

## Training Program of Bachelor of Science – Agricultural Economics

No	Code	Subject	Main focus	Total credits	Theory	Practice	Home-works	Assignment	Prereq	Required	Elective
University studies requirements				73						69	4
1	ML01001	Principle of Marxism and Leninism 1	Overview of philosophy and its history; principles and fundamental laws of dialectical materialism and historical materialism of the Marxism and Leninism.	2	2	0				x	
2	ML01002	Principle of Marxism and Leninism 2	The economic law of market economy: growth, economic development; commodity, value, price; The law of value, competition, supply and demand, monetary circulation; The socioeconomic laws, the morphological socioeconomic development ; historical mission of working class, socialist revolutionary, state, socialism and democracy, working class union, ethnicity, religion, family, human being in the construction process of socialism.	3	3	0			ML01001	x	

3	ML01004	Revolutionary guideline of Vietnamese C P	The foundation of the Vietnamese Communist Party (VCP); People's Party leaders struggle to seize power; resistance against French colonialism, American imperialism; Building and defending the socialist regime; guidance, economic policies of VCP in the process of renovation and international integration; lessons learnt of the leadership of the VCP.	3	3	0					x	
4	ML01005	Ho Chi Minh Ideology	Origin of the formation and development Ho Chi Minh ideology; Ho Chi Minh ideology on such issues as nationalism and national liberation revolution, socialism and the transition to socialism in Vietnam, ethnic solidarity, national strength combined with era power, Vietnamese Communist Party, the construction of state of the people, by the people and for the people, ethics, humanity, and culture; Ho Chi Minh ideology in the current renovation.	2	2	0					x	
5	SNE01004	English Speaking and Listening 1	Pronunciation lessons - 44 English sounds including vowels and consonants; Leisure and; Important firsts; At rest, at work; Special occasions; Appreances, Time off	6	5	1					x	

6	SNE01007	English Speaking and Listening 2	Let's get started; today's topic is; My next slide shows; as you can see from this graph; To sum up; Any questions	4	4	0				x	
7	SNE01005	English Reading 1	Supermarket Marketing; Memory; Greenland; Olympic Games; Jeans; Navajo Sand Painting; Braille; English, The International Language; Captain Cook; Halley's Comet; No smoking; Coffee; Macao; Satelites; The Greenhouse Effect; Cave Paintings; El Nino; Time; UNICEF; Chocolate; Pottery making; Paper; Silve; Australian Aborigines; Robots	6	6	0				x	
8	SNE01008	English Reading 2	Health; Role Reversal; Entertainment; Crime; Sport; Science; Intelligence; Viewpoint; Relationship; Wise Words; Luck; Art	4	4	0				x	
9	SNE01006	English Writing 1	English grammar structures	6	6	0				x	
10	SNE01009	English Writing 2	Academic Writing	4	4	0				x	
11	KTE03013	English for Agricultural Economics	Vocabulary and indioms; Academic reading; Academic speaking and listening; Academic writing related to agricultural economic majors	4	4	0				x	

12	THE01012	Elementary Calculus and its Application	Introduction; Some basic mathematic concepts; Functions.; Application of linear and nonlinear functions sfor business and economics; Differential calculus; Uses of the derivative; Integral calculus & its application; Calculus of multivariable function; Ordinary differential equations and its application.	3	3	0					x	
13	KTE01006	Applied Informatics in Economics	General introduction of softwares applied in economics and management as Excel and SPSS; method of research data management; data processing methods using different tools, and data analysis in the field of socio-economics	2	1	1					x	
14	KTE01005	Public Speaking	A course designed to give the student platform experience in the fundamentals of effective speaking. Fundamental issues of public speaking; Main public speaking types; Preparation for a public speaking; Main steps of a public presentation; Practice a public presentation; Major skills of public speaking	2	2	0					x	

15	KTE01000	Geographical Economics	Overview of Geographical Economics; Fundamentals of territorial organization; Natural resources; Human resources; Territorial organization of Agriculture – Forestry – Fishery; Territorial organization of Industry; Territorial organization of Service; Territorial organization of Economic Zones in Vietnam	2	2	0				x	
16	THE02002	Probability and Statistics	To provide students with basic k	3	3	0		THE01012		x	
17	KTE01008	Decision Making and Leadership Skills	Introduction to the course content. Concepts of leadership, leadership capacity and behaviors of leader; Nature of leadership and efficient behaviors of leader; Leadership capacity and gender; Virtue and skills of leader; Situations in leadership behavior; Leadership models.	2	2	0				x	
18	MLE03027	Economic Law	The content of the modules including the provisions of the law on the subject of Economic Law as investors, businesses, cooperatives, and legal regulations of the investment environment, as business investment law private, commercial law, competition law, the law on resolution of economic dispute	3	3	0				x	

19	SNE01016	Introduction to Psychology	Understanding of the role of mental functions in individual and social behavior; Concepts such as perception, cognition, attention, emotion, motivation, brain functioning, personality, behavior	2	2	0					x	
20	KTE01003	Teamwork skills	The main purpose of this course is to help students become a better communicator in the context of a small group; give both a broad understanding of group communication processes and practical advice to help student become a more effective small group participant. The course will primarily deal with task-oriented small groups or groups with a specific objective to achieve, information to share, a problem to solve, or a decision to make	2	2	0					x	
21	NHE01006	Plant, Soils and People: a Global Perspective	Basics on plant and techniques to improve the efficiency of production; relationship between climatic factors and plant; land and tillage techniques; fertilizer and fertilizer application techniques; cropping systems and crop rotation; pest and prevention measures.	2	2	0					x	

22	CNE01007	Application of Animal Science	Providing an introduction to the subject of animal science. Emphasis is placed on the application of scientific disciplines of anatomy, physiology, nutrition, reproduction, genetics and behavior in the management of domestic animals	2	2	0					x	
23	CDE0004	Farm Tractors and Engines	Land preparation machines: Soil-plows, Harrows, Mills, Drills, planting, transplanting; Care machines: fertilizer, plows; Plant protection machines; Harvesting and processing machines	2	2	0						x
24	CPE01010	Post harvest and Food Technology science	The post harvest loss of agricult	2	2	0						x

25	TME01008	Environmental Ecology	The general concept of ecology, ecological principles; Populations, communities and ecosystems; Basics of Environmental and Resources: Classification of natural resources and the principles of sustainable exploitation on natural resources, Nature protection strategies and global Vietnam; Situation exploitation of natural resources: Biological resources, forest resources, land resources, water resources, oceans, atmospheric resources and mineral resources and energy	2	2	0					x
26	TME01009	Natural Resource and Environmental Science	An introductory course in management of natural resources as supported by environmental science at an ecosystem level. Students will write a range of paper about natural resource issues. An overnight field trip I required	2	2	0					x
Pre Major requirements				32						30	2
27	KTE02001	Microeconomics I	Opportunity cost and comparative advantages; Demand and supply; Elasticity; Perfectly Competitive Supply; Monopoly, Oligopoly, and Monopolistic Competition; Public goods and Tax Policy	3	3	0					x



28	KTE02002	Macroeconomics I	Basic knowledge of economics; Introduction to macroeconomics; GDP and GNP; Aggregate Demand and Fiscal policy; Money and Monetary policy; Aggregate Supply and Business cycle; Unemployment and Inflation	3	3	0				x	
29	KTE02006	Statistical Method	Introduction; Sampling and collection of data; Presentation of data; Measures of central value; Measures of variability or dispersion; Linear correlation and regression; Index numbers.	3	3	0			Probability and Statistics	x	
30	KTE02008	Economic and Business Statistics	Introduction, study object, method and task of statistics for agricultural economics; Production and key indicators of statistics for agricultural economics; Statistics of elements of agricultural production; Statistics of crops production; Statistics of livestock; Statistics of other industries in agriculture; Statistics of performance results and efficiency in agriculture	3	3	0			Statistical Method	x	

31	KTE02011	Mathematical Economics	Introduction about mathematical economic model; Static Analysis, Comparative-Static Analysis (Apply derivatives and differentials in Economics Analysis); Optimizing problems; Linear Programming; Transportation Model	3	3	0			Microeconomics I	x	
32	KTE02007	Applied Econometrics	Introduction; Review of Statistics; Simple regression; Multiple regression; Applied functional forms; Empirical problems of Econometrics Models; Qualitative Independent variables	3	3	0			Microeconomics I	x	
33	KTE02005	Principles of Agricultural Economics	A comprehensive study of economic principles and management tools in farm and agribusiness decision making. Utilizes a system approach to the planning, implementation and control of the agricultural business. Specific attention to application of management and decision theory, economic principles used in decision making, and risk management strategies. Emphasis on planning the future course of the business, acquiring and managing the necessary resources, and establishing physical and financial control over the business	3	3	0			Microeconomics I	x	

34	KTE03028	Economic Development	Economic growth and development, sustainable development; Economics development theories; National resources and development; Social, economic, and environment problems in development process; International economic relationship and development; Economics Development planning and management	3	3	0			Microeconomics I	x	
35	KQE02303	Fundamentals of Monetary and Finance	Introduction to finance and monetary; Financial system and market; Time value of money and interest rate; Monetary demand – supply and inflation; State banks and monetary policy.	3	3	0			Macroeconomics I	x	

36	KQE03014	Principles of Accounting	We begin with an introduction to business and accounting, after which we demonstrate how a typical accounting system works, the way accounting transactions are recorded, the difference between cash-basis accounting and accrual-basis accounting, the need for and the structure of adjusting entries/closing entries, how inventories are accounted for, and the preparation and analysis of financial statements of companies. We then move to specific topics related to components of financial statements, including cash and internal controls, accounts and notes receivable, plant and intangible assets, liabilities, and stockholders' equity. Then cash flow analysis and financial analysis are covered, including ratio analysis, vertical analysis, and horizontal analysis	3	3	0				x	
37	KTE03005	International Trade	This course aims to provide students with a sound knowledge of international trade theories and policy. It focuses on the application of these theories to analyze trade issues that have arisen in Vietnam, the Asia-Pacific region and the world at large.	2	2	0			Macroeconomics I		x

38	KTE03040	Production Economics	Basic concepts of production economics and production functions; Production analysis, Frontier functions; production cost analysis in a short- and long-term, Profit analysis and decision-making in uncertainty contexts and conditions; The good practical examples from production, especially agricultural production system are also discussed in accordance with different economic principles and theories to help students gain both theoretical and practical knowledge which is crucial for the application of these knowledge and skills in a real world.	2	2	0			Applied Econometrics		x
39	KTE03041	Econ growth and development in Southeast Asia	Introduction to the SEA; The SEA Natural Resources and Environment for Development; Human, Social and Cultural Development in SEA, Infrastructure and Transportation for Development in SEA; Economic Development in SEA; The ASEAN.	2	2	0			Microeconomics I		x

40	KTE03015	Agricultural Extension Methods	Fundamental issues of agricultural extension; Basic knowledge of agricultural extension method; Understanding and skill of major agricultural extension methods such as individual-based methods, group-focus methods and mass-media methods	3	3	0						x
<b>Major requirements</b>				<b>44</b>							<b>40</b>	<b>4</b>
41	KTE03001	Microeconomics II	Input market; Analyzing influential factors on market equilibrium and market response; Choice and decision making in conditions of risk and uncertainty; Pareto efficiency, market failures and government intervention.	2	2	0				Microeconomics I		x
42	KTE03006	Natural Resource and Environmental Economics	Basic issues in the environmental and natural resources economics; Environment and Development; Economics of Pollution; Economics of Renewable Resources and Non-Renewable Resources; Environmental Valuation.	3	3	0				Microeconomics I		x

43	KTE03020	Agricultural and Food Policy	This course surveys a variety of current public policies that influence the agricultural and rural economies. Students are exposed to conflicting views of those concerned with food and agricultural issues in an international economy. Economic principles are used to evaluate alternatives in terms of general welfare of society.	3	2,5	0,5				Microeconomics I	x	
44	KTE03009	Public Economics	The Public Economics provides undergraduate students the knowledge on The Public Sector in a Mixed Economy; Fundamentals of Welfare Economics; Welfare economics theory; Public expenditure theory; Expenditure programs; and Taxation theory.	2	2	0				Microeconomics I	x	
45	KQE03108	Food and Agricultural Marketing Principles	Introduction to food and agricultural marketing; Analyzing agricultural and food markets; Agricultural production and marketing; Food consumption and marketing; Food processing and manufacturing; Food wholesaling and retailing; Price analysis ; Farm and food prices; Food marketing costs; Commodity marketing.	3	2,5	0,5				Microeconomics I	x	

46	KTE02012	Econ Analysis of Agricultural Markets	Introduction to analyzing markets; Supply and Demand in markets; Supply and Demand Elasticities; Regression and Forecasts; Production and Cost functions; Value chain analysis.	3	2,5	0,5				Microeconomics I	x	
47	KTE02009	Research Methods in Economics	Research methodology for science; Organization of a research; Research progress: collecting data, analyzing and interpreting data, and reporting and disseminating research results; Basic methods used in agricultural economics; Research proposals; Approach in carrying out graduation thesis.	2	2	0					x	
48	KTE03031	Project Management	Introduction on project and project management; Project design (preparation) management; Project implementation management; Project evaluation Management.	3	3	0				Microeconomics I	x	
49	KTE03010	Human Resource Economics	Introduction; Labour Markets; Human Resource Development; Labour Productivity; Remuneration; Some Social Issues for workers.	2	2	0				Microeconomics I	x	



50	KTE03014	Farm Households Economics	Introduction to farm household economics; Neo-classical theory in farm household economics; Political theories of farm household economics; Contents of research in farm household economics; Theory of economic – social farm household's behaviors; Evaluation of farm household economy.	2	2	0				Microeconomics I	x	
51	KTE03025	Development Strategies and Planning	The concept, role and characteristics of development strategies and planning; Content of development strategies and planning (analysis of sectoral, regional, national, vision, goals, solutions, implementation); Sequence development strategies and planning; Organization and implementation of development strategies and planning; Monitoring and evaluation development strategies and planning.	2	2	0					x	

52	KTE03027	Rural Development	Subjects, duties and study methods of the course; Basic theories and concepts of rural development; Rural economic development; Development of infrastructure, social services and environment in rural areas; Roles of state and organizations in rural development; Organizing a research of rural development; Some approaches and methods of rural development.	2	2	0					x	
53	KTE03045	Internship	Internship	2	0	2					x	
54	KTE04991	Bachelor Thesis of Agricultural Economics	Students are allowed to conduct	9	0	9					x	
55	KQE03007	Financial accounting	This subject covers further topics in financial accounting. It builds upon the knowledge gained from Accounting Principle. The topics include accounting for branches, clubs/associations and non-profit organizations, as well as partnerships. It considers how to deal with entities that may use single entry systems or has incomplete records. This subject also covers topics related to issues of shares/debentures/ funds & reserves for public limited company and analysis of financial statements.	2	2	0						x

56	KQE03111	Agribusiness Management	<p>Introduces the fundamentals of agribusiness management. A focus is business management concepts such as principles and methods of business management and its application on agriculture. Otherwise, topics also include strategic and human resource management, assets, liabilities and equity management and financial results management. Students will learn through the real interesting case studies in Vietnam and the world. After the course, students will be equipped with understanding in order to manage and control related-agribusiness issues.</p>	2	2	0						x
57	KTE03017	Rural Economy	<p>The course develops the capacity to employ the theories, practices and philosophies of economic development as applied to rural areas. The primary geographic focus of the course is rural area.</p>	3	3	0						x

58	KTE03016	Organizing Agricultural Extension	Fundamental issues of organizing agricultural extension; Organizing system of agricultural extension; Organizing resources for agricultural extension; Agricultural extension planning; Farmer's participation in agricultural extension; Evaluation of agricultural extension.	3	3	0						x
59	KTE03030	Organizational Behavior	This course emphasise on "What to do to be an effective manager" and How to develop the right mix of skills that are needed to support the implementation of these behavioral strategies.	2	2	0						x
<b>Support</b>				<b>4</b>						<b>2</b>	<b>2</b>	
60	KQE03001	Cooperatives and Small Business management	This course provides knowledge about the unique features of cooperative and small business; their role in a market economy; and examines the structure organization, finance, management, and operation of cooperative organizations.	2	2	0						x
61	KQE03305	Agricultural Financial Management	Introduction to Agricultural Financial Management; Financial Analysis, Planning, and Control; Capital Structure, Liquidity, and Risk Management; Capital Budgeting and Long-Term Decision Making; Financial Market for Agriculture; Other topics.	2	2	0						x

62	KTE03004	Trade and Development	Introduction to Globalization and Growth; Human capital and growth, technological change and growth; Introduction to trade, comparative advantage, and Ricardian model of trade; Heckscher – Ohlin comparative advantage trade model and implications; Impacts of trade on investment, technology, and human capital; Foreign direct investment and growth in developing countries; Specific factors model and implications for structure and factor returns; Factor returns and political economy of specific factors model, Dutch disease model.	2	2	0			Microeconomics I		x
63	KTE03003	Regional Economics	Introduction; Location of the individual producers; System of cities; Measurement of regional economic activity; Regional economic growth; The impact of growth on regional structure and policies.	2	2	0			Microeconomics I		x
<b>Total</b>				<b>153</b>					<b>141</b>		<b>12</b>