics (Prerequisite: 2952355 INTRO ECONOMET) TOP ECONOMET New areas of econometrics and its application to economic data; other interesting topics in applied econometrics. | 3(3-0-6) |
| 2952452 | Special Topics in Econometrics (Prerequisite: 2952355 INTRO ECONOMET) SP TOP ECONO In-depth study of topics in Econometrics and its application. | 3(3-0-6) |
| 2952453 | Linear Algebra for Economists (Prerequisite: 2952352 MATH ECON II) LIN ALG ECON Matrix algebra; simultaneous linear equations and elementary operations; determinants; vector spaces; inner product spaces; eigenvalues and eigenvectors; applications for economists. | 3(3-0-6) |



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| 2952454 | Micro Econometrics (Prerequisite: 2952355 INTRO ECONOMET) MICRO ECONO Development of econometrics which has been applied to empirical studies in economics at the present time, in particular, microeconomics, health economics, labor economics, environmental economics and industrial organization; other methods of econometric estimation: discrete dependent variable, selection problem, count data regression, duration analysis, panel data analysis, nonparametric models, and their applications. | 3(3-0-6) |
| 2952455 | Econometrics of Time Series (Prerequisite: 2952355 INTRO ECONOMET) ECONO TIME SER Time series; stochastic processes; autocovariance and autocorrelation function; stationary stochastic processes; autoregressive moving average processes; vector autoregressions; generalized autoregressive conditional heteroscedasticity; integrated processes; unit roots in economic time series; cointegration and error correction; vector error correction and estimation. | 3(3-0-6) |
| 2952456 | Advanced Econometric Theory (Prerequisite: 2952356 ECONOMET THEO) ADV ECONOMET THEO Matrix algebraic approach to econometric methods; advanced methods of statistical inference; maximum likelihood and quasi - maximum likelihood estimations; instrumental variables estimation; generalized method of moments; identification; non-parametric methods; the bootstrap; asymptotic distribution theory. | 3(3-0-6) |
| 2952457 | Econometrics (Prerequisite: 2952355 INTRO ECONOMET) ECONOMETRICS Econometric models for economic research and analysis on both time series data and micro data: single equation time series models, multiple equation time series models, discrete dependent variable models and panel data models. | 3(3-0-6) |
| 2952458 | Programming and Data Analytics for Economists (Prerequisites: 2952165 COMP APP ECON, 2952351 MATH ECON I and 2952355 INTRO ECONOMET) PROG DAT ANAL ECON Basic programming: conditional statement, loop, function, user interface, debugging, database; machine learning algorithms: cross validation, naive Bayes, KNN, decision tree, linear regression, stepwise method, lasso regression, ridge regression, principal component analysis, text classification and other related topics. | 3(3-0-6) |
| 2952459 | Data Visualization for Economists DATA VIS ECON The principles and techniques for data visualization with emphasis on economic data and models; the process to create and select appropriate visualizations for different data domains; the use of data visualization tools to create effective data visualization. | 3(3-0-6) |
| 2952461 | Special Topics in Managerial Economics SPEC TOP MGR ECON In-depth study of topics in Managerial Economics and its applications. | 3(3-0-6) |
| 2952462 | Special Topics in Managerial Economics II SPEC TOP MGR ECON II Various topics in Managerial Economics and their applications. | 3(3-0-6) |



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| 2952466 | Negotiations in the Global Economy NEGTN GLOB ECON Process of deal making; successful negotiation as it is practiced in a variety of international forums; specific issues related to global negotiations; application of theories and technical skills from other areas of economics in developing negotiation skills. | 3(3-0-6) |
| 2952467 | Special Topics in Financial Institutions (Prerequisite: 2952341 ECON MONEY FIN MKT) SP TOP FIN INST In-depth study of topics in financial institutions and its applications. | 3(3-0-6) |
| 2952468 | Special Topics in Financial Instruments (Prerequisite: 2952361 CORP FIN ECON) SP TOP FIN INSTR In-depth study of topics in financial instruments and its applications. | 3(3-0-6) |
| 2952472 | Financial Econometrics (Prerequisite: 2952355 INTRO ECONOMET) FIN ECONO Econometric methods applied to financial markets including bond markets, derivative markets, and recent issues in financial econometrics; model selection and various analytical methods using time series and high frequency data; various models : maximum likelihood, generalized methods of moments, stochastic process, VARMA models, GARCH models, and Markov switching models. | 3(3-0-6) |
| 2952474 | Advanced Corporate Finance for Economists (Prerequisite: 2952361 CORP FIN ECON) ADV CORP FIN ECON Advanced corporate finance for economists; corporate decision making through the business cycle and life cycle; corporate restructuring, merger and acquisition, and other types of corporate reforms; financial products contributing to business restructuring, and case studies. | 3(3-0-6) |
| 2952475 | Special Topics in Financial Economics (Prerequisite: 2952303 MICRO THEO II) SP TOP FIN ECON In-depth study of topics in Financial Economics and its application. | 3(3-0-6) |
| 2952480 | Special Topics in Microeconomics (Prerequisite: 2952303 MICRO THEO II) SP TOP MICROECON In-depth study of topics in Microeconomics and its applications. | 2(2-0-4) |
| 2952481 | Special Topics in Macroeconomics (Prerequisite: 2952304 MACRO THEO II) SP TOP MACROECON In-depth study of topics in Macroeconomics and its applications. | 2(2-0-4) |
| 2952482 | Special Topics in Econometrics (Prerequisite: 2952355 Introduction to Econometrics) SP TOP ECONO In-depth study of topics in Econometrics and its applications. | 2(2-0-4) |
| 2952483 | Special Topics in Econometrics Theory (Prerequisite: 2952355 Introduction to Econometrics) SP TOP ECONO THEO In-depth study of topics in Econometrics Theory and its applications. | 2(2-0-4) |



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| 2952484 | Special Topics in Advanced Econometrics Theory (Prerequisite: 2952355 Introduction to Econometrics) SP TOP ADV ECONO In-depth study of topics in Advanced Econometrics Theory and its applications. | 2(2-0-4) |
| 2952485 | Special Topics in Managerial Economics SP TOP MGR ECON In-depth study of topics in Managerial Economics and its applications. | 2(2-0-4) |
| 2952486 | Special Topics in Economic Development (Prerequisite: 2952303 MICRO THEO II) SP TOP ECON DEV In-depth study of topics in Economic Development and its applications. | 2(2-0-4) |
| 2952487 | Special Topics in Financial Economics (Prerequisite: 2952303 MICRO THEO II) SP TOP FIN ECON In-depth study of topics in Financial Economics and its applications. | 2(2-0-4) |
| 2952488 | Special Topics in Public Economics (Prerequisite: 2952303 MICRO THEO II) SP TOP PUB ECON In-depth study of topics in Public Economics and its applications. | 2(2-0-4) |
| 2952489 | Special Topics in History of Economic Thought (Prerequisite: 2952301 PRIN ECON) SP TOP HIS ECON In-depth study of topics in History of Economic Thought and its applications. | 2(2-0-4) |
| 2952490 | Special Topics in Behavioral Economics SP TOP BEHAV ECON In-depth study of topics in Behavioral Economics and their applications. | 2(2-0-4) |
| 2952491 | Special Topics in International Finance SP TOP INT FIN In-depth study of topics in International Finance and their applications. | 2(2-0-4) |
| 2952492 | Special Topics in Natural Resources and Environmental Economics SP TOP NAT RES ENV In-depth study of topics in Natural Resources and Environmental Economics and their applications. | 2(2-0-4) |
| 2952493 | Special Topics in Programming and Data Analytics for Economists SP TOP PROG DATA In-depth study of topics in Programming and Data Analytics for Economists and their applications. | 2(2-0-4) |
| 3401250 | Business Law BUSINESS LAW Meaning, sources, categories and applicability of law; the relationship between law and business; sources of business law; introduction to investment law; introduction to contracts; significant business contracts; types of business organization; laws on the management of business organization, business finance and marketing; dispute settlement in business. | 2(2-0-4) |

Free Electives

In addition to courses offered by the EBA, students can choose courses offered by Bachelor of Economics (Thai program) taught in English, international master's programs under the Faculty of Economics, or other international programs or foreign languages with the approval of the EBA Board and the Faculty Academic Affairs Board.

EBA Study Abroad courses also count as free electives, which is relevant for students who study a semester abroad and wish to transfer credits earned abroad back to the EBA, with at least one of the courses taken abroad being equivalent to an EBA Study Abroad course. The course equivalency database is available on the EBA website.

Remark: Students must take 5509111 Essential English for Economics I (non credits).