



VIETNAM NATIONAL UNIVERSITY OF AGRICULTURE
FACULTY OF ECONOMICS AND RURAL DEVELOPMENT



PROGRAM SPECIFICATION

BACHELOR OF AGRICULTURAL ECONOMICS

HANOI, 2022

PROGRAM SPECIFICATION

Program title: Agricultural Economics

Program code: 7620115

Type of program: Full-time

Program duration: 4 years

Total required credits: 131 (119 Compulsory, 90.8% + 12 Elective, 9.2%)

Degree name: Bachelor of Agricultural Economics

Awarding Institution: Vietnam National University of Agriculture

1. PROGRAM EDUCATIONAL OBJECTIVES AND LEARNING OUTCOMES

1.1. Program educational objectives (PEO)

General objectives of program:

The general objective of the Bachelor of Agricultural Economics program is to have good moral and good health; to have a solid professional qualification in agricultural economics, can use English fluently, and to meet the demand for high-quality human resources for sustainable socio-economic development.

Specific objectives of program:

For the first few years after graduation, graduates can:

PEO1: Solve practical problems in the agricultural and rural economy sectors creatively, and help farmers respond to the rapid changes of the agricultural economy in the context of climate changes and global integration.

PEO2: Pursue lifelong learning and researching to develop their careers, and become an agricultural economic manager with creative thinking, high adaptability and innovation capacity.

PEO3: Preserve professional ethics, enthusiasm, dynamism, inspiration and actively integrate Vietnam's agriculture with the world.

1.2. Program learning outcomes (PLOs)

Program learning outcomes At the end of the study program, graduates are able to:	Program performance criteria (PPCs)
General knowledge	
PLO1. Apply knowledge of math, natural sciences, social sciences and understanding of contemporary issues to the agricultural economics field.	1.1. Apply mathematical knowledge to the mathematization of situations, choose the right and correctly implement the calculation methods to solve situations in agricultural economics. 1.2. Apply knowledge of natural and environmental sciences to analyze factors affecting the sustainable development of agricultural economy. 1.3. Apply knowledge of social sciences (cultural, political, economic) to analyze factors affecting sustainable development of agricultural economy. 1.4. Apply understanding of contemporary issues (laws, policies) to analyze factors affecting sustainable development of agricultural economy.
Professional Knowledge	
PLO2. Evaluate solutions for agricultural economic development based on requirements for sustainable development and harmonization of interests of stakeholders.	2.1. Evaluate the influence of micro and macroeconomic factors on issues in the field of agriculture and rural development. 2.2. Evaluate the situation and reality of agricultural production based on the application of knowledge of statistics and economic accounting. 2.3. Analyze agricultural economic development trends and evaluate the factors affecting each of these development trends. 2.4. Evaluate the effectiveness of production and business models and activities of rural economic development.
PLO3. Develop strategies for sustainable agribusiness development in the context of globalization.	3.1. Develop a process, select and apply a set of analytical tools (SWOT, PESTLE) to serve the development of sustainable agricultural production and business development strategies in the context of globalization. 3.2. Develop visions and strategic goals for sustainable agricultural production and business development in the context of globalization.

	<p>3.3. Develop strategies and implementation plans for sustainable agricultural production and business development in the context of globalization.</p> <p>3.4. Develop methods and plans to evaluate strategies for agricultural production and business development, natural resource and environmental management for sustainable rural development in the context of globalization.</p>
Generic skills	
PLO4. Apply critical thinking, creative thinking in solving problems of the agricultural economics	<p>4.1. Apply proficiently critical thinking in analyzing and evaluating information.</p> <p>4.2. Apply proficiently critical thinking in analyzing and evaluating arguments.</p> <p>4.3. Apply proficiently problem-solving skills including: (i) identifying problems, (ii) knowing when and how to gather information, (iii) evaluating and selecting information needed for problem-solving.</p> <p>4.4. Apply proficiently creative thinking in solving problems towards ensuring the interests of stakeholders and sustainable development.</p>
PLO5. Collaborate effectively as a team member or leader, create a collaborative and inclusive environment, and create and implement work plans that meet goals.	<p>5.1. Coordinate skills of planning and time management effectively during teamwork.</p> <p>5.2. Coordinate skills to build and develop internal relationships competently, including: (i) establishing and controlling the connection in the group, (ii) resolving conflicts and external relations in the working process of the group.</p> <p>5.3. Combine skills of individual and team performance appraisal and continuous improvement masterfully</p>
PLO6. Communicate effectively with multimedia, multiculturalism with academic and social stakeholders, employing negotiation skills in professional situations; proficient use of IT; achieve B1 English proficiency as prescribed by the Ministry of Education and Training.	<p>6.1. Use context-appropriate language: academic and social communication.</p> <p>6.2. Apply the elements of communication proficiently, especially negotiation: feelings, emotions, and values to achieve effective communication.</p> <p>6.3. Behave appropriately with stakeholders in a diverse, multicultural environment.</p> <p>6.4. Use information technology competently.</p> <p>6.5. Have English skills meeting B1 level.</p>

Professional Skills	
<p>PLO7. Research successfully issues in the agricultural economics of economic organizations and state management at all levels.</p>	<p>7.1. Research the actual situation and literature reviews to accurately identify the research problem, objectives, contents, and scope.</p> <p>7.2. Implement research proposal by research methods, using data sources, tools, models, and software for socio-economic analysis in the field of agricultural and rural economy appropriately.</p> <p>7.3. Propose appropriate conclusions and feasible solutions based on scientific arguments, research results and practical surveys.</p>
<p>PLO8. Implement Effectively the community education programs on policies, solutions for socio-economic development, science and technology in the agricultural and rural areas.</p>	<p>8.1. Implement orientations and policies for agricultural and rural development in accordance with the practical context.</p> <p>8.2. Implement action plans and programs in the field of agriculture and rural development</p> <p>8.3. Implement projects and solutions for socio-economic development in agriculture and rural areas to meet the set goals.</p> <p>8.4. Effectively implement community education programs on agriculture and rural development.</p>
Ethics and Attitude	
<p>PLO9. Demonstrate professional ethics, responsibility for sustainable agricultural economic development.</p>	<p>9.1. Maintain professional ethics for sustainable agricultural economic development.</p> <p>9.2. Inspire the community and show responsibility for developing sustainable agriculture.</p>
<p>PLO10. Demonstrate the lifelong learning pursuit and the spirit of innovation.</p>	<p>10.1. Identify limitations concerning the knowledge and competencies required for a bachelor of agricultural economics.</p> <p>10.2. Be willing to learn when there are opportunities to improve knowledge and capacity.</p> <p>10.3. Be open to different and creative ideas.</p>

2. CAREER PROSPECTS

Bachelors of Agricultural Economics can work in the position and work places as bellows:

- ***Position:***

- Being managers, civil servants, and public employees in state management agencies on economy, agricultural and rural economy, economy and management of natural resources and environment from central to local level or economic related;

- Researchers, lecturers in the fields of economics, economics and management of environmental resources, agricultural and rural economics in universities, colleges, professional secondary schools, research and training organizations related to economy and agriculture.

- ***Work places:***

- Agencies planning, managing, directing, and implementing agricultural and rural policies.

- Officials in enterprises, farms, processing units, marketing, cooperatives, financial institutions, and banks.

- Working in agricultural and rural NGOs, economic consulting firms, professional social organizations, rural development programs and projects, community, financial management, and environmental resources.

- ***Post-graduate study opportunities***

The bachelors graduating from the Agricultural Economics program can continue to study and research further at master and doctoral levels in Agricultural economics and other related fields such as Economics, Economic management, Development economics, and Rural development, Business administration, State management in Vietnam and abroad.

3. ADMISSION TO THE PROGRAM

Applicants must satisfy the University's general and specific requirements for admission to the program:

- * ***Vietnamese students***

People who graduated from high school can be recruited through 3 methods: (1) Direct entrance/admission to the university; (2) Based on high school academic results; (3) Based on the results of the national high school graduation exam organized by the Ministry of Education and Training

(Note: Enrollment methods are reviewed and may change from year to year)

- * ***International students***

International students who graduated from high school and submit academic transcripts and a motivation letter to the International Cooperation Office. The International Cooperation Office will be responsible to contact with Office of Education Management and relevant faculties for approval.

4. EDUCATIONAL PHILOSOPHY, TEACHING AND LEARNING STRATEGIES

- * ***Educational Philosophy***

The educational philosophy of the program is Learning by doing.

- * ***Teaching and learning strategy***

The teaching and learning approach is creative experiential and responsible learning.

The educational philosophy is based on constructivism. The faculty implements this philosophy with the experiential learning model. (1) Accordingly, students are provided with opportunities to solve practical problems by applying the learned knowledge and experiences; (2) After that, students are instructed to analyze and learn from experience to solve problems based on new knowledge and experience. Students gain new knowledge and experience through lectures and blended learning, practical exercises, internships, and projects.

5. ASSESSMENT METHODS

Student assessment needs to be consistent with expected learning outcomes of the program. Assessment methods include formative evaluation, midterm test, and summative assessment. In the last semester (8th semester), every student has to take a graduation thesis. The final thesis is graded by a supervisor, a reviewer, and a committee.

6. REGULATION OF ASSESSMENT AND ACADEMIC STANDARDS

Grading system: 4

Summary of grade and mark classification

No.	10-point scale GPA	4-point scale GPA		Pass/Fail	Classification
		Grade	Score		
1	8.5 – 10	A	4.0	Pass	Outstanding
2	8.0 – 8.4	B+	3.5	Pass	Excellent
3	7.0 – 7.9	B	3.0	Pass	Good
4	6.5 – 6.9	C+	2.5	Pass	Good
5	5.5 – 6.4	C	2.0	Pass	Pass
6	5.0 – 5.4	D+	1.5	Pass	Pass
7	4.0 – 4.9	D	1.0	Conditional Pass	Conditional Pass
8	< 4.0	F	0	Fail	Fail

Summary of Degree classification

No	Cumulative Point Average	Degree classification
1	3.60 – 4.00	Outstanding
2	3.20 – 3.59	Excellent
3	2.50 – 3.19	Good
4	2.00 – 2.49	Pass
5	<2.00	Fail

Training process:

The program is organized in 8 semesters, 2 semesters/year. The maximum time for studying is 6 years.

Students accumulating 131 credits, of which 41 credits for general knowledge, 20 credits for fundamental knowledge and 70 credits for specialized knowledge (119 compulsory credits,

12 elective credits). Students are also required to complete 3 credits for physical training, 11 credits for Citizen Military training, 6 credits for soft skill training and 4 credits for computer skills.

Award requirements:

Students are eligible to graduate program only when completing all 131 credits of the program, having accumulative point average above 2.0 and minimum English score of 5.0 or equivalent, achieving physical and Citizen Military Training and soft skill certificates, having paid all tuition fees, completing students' obligations and submitting forms to Office of Education Management of the University for graduation.

7. CURRICULUM STRUCTURE & CONTENT

Curriculum structure

<p>GENERAL (23 Credits)</p> <p>POLITICS (11 Cr)</p> <ol style="list-style-type: none"> 1. Philosophy of Marxism and Leninism (3) 2. Political Economics of Marxism and Leninism (2) 3. Ho Chi Minh Ideology (2) 4. Socialism (2) 5. The history of Vietnamese Communist Party (2) <p>LAWS (4 Cr)</p> <ol style="list-style-type: none"> 1. Introduction to Laws (2) 2. Economic Law (2) <p>MATHEMATICS (4 Cr)</p> <ol style="list-style-type: none"> 1. Basic Mathematics for Economists 1 (2) 2. Basic Mathematics for Economists 2 (2) <p>AGRICULTURAL TECHNIQUES (4 Cr)</p> <ol style="list-style-type: none"> 1. Basic of Crop Production (2) 2. Introductory Animal Production (2) 	<p>FUNDAMENTAL (30 Credits)</p> <p>ECONOMICS (13 Cr)</p> <ol style="list-style-type: none"> 1. Microeconomics I (3) 2. Macroeconomics I (3) 3. Microeconomics II (2) 4. Macroeconomics II (2) 5. Mathematical Economics (3) <p>ACCOUNTING (3 Cr)</p> <ol style="list-style-type: none"> 1. Principles of Accounting (3) <p>STATISTICS AND AGRICULTURAL ECONOMICS (8 Cr)</p> <ol style="list-style-type: none"> 1. Principles of Agricultural Economics (3) 2. Principles of Economic Statistics (3) 3. Applied Statistics for Agriculture (2) <p>SOCIAL ECONOMICS AND AGRICULTURAL (6 Cr)</p> <ol style="list-style-type: none"> 1. Principle of Community Development (2) 2. Geographical Economics (2) 3. Basic Econometrics (2) 	<p>SPECIALIZED (41 Credits)</p> <p>ECONOMICS (12 Cr)</p> <ol style="list-style-type: none"> 1. Basic Public Economics (2) 2. Natural Resource Economics (2) 3. Environmental Economics (2) 4. Economics Of Trade And Services (2) 5. Human Resource Economics (2) 6. Farm Households Economics (2) <p>TRADE AND MARKET (4)</p> <ol style="list-style-type: none"> 1. Agricultural Product Value Chain (2) 2. Marketing of Agricultural Products (2) <p>FINANCE – ACCOUNTING (2)</p> <ol style="list-style-type: none"> 1. Agricultural Finance (2) <p>POLICY – MANAGEMENT (10)</p> <ol style="list-style-type: none"> 1. Agricultural Policies (3) 2. Project Management (3) 3. Development Strategies and Planning (2) 4. Research Methods in Economics (2) <p>AGRICULTURE - RURALITY (5)</p> <ol style="list-style-type: none"> 1. Principles of Rural Development (2) 2. Agricultural Extension Methods (3) <p>ELECTIVE - 08 CREDITS:</p> <p>ECONOMICS (14)</p> <ol style="list-style-type: none"> 1. Production Economics (2) 2. Investment Economics (2) 3. Development Economics (3) 4. Rural Economy (3) 5. Labor Economics and Management (2) 6. Regional Economics (2) <p>TRADE AND MARKET (9)</p> <ol style="list-style-type: none"> 1. International Trade (2) 2. Introduction of Development in Southeast Asia (2) 3. Trade and Development (2) 4. Economic Analysis of Agricultural Markets (3) <p>FINANCE – ACCOUNTING (4)</p> <ol style="list-style-type: none"> 1. Public Finance (2) 2. Financial accounting (2) <p>POLICY – MANAGEMENT (10)</p> <ol style="list-style-type: none"> 1. Agribusiness Management (2) 2. Organizational Behavior (2) 3. Cooperatives and Small Business management (2) 4. Agricultural Financial Management (2) 5. Risk Management in Agriculture (2) <p>AGRICULTURE - RURALITY (4)</p> <ol style="list-style-type: none"> 1. Gender in Rural Development (2) 2. Basic Organizing Agricultural Extension (2) 	<p>BACHELOR OF AGRICULTURAL ECONOMICS (131 Credits)</p> <p>Graduation thesis</p> <ol style="list-style-type: none"> 1. Graduation Thesis of Agricultural Economics (9) <p>CONDITIONAL (non-credit)</p> <ol style="list-style-type: none"> 1. Physical Education (non credit) 2. Military Training (non credit)
<p>SUPPORTING (12 Credits)</p> <p>FOREIGN LANGUAGE (8)</p> <ol style="list-style-type: none"> 1. Supplementary English (non credit) 2. English 0 (non credit) 3. English 1 (3) 4. English 2 (3) 5. English for Agricultural Economics (2) <p>INFORMATION TECHNOLOGY (2)</p> <ol style="list-style-type: none"> 1. Introduction to Informatics (2) <p>METHODS - SKILLS (2)</p> <ol style="list-style-type: none"> 1. Public Speaking (2) 2. Soft Skills (non credit) 	<p>PRACTICAL EXPERIENCES (12 Credits)</p> <ol style="list-style-type: none"> 1. Field trip (non-credit) 2. Internship (12) 		
<p>ELECTIVE (select 4 credits)</p> <ol style="list-style-type: none"> 1. Environmental Ecology (2) 2. Fundamental of preservation and processing for agricultural products (2) 3. Introduction to Psychology (2) 4. Applied Informatics in Economics (2) 5. Decision Making and Leadership Skills (2) 6. Group Working Skills (2) 			

Curriculum content

CR: credit, TH: Theory, PR: Practice, C/E = Compulsory/Elective

No	Year	Course code	Course name	CR	TH	PR	C/E	Prerequisite name	Prerequisite code
GENERAL COURSES									
1	1	ML01020	Philosophy of Marxism and Leninism	3	3	0	BB		
2	1	ML01021	Political economy of Marxism and Leninism	2	2	0	BB	Philosophy of Marxism and Leninism	ML01020
3	2	ML01022	Socialism	2	2	0	BB	Political economy of Marxism and Leninism	ML01021
4	3	ML01005	Ho Chi Minh ideology	2	2	0	BB	Socialism	ML01022
5	3	ML01023	The history of Vietnamese Communist Party	2	2	0	BB	Ho Chi Minh ideology	ML01005
6	1	TH01027	Basic Mathematics for Economists 1	2	2	0	BB		
7	1	TH01028	Basic Mathematics for Economists 2	2	2	0	BB		
8	1	ML01009	Introduction to Laws	2	2	0	BB		
9	1	ML03027	Economic Law	2	2	0	BB		
10	2	NH03090	Basic of Crop Production	2	2	0	BB		
11	2	CN01007	Introductory Animal Production	2	1.5	0.5	BB		
12	1	MT01008	Environmental Ecology	2	2	0	TC		
13	2	CP03053	Fundamental of Preservation and Processing for Agricultural Products	2	1.5	0.5	TC		
14	2	KT01008	Decision Making and Leadership Skills	2	2	0	TC		
15	1	SN01016	Introduction to Psychology	2	2	0	TC		
16	1	KT01003	Group Working Skills	2	2	0	TC		
17	2	KT02043	Applied Informatics in Economics	2	1.5	0.5	TC		
18	1	KT01005	Public Speaking	2	2	0	BB		
19	1	TH01009	Introduction to informatics	2	1.5	0.5	BB		
20	2	SN01032	English 1	3	2	1	BB	English 0	SN00011

21	2	SN01033	English 2	3	3	0	BB	English 1	SN01032
FUNDAMENTAL COURSES									
22	1	KT01000	Geographical Economics	2	2	0	BB		
23	1	KT02005	Principles of Agricultural Economics	3	3	0	BB		
24	1	KT03069	Principles of Community Development	2	2	0	BB		
25	2	KT02011	Mathematical Economics	3	3	0	BB	Microeconomics I	KT02001
26	1	KT02001	Microeconomics I	3	3	0	BB		
27	1	KT02002	Macroeconomics I	3	3	0	BB		
28	1	KT03001	Microeconomics II	2	2	0	BB	Microeconomics I	KT02001
29	2	KT03002	Macroeconomics II	2	2	0	BB	Macroeconomics I	KT02002
30	2	KT02006	Principles of Economic Statistics	3	3	0	BB		
31	2	KT02015	Basic Econometrics	2	2	0	BB	Microeconomics I	KT02001
32	3	KT03090	Applied statistics for agriculture	2	2	0	BB	Principles of Economic Statistics	KT02006
33	2	KQ02014	Principles of Accounting	3	3	0	BB		
SPECIALIZED COURSES									
34	3	KT03067	Agricultural Product value chain	2	2	0	BB		
35	2	KQ03035	Agricultural Finance	2	2	0	BB		
36	3	KT03015	Agricultural Extension Methods	3	3	0	BB		
37	4	KT03020	Agricultural Policies	3	3	0	BB		
38	4	KT03209	Basic Public Economics	2	2	0	BB	Microeconomics I	KT02001
39	4	KT03007	Natural Resource Economics	2	2	0	BB	Microeconomics I	KT02001
40	2	KT03008	Environmental Economics	2	2	0	BB	Microeconomics I	KT02001
41	3	KT02009	Research Methods in Economics	2	2	0	BB		
42	4	KT03031	Project Management	3	3	0	BB		
43	3	KQ03108	Marketing of Agricultural Products	2	2	0	BB		
44	4	KT03010	Human Resource Economics	2	2	0	BB		
45	3	KT03014	Farm Households Economics	2	2	0	BB	Principles of Agricultural Economics	KT02005
46	4	KT03103	Development Strategies and planning	2	2	0	BB		
47	2	KT03024	Economics of Trade and Services	2	2	0	BB		

48	4	KT03115	Principles of Rural Development	2	2	0	BB		
49	3	KT03091	Internship	12	0	12	BB	Principles of Agricultural Economics	KT02005
50	4	KT04991	Graduation Thesis of Agricultural Economics	9	0	9	BB	Principles of Agricultural Economics	KT02005
51	4	KT03040	Production Economics	2	2	0	TC	Microeconomics I	KT02001
52	3	KT03126	International Trade	2	2	0	TC	Macroeconomics I	KT02002
53	2	KT03003	Investment Economics	2	2	0	TC	Microeconomics I	KT02001
54	2	KT03028	Development Economics	3	3	0	TC		
55	4	KT03017	Rural Economy	3	3	0	TC		
56	2	KT03106	Introduction to Development in SEA	2	2	0	TC		
57	2	KT03114	Economic Analysis of Agricultural Markets	3	3	0	TC		
58	3	KQ03304	Public Finance	2	2	0	TC		
59	2	KQ03383	Financial Accounting	2	2	0	TC		
60	3	KQ03111	Agribusiness Management	2	2	0	TC		
61	1	KT03109	Organizational Behavior	2	2	0	TC		
62	3	KT03102	Basic Organzing Agricultural Extension	2	2	0	TC		
63	3	KT03012	Labor Economics and Management	2	2	0	TC	Microeconomics I	KT02001
64	3	KQ03411	Cooperatives and Small Business Management	2	2	0	TC		
65	3	KQ03305	Agricultural Financial Management	2	2	0	TC		
66	4	KT03127	Trade and Development	2	2	0	TC		
67	4	KT03113	Regional Economics	2	2	0	TC		
68	3	KT03058	Risk management in Agriculture	2	2	0	TC		
69	2	KT03030	Gender in Rural Development	2	2	0	TC		
70	3	SN03056	English for Agricultural Economics	2	2	0	BB	English 2	SN01033

Sum total of credits of the Curriculum

General knowledge	37 credits: 33 Compulsory + 4/12 Elective
Fundermental knowledge	30 credits: 30 Compulsory + 0 Elective
Specialized knowledge	64 credits: 56 Compulsory + 8/41 Elective
Thesis and Internship	21 credits
Total credits	131

** Soft skill training (Student must obtain 6 credits)*

Course code	Course name	Credits	Course status
KN01001	Communication Skills	2	Elective
KN01002	Leadership Skills	2	Elective
KN01003	Self-management Skills	2	Elective
KN01004	Job searching Skills	2	Elective
KN01005	Teamwork Skills	2	Elective
KN01006	International Integration	2	Elective

** Physical and Citizen Military training*

Module title	Course code	Courses name	Credit	C/E
Physical education	GT01016	General Physical Education	1	C
	GT01017	Athletics	2	C
	GT01018	Aerobics		
	GT01019	Soccer		
	GT01020	Volleyball		
	GT01021	Basketball		
	GT01022	Badminton		
	GT01023	Chess		
	GT01014	Dance sport		
	GT01015	Swimming		
Citizen Military education	QS01011	Citizen Military Training 1	3	C
	QS01012	Citizen Military Training 2	2	C
	QS01013	Citizen Military Training 3	2	C
	QS01014	Citizen Military Training 4	4	C
Total			14	

** Courses for computer skills (student must obtain 4 credit)*

Code	Course name	CR	C/E
TH01009	Introduction to informatics	2	C
KT02043	Applied Informatics in Economics	2	E

8. STUDY PLAN

CR: credit, TH: Theory, PR: Practice, C/E = Compulsory/Elective

Semester	Code	Course name	CR	TH	PR	C/E	Prerequisite name	Prerequisite code
1	ML01020	Philosophy of Marxism and Leninism	3	3	0	C		
1	KT01005	Public Speaking	2	2	0	C		
1	KT01000	Geographical Economics	2	2	0	C		
1	TH01027	Basic Mathematics for Economists 1	2	2	0	C		
1	ML01009	Introduction to Laws	2	2	0	C		
1	KT02001	Microeconomics I	3	3	0	C		
1	KT02002	Macroeconomics I	3	3	0	C		
2	ML01021	Political economy of Marxism and Leninism	2	2	0	C	Philosophy of Marxism and Leninism	ML01020
2	KT03069	Principle of Community Development	2	2	0	C		
2	TH01028	Basic Mathematics for Economists 2	2	2	0	C		
2	TH01009	Introduction to informatics	2	1,5	0,5	C		
2	MT01008	Environmental Ecology	2	2	0	E		
2	SN01016	Introduction to Psychology	2	2	0	E		
2	KT01003	Group Working Skills	2	2	0	E		
2	KT02005	Principles of Agricultural Economics	3	3	0	C		
2	ML03027	Economic Law	2	2	0	C		
2	KT03001	Microeconomics II	2	2	0	C	Microeconomics I	KT02001
2	KT03109	Organizational Behavior	2	2	0	E		
3	NH03090	Basic of Crop Production	2	2	0	C		
3	SN01032	English 1	3	2	1	C		

Semester	Code	Course name	CR	TH	PR	C/E	Prerequisite name	Prerequisite code
3	CP03053	Fundamental of Preservation and Processing for Agricultural Products	2	1,5	0,5	E		
3	KT02043	Applied Informatics in Economics	2	1,5	0,5	E		
3	KT02011	Mathematical Economics	3	3	0	C	Microeconomics I	KT02001
3	KT02006	Principles of Economic Statistics	3	3	0	C		
3	KQ02014	Principles of Accounting	3	3	0	C		
3	KT03002	Macroeconomics II	2	2	0	C	Microeconomics I	KT02002
3	KT03106	Introduction to Development in SEA	2	2	0	E		
3	KQ03383	Financial Accounting	2	2	0	E		
3	KT03030	Gender in Rural Development	2	2	0	E		
4	ML01022	Socialism	2	2	0	C	Political economy of Marxism and Leninism	ML01021
4	CN01007	Principle of Animal Production	2	1,5	0,5	C		
4	KT02015	Basic Econometrics	2	2	0	C	Microeconomics I	KT02001
4	SN01033	English 2	3	3	0	C	English 1	SN01032
4	KT01008	Decision Making and Leadership Skills	2	2	0	E		
4	KQ03035	Agricultural Finance	2	2	0	C		
4	KT03008	Environmental Economics	2	2	0	C	Microeconomics I	KT02001
4	KT03024	Economics of Trade and Services	2	2	0	C		
4	KT03003	Investment Economics	2	2	0	E	Microeconomics I	KT02001
4	KT03028	Development Economics	3	3	0	E		
4	KT03114	Economic Analysis of Agricultural Markets	3	3	0	E		

Semester	Code	Course name	CR	TH	PR	C/E	Prerequisite name	Prerequisite code
5	ML01005	Ho Chi Minh ideology	2	2	0	C	Socialism	ML01022
5	KT03090	Applied Statistics for Agriculture	2	2	0	C	Principles of Economic Statistics	KT02006
5	KT03067	Agricultural Product value chain	2	2	0	C		
5	SN03056	English for Agricultural Economics	2	2	0	C	English 2	SN01033
5	KT03015	Agricultural Extension Methods	3	3	0	C		
5	KT02009	Research Methods in Economics	2	2	0	C		
5	KQ03108	Marketing of Agricultural Products	2	2	0	C		
5	KT03126	International Trade	2	2	0	E	Macroeconomics I	KT02002
5	KQ03304	Public Finance	2	2	0	E		
5	KQ03111	Agribusiness Management	2	2	0	E		
5	KT03058	Risk management in Agriculture	2	2	0	E		
6	ML01023	The history of Vietnamese Communist Party	2	2	0	C	Ho Chi Minh ideology	ML01005
6	KT03091	Internship	12	0	12	C	Principles of Agricultural Economics	KT02005
6	KT03102	Basic Organzing Agricultural Extension	2	2	0	E		
6	KT03012	Labor Economics and Management	2	2	0	E	Microeconomics I	KT02001
6	KQ03411	Cooperatives and Small Business Management	2	2	0	E		
6	KQ03305	Agricultural Financial Management	2	2	0	E		
6	KT03014	Farm Households Economics	2	2	0	C	Principles of Agricultural Economics	KT02005
7	KT03020	Agricultural Policies	3	3	0	C		

Semester	Code	Course name	CR	TH	PR	C/E	Prerequisite name	Prerequisite code
7	KT03209	Public Economics	2	2	0	C	Microeconomics I	KT02001
7	KT03007	Natural Resource Economics	2	2	0	C	Microeconomics I	KT02001
7	KT03031	Project Management	3	3	0	C		
7	KT03010	Human Resource Economics	2	2	0	C		
7	KT03103	Development Strategies and planning	2	2	0	C		
7	KT03115	Principles of Rural Development	2	2	0	C		
7	KT03040	Production Economics	2	2	0	E	Microeconomics I	KT02001
7	KT03017	Rural Economy	3	3	0	E		
7	KT03127	Trade and Development	2	2	0	E		
7	KT03113	Regional Economics	2	2	0	E		
8	KT04991	Graduation Thesis of Agricultural Economics	9	0	9	C	Principles of Agricultural Economics	KT02005
Total credits of compulsory courses			119					
Total credits of elective courses			12					
Total credits of physical and military training			14					
Total credits of information courses			4					
Total credits of soft skills			6					

9. COURSE CONTENT AND WORKLOAD

9.1. General courses

1. ML01020. Philosophy of Marxism and Leninism (Triết học Mác – Lênin) (3CR: 3-0-9; 135). This course consists of 3 chapters to help students have a basic and systematic understanding of Marxist-Leninist philosophy, building a materialistic worldview and materialistic dialectic methodology. Contents include: Philosophy and the role of philosophy in life; dialectical materialism, including matter and consciousness, material dialectics, cognitive theory of dialectical materialism; historical materialism, including problems of socio-economic form, class and nation, state and social revolution, social consciousness, philosophy of human.
2. ML01021. Political economy of Marxism and Leninism (Kinh tế chính trị Mác – Lênin) (2CR: 2-0-6; 90). This course consists of 6 chapters to help students understand the basic and core knowledge of Marxist-Leninist political economy in the context of economic development of the country and the world today. Contents include: Objects, research methods and functions of Marxist-Leninist political economy; goods, markets and the role of market participants; surplus value in the market economy; competition and monopoly in the market economy; socialist-oriented market economy and economic interest relations in Vietnam; industrialization, modernization and international economic integration of Vietnam.
3. ML01022. Socialism (Chủ nghĩa xã hội khoa học) (2CR: 2-0-6; 90). This course consists of 7 chapters to help students grasp the most basic and core knowledge about scientific socialism. Contents include: Introduction to scientific socialism; historical mission of the working class; socialism and the transition to socialism; socialist democracy and socialist state; social structure - classes and alliances of classes in the transition to socialism; ethnic and religious issues in the transition to socialism; Family problems during the transition to socialism.
4. ML01005. Ho Chi Minh Ideology (Tư tưởng Hồ Chí Minh) (2CR: 2 – 0 – 6; 90). The content of the course is Ho Chi Minh's ideology on the path of national liberation and building a new society. Pre-study course: Marxist-Leninist Principle 2 (ML10002)
5. ML01023. The history of Vietnamese Communist Party (Lịch sử Đảng Cộng sản Việt Nam) (2CR: 2-0-6; 90). This course equips students with an understanding of the objects, purposes, tasks, research methods, studying the History of the Communist Party of Vietnam course and the basic, systematic and core knowledge about: The birth of the Communist Party of Vietnam (1920-1930); the process of leading the struggle for power (1930-1945); led two resistance wars

against French colonialism and American aggression, completing national liberation and reunification (1975-2018); affirming the successes, limitations, summarizing the experience of the revolutionary leadership of the Communist Party of Vietnam.

6. KT01005. Public Speaking (Giao tiếp công chúng) (2CR: 2-0-6; 90). 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.

7. TH01027. Basic Mathematics for Economics 1 (Cơ sở Toán cho các nhà kinh tế 1) (02CR:2-0-6; 90). Brief description of the content: This course consists of 4 chapters with the following contents: Vectors; scalar of two vectors, linearly independent and linearly dependent vector system; matrix, determinant, system of linear equations; derivatives, differentials, and extrema of functions of one variable; partial, total differential of functions of many variables, total derivatives and extrema of functions of many variables.

8. TH01028: Basic Mathematics for Economics 2 (Cơ sở Toán cho các nhà kinh tế 2) (02CR: 02-0-06; 90). This course consists of 3 chapters with the following contents: Calculus of integral functions of one variable, Random variables and probability distributions, Statistical generalization.

9. ML01009: Introduction to laws (Pháp luật đại cương). (02CR: 02-0-06; 90). Some theoretical issues about the State and the law; Basic contents of the Constitutional Law and the Administrative Law; Basic contents of the Civil Law, the Law on Civil Procedure and the Law on Marriage and Family; Basic contents of Criminal Law and Criminal Procedure Law; Basic contents of Economic Law, Labor Law.

10. TH01009: Introduction to Informatics (Tin học đại cương) (02CR: 01-01-06; 90). General introduction to informatics; Computer architecture; Computer software and operating systems; Computer networks and the Internet; Database; Algorithms and programming languages; Social issues of information technology.

11. NH03090: Basic of crop production (Trồng trọt cơ bản) (2CR: 2-0-6; 90). Introduction to plants and technical measures to control growth to improve production efficiency; the relationship between climate factors and crops; the relationship between arable land and crops; the role of fertilizers and rational fertilizer use techniques; the role and principles of building

cropping systems and crop rotation; Plant pests and control measures, principles of sustainable agriculture.

12. CN01007. Introductory Animal Production (Nhập môn chăn nuôi) (2CR: 1,5 – 0,5 – 6; 90). Content/Chapter title: Economic and social importance of livestock; Genetics and breeding of livestock; Breeding livestock; Nutrition and animal feed; Animal behavior and welfare; Pig raising; Poultry breeding; Cattle breeding. Teaching methods: participatory teaching (active-active learning methods, group discussions, case exercises, problem solving), seminars.

13. SN01032. English 1 (Tiếng Anh 1). (3CR: 2 - 1 - 9; 135) This course provides basic knowledge of sentences and structures that are frequently used with the present simple, adverbs of frequency, gerunds, comparative sentences, modal verbs such as can and can't , must and have to; provides the vocabulary needed for everyday communication on familiar topics such as work, vacations, cities, wildlife, and sports. The subject of practicing pronunciation, practicing sentence stress, intonation in questions; practice and develop listening, speaking, reading and writing skills related to work, vacation, city, wildlife, and sports topics. Prerequisite course: English 0.

14. SN01033- English 2 (Tiếng Anh 2) (3TC: 2-1-9; 135): This course consists of 10 unit: Unit 6. Good luck, bad luck: Unit 6. Good luck, bad luck: Using simple past tense, phrases with "get", vocabulary about luck and bad luck, speak and listen about luck and bad luck; reading comprehension 1 article about a lucky thief and 1 reading about the history and development of the lottery; write a story about luck/unlucky. Unit 7. My favorite things: Use the present perfect and object vocabulary to speak and listen about people's collectibles and hobbies; read articles about passionate collectors; develop listening/reading skills in anticipation of the content of the lesson based on the title, rational use of adverbs of the degree really, very, so in communication; Write a paragraph describing your favorite object. Unit 8. Memorable experiences: Use past simple and continuous to talk about feelings, childhood memories, accidents; Reading comprehension and writing passages about memorable experiences. Unit 9. I love chocolate: Use passive sentences and vocabulary related to food, talk and listen to recipes, use phrases of quantity and words like, such as, for example; read articles about Chocolate; write an article about a certain food/drink. Unit 10. How can we help? Using pronouns as objects and reasonable verb patterns, natural disaster vocabulary in speaking and listening about

helping others, charity work; read articles about the purposes of recycling and charities around the world; Write a plan for charity work.

15. MT01008. Environmental Ecology (Sinh thái môi trường) (2CR: 2-0-6; 90). The general concept of ecology, the interaction between organisms and the environment at the individual level; populations and communities. Organisms: concepts, characteristics and dynamics; Biomes: concept, composition, features and dynamics; Ecosystem: Composition, structure and dynamics of ecosystems; Major Ecosystems; relationship between natural resources, environment and development.

16. CP03053: Fundamental of Preservation and Processing for Agricultural Products (Bảo quản chế biến nông sản đại cương) (2CR: 1,5-0,5-6; 90). Postharvest losses of agricultural products and the importance of postharvest storage and processing; Characteristics of agricultural products; Environment for preserving agricultural products; Organisms harmful to agricultural products after harvest; Harvest, sort, pack, and store agricultural products; Principles and methods of preserving agricultural products and foods; Agricultural processing; Quality control of agricultural products.

17. KT01008. Decision Making and Leadership Skills (Kỹ năng lãnh đạo và ra quyết định). (2CR: 2-0-6; 90). The course provides knowledge on leadership theories, concepts and particularly skills of leadership; distinguish the differences between leader and manager; The theory of making decisions; The methods and process of making decisions. The course applies the learner-centered method, after learning theories on class, the students read additional document and apply into practical issues.

18. SN01016. Introduction to Psychology (Tâm lý học đại cương) (2CR: 2-0-6; 90). This course provides learners with basic knowledge of Psychology such as objects and tasks of psychology; The nature of the human psyche; The natural and social bases of psychology; The formation of psychology, consciousness; cognitive activities; emotional life and human personality.

19. KT01003. Group Working Skills (Kỹ năng quản lý và làm việc nhóm) (2CR: 2-0-6; 90). This course content refers to the following contents: general issues of teamwork; skills on: group activities; group management; Team work and group management.

20. KT02043. Applied Informatics in Economics (Ứng dụng tin học trong kinh tế) (2CR: 1,5-0,5-6; 90). The course included 3 main chapters that cover the following key contents:

Introduction to Excel and SPSS data analysis program, basic formulas and tools applied for the field of agricultural economics and management.

21. ML03027. Economic Law (Luật kinh tế) (2CR: 2 – 0 – 6; 90). Legal provisions on investment activities, establishment, organization and dissolution of enterprises and cooperatives. Law on commercial activities, commercial contracts. Antitrust competition law, the law on economic dispute settlement and corporate bankruptcy.

9.2. Fundamental courses

22. KT02015. Basic Econometrics (Kinh tế lượng căn bản) (2CR: 2-0-6; 90). This course consists of 5 chapters: Introduction to Econometrics; Simple Linear Regression Analysis; Multiple Regression Analysis; Regression Analysis with dummy; Economic Models and Applications.

23. KT01000. Geographical Economics (Địa lý kinh tế). (2CR: 2 – 0 – 6; 90). This is a course that combines knowledge about location conditions and socio – economic activities. Including: content about fundamental problems of territorial organization; evaluation of the effect of natural resources to the development of agricultural and industrial sectors. Characteristics of humanities resources to socio – economic problems. Researching about territory organization of Industrial, Agricultural and Services sectors in Vietnam and Characteristics of some economic regions in Vietnam.

24. KT03069: Principle of Community Development (Nguyên lý Phát triển cộng đồng) (2CR: 2-0-6; 90). This course includes content on the history and evolution of community development; basic theories on community and community development; tools in community development; community methods in development; community facilitator.

25. KT02005: Principles of Agricultural Economics (Nguyên lý kinh tế nông nghiệp). (3CR: 3-0-9; 135). 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.

26. KT02011. Mathematical Economics (Toán kinh tế) (3CR: 3-0-9; 135). This course consists of 6 chapters with the content of introducing econometric models; Static balance analysis; Comparative analysis. The application of derivatives and differentials in the analysis of micro- and macro-economic problems; The problem of optimizing production and consumption; Linear programming problem; Transport problem.
27. KT02001: Microeconomics I (Kinh tế vi mô I) (3CR: 3-0-9; 135). Microeconomics I course includes the following contents about opportunity cost and comparative advantages, demand and supply, elasticity, perfectly competitive supply, monopoly, oligopoly, and monopolistic competition, public goods and tax Policy.
28. KT02002: Macroeconomics (Kinh tế vĩ mô I) (3CR: 3-0-9; 135). This course consists of 8 chapters about the fundamental macroeconomics concepts, the economics model to analyze the problems and issues in the daily life: (1) Introduction to macroeconomics; (2) Macroeconomics indicators; (3) Measures national income and output; (4) Aggregate expenditure; (5) Monetary system; (6) AD-AS model; (7) Unemployment; and (8) Inflation.
29. KT02006: Principles of Economic Statistics (Nguyên lý thống kê kinh tế) (3CR: 3-0-9; 135). Introduction and key statistical concepts; Data collection; Sample survey; Organizing and presenting data; Descriptive statistics; Correlation analysis.
30. KT03090. Applied Statistics for Agriculture (Thống kê ngành nông nghiệp). (2CR: 2-0-6; 90): This course content aims to apply the knowledge of statistics in the study of population, labor, land, property, investment capital, science and technology, environment, living standard of population, state budget, social and international issues, accounting for results and efficiency of social production. Pre-course: Principles of Economic Statistics (KT2006)
31. KQ02014. Principles of Accounting (Nguyên lý kế toán). (3CR: 3-0-9; 135). Nature and objects of accounting; General method of accounting balance (financial statements); Prepare documents and inventory; Dual account and bookkeeping methods; Pricing;
32. KT03001. Microeconomics II (Kinh tế vi mô II) (2CR: 2-0-6; 90) The course analyzes consumer and producer theories, deriving from the supply - demand model learnt from Microeconomics I. Also, it focuses on different scenarios of market interaction by looking at perfect competition, monopolistic competition, oligopoly and monopoly. Part of the course will discuss markets for factor inputs to build fundamental knowledge for labor, capital and land markets. Finally, roles of government to deal with market failures will be discussed.

33. KT03002. Macroeconomics II (Kinh tế vĩ mô II) (2CR: 2-0-6; 90). This module focuses on analyzing the theoretical model of economic growth; exploring the relationship between saving, investment and the role of the financial system; applying performance assessment of open economies through indicators measuring international circulation flows; debate and propose policies to stabilize and promote macroeconomic growth of economies.

9.3. Specialized courses

34. KT03067. Agricultural Product Value Chain (Chuỗi giá trị nông sản) (2CR: 2-0-6; 90). The course content: Understand the theory and analysis of the value chain, apply analysis to specific products. Chapter title: Introduction and basic concepts; Value chain analysis tools; Applying value chain analysis to agricultural products. Teaching methods: Theoretical lectures introduce the contents of the chapters; practice analysis of some specific agricultural product value chains by group; groups present in front of the class. Prerequisites: No

35. SN03056. English for Agricultural Economics (Tiếng Anh cho chuyên ngành Kinh tế nông nghiệp) (4CR: 4-0-8; 180). This course composes 6 chapters with contents relating to: Organizations in Agriculture, Market and Competition, Agricultural Project Management, Agricultural Marketing, Agricultural Trade, Agricultural Policy.

36. KQ03035. Agricultural Finance (Tài chính nông nghiệp) (2CR: 2-0-6; 90). Fundamentals of financial markets and the time value of money; Research on risks and uncertainties in agricultural finance management; Analysis and selection of long-term investment projects in agriculture; Credit in agriculture.

37. KT03015: Agricultural Extension Methods (Phương pháp khuyến nông) (3CR: 3-0-9; 135). 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.

38. KT03020: Agricultural Policies (Chính sách nông nghiệp) (3CR: 3-0-9; 135). This course composes 4 chapters with contents relating to: concept, rationale of state's intervention in economic and agricultural development, classification of agricultural and food policy, agricultural and food policy formulation, agricultural and food policy analysis, and agricultural and food policies including: land policy, price policy, marketing policy, rural credit, technology transfer, agricultural trade, and food policy.

39. KT03209. Basic Public Economics (Kinh tế công cộng căn bản) (2CR: 2-0-6; 90). This course consists of Mixed economy and public sector; Economic role of government; Theories on welfare economics and income distribution; Public expenditure theory; Main public expenditure programs; and Theory of taxation.
40. KT03007. Natural Resource Economics (Kinh tế tài nguyên). (2CR: 2 – 0 – 6; 90). This course consists of welfare economics and key concepts in resource economics; Resources and economic development; Economics of land resources and economics of water resources; Forest resource economics; Economics of aquatic resources; Non-renewable resource economy; wild animals and plants Economics; Valuation of natural resources.
41. KT03008. Environmental Economics (Kinh tế môi trường). (2CR: 2 - 0 – 6; 90). This course studies the basic issues of environmental economic science; Environment and development; Overview of pollution, ecology and environmental standards; Economics of environmental pollution; Basic contents of environmental management; Environmental impact assessment and environmental value assessment methods.
42. KT02009. Research Methods in Economics (Phương pháp nghiên cứu kinh tế) (2 CR: 2-0-6; 90). 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.
43. KT03031. Project Management (Quản lý dự án) (3CR: 3-0-9; 135). This course consists of 4 chapters about: Project management overview; Project design management; Implementation Management; and Project closure.
44. KQ03108. Marketing of Agricultural Products (Marketing nông nghiệp) (2CR: 2 – 0 – 6; 90). Introduction to Agricultural Marketing; Food market and marketing activities in food market; Agricultural marketing system; Marketing margins, marketing costs and marketing effectiveness; Marketing some agricultural products.
45. KT03010. Human Resource Economics (Kinh tế nguồn nhân lực) (2CR: 2-0-6; 90). This course provides students with basic knowledge related to the field of economics and human resource management including basic concepts, methods of determining human resources, labor market, issues of training and human resource development, issues related to labor

productivity, labor remuneration and some social issues for employees. Pre-course: Microeconomics I (KT0201).

46. KT03014. Farm household economics (Kinh tế nông hộ) (2CR: 2-0-6; 90). The course consists of 4 theoretical chapters, including: Introduction to farmers and farm household characteristics and farm household economics; Farm political economy, resources in farm household economics, behavior of farmer households with the optimization of economic benefits, risk management, dealing with hardship, development of farm household economics. Students are guided to design household questionnaires and conduct surveys, collect data on household resources, household socio-economic relationships and household behavior.

47. KT03103. Development Strategies and Planning (Xây dựng chiến lược và kế hoạch phát triển) (2CR: 2-0-6; 90). Content: The concept, role and characteristics of development strategies and planning. The 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.

48. KT03024. Economics of Trade and Service (Kinh tế thương mại dịch vụ). (2CR: 2 - 0 – 6; 90). This course provides students with an overview of trade in services, goods distribution systems, and e-commerce, service economy as well as issues of service trade economy in the integration period. Students understand the role, characteristics, nature of production and business forms, distribution channel system as well as contents in developing trade and services for economic development.

49. KT03115. Principles of Rural Development (Nguyên lý Phát triển nông thôn) (2CR: 2-0-6; 90). The course of Rural Development provides students the concepts and approaches of rural development (ii) outline the different elements/dimensions and the interactions amongst them in rural development (iii) identify and explain critically the roles of stakeholders in rural development; (iv) understand and apply the principles of rural development in the context of developing countries with the emphasis of Vietnam.

50. KT03091. Internship (Thực hành nghề nghiệp) (12CR: 0-12-36; 540). The main contents of the course include: Improving principles of Agricultural Economics; Planning and writing Research proposals for each agricultural-economic topics in rural areas; Field work; Data analyses; Writing summary report, research, presentation.

51. KT04991. Graduation Thesis of Agricultural Economics (Khóa luận tốt nghiệp chuyên ngành Kinh tế nông nghiệp). (9CR: 0 – 9 – 27; 405). This course consists of: Selecting the internship place; Selecting the research topic related to agricultural economics, rural social economics, economic organizations in agriculture, resources in agriculture; Collecting and reviewing the literature about the problems in rural social economics; developing the research proposal and research plan; Data collection; Data processing; Data analyzing and writing a thesis; Writing a thesis summary and making a presentation in front of the assessing committee.
52. KT03040. Production Economics (Kinh tế học sản xuất) (2CR: 2-0-6; 90). i) basic concepts of production economics and production functions; ii) production analysis, iii) Frontier functions; iv) production cost analysis in a short- and long-term, v) profit analysis and vi) decision-making in uncertainty contexts and conditions.
53. KT03126. International Trade (Thương mại quốc tế) (2CR: 2-0-6; 90). This course consists of 5 chapters and provides students with a sound knowledge of international trade theories and policy. It focuses on: application of these theories to analyze trade issues that have arisen in Vietnam, the Asia-Pacific region and the world at large: Introduction to the International trade and the Global Economy; Classical Trade theories; New Trade Theory; International Trade Policy; Economic Integration and Regionalism.
54. KT03003: Investment Economics (Kinh tế đầu tư) (2CR: 2-0-6; 90). The course provides knowledge about the overview of investment, management and planning investment, outcome and efficiency of investment, investment project management, and international relationship in investment. The course applies the learner-centered method, after learning theories on class, the students read additional document and apply into practical issues.
55. KT03028. Development Economics (Kinh tế phát triển) (3CR: 3-0-9; 135). The unit includes 6 chapters with main contents followings: Basic problems of development economics; Theories of economic growth and development; National resources of economic development; International economic relations and development; Socio-economic and environmental issues in the development process, and Development strategies.
56. KT03017. Rural Economy (Kinh tế nông thôn) (3CR: 3-0-9; 135). The course consists of 8 theoretical chapters, including: Introduction to Agriculture and Non- Agriculture in rural area; Growth and Development Rural Economics; production and business by special context;

organizations in rural area; Land use in Rural; Rural market; Migration, Linkage between rural and urban; Social welfare in rural.

57. KT03106. Introduction of Development in Southeast Asia (Đại cương phát triển Đông Nam Á) (2CR: 2-0-6; 90). The Course gives the main contents: Overview of Development and the SEA, and the ASEAN Community; Based theories for development in SEA countries; Poverty, Inequality and Human Development in SEA; Trade and Foreign investment in SEA countries; Development strategies and experiences of SEA countries.

58. KT03114. Economic Analysis of Agricultural Markets (Phân tích thị trường nông nghiệp) (3CR: 3-0-9; 135). This course consists of 6 chapters including: Introduction to market analysis; Supply and demand in the market; Forecasting methods; Theory and Estimation in Production; Prices and Output Decisions; Value chain analysis. In addition, the course requires every student to participate in a group project to apply the above knowledge in practice.

59. KQ03304. Public finance (Tài chính công) (2CR: 2-0-6; 90). Public finance overview; Public spending policy; Public resources; Public Finance in Vietnam.

60. KQ03383. Financial Accounting (Kế toán tài chính đại cương). (2CR: 3-0-9; 135). This course is focused on introducing the content and practice of: Capital accounting in cash, receivables, advances and prepayments; inventory accounting; Fixed asset accounting and financial investment; Accounts payable accounting; Production cost accounting and costing; Payable accounting; Production cost accounting and costing; Accounting of sales revenue, financial income, other income and expenditure and determination of business results; Equity accounting

61. KQ03111. Agribusiness Management (Quản trị kinh doanh nông nghiệp) (2CR: 2-0-6;90). Introduction; Scientific basis of Agribusiness Administration; Business plan; Organization and management of factors of production; Organization of crop production; Organization of livestock production; Organization of manufacturing industries and services; Organization of consumption and distribution of products; Accounting and business analysis

62. KT03109. Communication and Organizational Behavior (Giao tiếp và hành vi trong tổ chức) (2CR: 2-0-6; 90). The course gives the main contents: i) Overview of communication and behavior, ii) Personal behavior and organizational behavior, iii) Motivation, iv) Effective leadership, v) Communication, vi) Conflict management and change in organization.

63. KT03102. Basic Organizing Agricultural Extension (Tổ chức công tác khuyến nông căn bản) (3CR: 3-0-9; 135). The course aims to provide an understanding of concepts related to organization of agricultural extension, included: Fundamentals of Organization of Agricultural Extension; Organization of Agricultural Extension System; Organization of Agricultural Extension Resources; Agricultural Extension Planning; Farmer Participation in Agricultural Extension; Evaluating Effectiveness of Agricultural Extension.

64. KT03012. Labor Economics and Management (Kinh tế và quản lý lao động) (2CR: 2 – 0 – 6; 90). This course addresses the content of the labor market, discrimination in the labor market, migration and population distribution, minimum wage policy and the impact of minimum wages on the labor market. Pre-course: Microeconomics I (KT0201)

65. KQ03411. Cooperatives and Small Business Management (Quản lý hợp tác xã và doanh nghiệp vừa và nhỏ). (2CR: 2-0-6; 90). Brief description of content: This course begins with an introduction to the general issues of Small Business Administration and Cooperatives, then present, analyze and evaluate business opportunities of small businesses and cooperatives as a basis for building business plans for small businesses and cooperatives. Next, the course presents how to manage the basic elements of small businesses and Cooperatives including financial management, marketing management and human resource management.

66. KQ03305. Agricultural Financial Management (Quản lý tài chính nông nghiệp) (2CR: 2-0-6; 90). This course consists of 5 chapters: Chapter 1: Corporate finance overview; Chapter 2: financial statement analysis; Chapter 3: The time value of money; Chapter 4: Valuation of financial assets; Chapter 5: Capital budgeting.

67. KT03127. Trade and Development (Thương mại và Phát triển) (2CR: 2-0-6; 90). This course consists of 5 theoretical chapters, and maintains discussion and group exercise presentations. The main content of the course includes: Basics of Globalization, Growth, Development, and Trade; Economic growth with endogenous and exogenous variables of the economy; Labor productivity and comparative advantage to trade; Differences in natural resources, labor force with labor skills, material and land resources leading to trade between countries and regions; Trade and income distribution across sectors in the domestic and international economy.

68. KT03113. Regional Economics (Kinh tế vùng) (2CR: 2-0-6; 90). Summary of content: This course presents an approach to the study of regions, policies and policy tools for regional

development. Based on theoretical analysis, the model aims to help students understand about policies to develop regions in order to apply in reality.

69. KT03058. Risk management in Agriculture (Quản lý rủi ro trong nông nghiệp) (2CR: 2-0-6; 90). Risk basics and risk management in agriculture; Approaches and strategies for risk management in agriculture; Risk management cycle and practical application in agriculture.

70. KT03030. Gender in Rural Development (Giới trong phát triển nông thôn) (2CR: 2 - 0 – 6;90). This course introduces the concept and basic issues of gender; Gender in rural development in the world and in Vietnam; Research on gender in rural development.

Hanoi, date 30/6/2022

PRESIDENT

DEAN OF FACULTY

Assoc. Prof. Dr. Nguyen Thi Minh Hien

APPENDIX 1

LIST OF FACILITIES AND INFRASTRUCTURE USED FOR BAE

No	Type of room	Number of room	Area (m ²)
<i>I</i>	<i>University</i>		
	<i>Studying room</i>		
1	Meeting halls with over 200 seats	3	986
2	Computer room	16	826
3	Foreign language classroom	4	351.12
4	Multi-media room	4	440
5	Other classroom	132	39,275.88
	<i>Functional room</i>		
6	Library	18	3,955.7
7	Laboratories	293	18,191.8
8	Practice room/workshop	12	1,177.2
9	Gym facility	2	11,200
10	Administration building	66	3,269
	<i>Others</i>		
11	Dormitory	10	40,948.2

12	Stadium	6	18,100
II	Faculty		
1	Seminar room	1	100
2	Working room	12	505
3	Computer room	1	100
4	Reading room	1	100
5	Room for clubs (Start-up club, English club, Agricultural businessmen club)	1	50
6	Multimedia room (for group dicusion and project practices)	1	50
7	Room for agricultural product import-export and market development simulation	1	50
8	Institute of Economics and Development	1	50
9	Institute of Agricutural market and institution Research	1	50

APPENDIX 2
TEXTBOOKS AND LEARNING MATERIALS

Course code-name	Textbooks	Authors	Publisher	Year of publication
KT01000 – Geographical Economics	Economic Geography: a critical introduction	Barnes, Trevor J., and Christophers, Brett	Hoboken, NJ: John Wiley & Son.	2018
KT01003 – Group working skills	Group working skills	Quyen Dinh Ha, Do Thi Nhai, Nguyen Thi Phuong	Agricultural Publishing House, Hanoi, Vietnam	2021
KT01005 – Public Speaking	The Art of Public Speaking	Dale Carnegie	Clydesdale Press,	2018
KT01008 – Leadership and Decision-making skills	Lecture's note of Leadership and Decision-making skill	Nguyen Tuan Son	Dept. of Planning and Investment	2021
KT02001 – Microeconomics I	Textbook of Economics part I	Vu Kim Dung, Nguyen Van Cong	National Economics University Publishing House, Hanoi, Vietnam	2018
KT02002 – Macroeconomics I	Macroeconomics I	Nguyen Tat Thang, Tran Duc Tri	Agricultural Publishing House, Hanoi, Vietnam	2022
KT02005 – Principle of agricultural economics	Agricultural economics	Do Kim Chung	Agricultural Publishing House, Hanoi, Vietnam	2021
KT02006 – Principles of Economic Statistics	Statistics for Business and Economics	James T. McClave, P George Benson and Terry T. Sincich	New York: Prentice-Hall International, Inc	2017

Course code-name	Textbooks	Authors	Publisher	Year of publication
KT02009 – Research methods in Economics	Research Methods in Econonomics	Ho Ngoc Ninh	Dept. of Planning and Investment	2022
KT02011 – Mathematical Economics	Textbook of Mathematical Economics	Nguyen Tuan Son, Le Thi Long Vy, Do Truong Lam, Nguyen Anh Duc	Agricultural Publishing House, Hanoi, Vietnam	2020
KT02015 – Basic Econometrics	Lecture's note of Basic Econometrics	Pham Van Hung, Nguyen Thi Duong Nga, Duong Nam Ha, Tran The Cuong	Dept. of Quantitative Analysis	2021
KT02043 – Applied Informatics in Economics	Lecture's note of Applied Informatics in Economics	Le Ngoc Huong	Dept. of Quantitative Analysis	2022
KT03001 – Microeconomics II	Textbook of Economics part I	Vu Kim Dung, Nguyen Van Cong	National Economics University Publishing House, Hanoi, Vietnam	2018
KT03002 – Macroeconomics II	Macroeconomics 2	Nguyen Tat Thang	Agricultural Publishing House, Hanoi, Vietnam	2019
KT03003 – Investment Economics	Investments Analysis and Management 14th Ed	Jensen, Gerald R, Jones, Charles P.	Hoboken, NJ: John Wiley & Son.	2020
KT03007 – Natural Resource Economics	Resource Economics	Nguyen Van Song, Tran Thi Thu Trang et al.	Agricultural Publishing House, Hanoi Vietnam	2021
KT03008 – Environmental Economics	Foundations of Environmental Economics	Buchholz, Wolfgang, Rübbelke, Dirk	Springer Texts in Business and Economics	2019

Course code-name	Textbooks	Authors	Publisher	Year of publication
KT03010 – Human Resource Economics	Human resource Management	Tran Kim Dung	Financial Publishing House, Hanoi, Vietnam	2018
KT03012 – Labor Economics and Management	Labor relations	Vu Hoang Ngan & Vu Thi Uyen	National Economic University Publishing House, Hanoi, Vietnam	2019
KT03014 – Farm household economics	Agricultural economics	Do Kim Chung	Agricultural Publishing House, Hanoi, Vietnam	2021
KT03015 – Agricultural Extension Methods	Agricultural Extension Methods	Do Kim Chung	Agricultural Publishing House, Hanoi, Vietnam	2021
KT03017 – Rural Economy	Rural Economy	Nguyen Viet Dang et al.	Agricultural Publishing House, Hanoi, Vietnam	2021
KT03020 – Agricultural Policies	Public Policy	Do Kim Chung	Truth National Political Publishing House, Hanoi, Vietnam	2018
KT03024 – Economics of Trade and Services	Economics of Trade	Dang Dinh Dao	National Economic University Publishing House, Hanoi, Vietnam	2019
KT03028 – Development Economics	Development Economics	Nguyen Thi Minh Hien et al.	Agricultural Publishing House, Hanoi, Vietnam	2019

Course code-name	Textbooks	Authors	Publisher	Year of publication
KT03030 – Gender in Rural Development	Gender and Developement	Nguyen Thi Minh Hien, Mai Lan Phuong et al.	Agricultural Publishing House, Hanoi, Vietnam	2022
KT03031 – Project management	Project Management	Nguyen Thi Minh Hien, Mai Lan Phuong et al.	Agricultural Publishing House, Hanoi, Vietnam	2020
KT03040 – Production Economics	Economics of Farm Production and Management	V.T. Raju, D.V.S. Rao	Oxford & IBH Publishing Co Pvt. Ltd.	2017
KT03058 – Risk Management in Agriculture	Principles of Risk Analysis: Decision Making Under Uncertainty	Charles Yeo	CRC Press	2019
KT03067 – Agricultural product value chain	Lecture's note of Agricultural product value chain	Nguyen Thi Duong Nga	Dept. of Quantitative Analysis	2020
KT03069 – Principle of community development	Principle of community development	Mai Thanh Cuc, Quyen Dinh Ha et al.	Vietnam National University of Agriculture Publishing House	2019
KT03090 – Applied statistics for agriculture	Statistics and analysis of scientific data	Bonamente, Massimiliano	New York: Springer	2017
KT03091 – Internship in Agricultural Economics	Textbook of Resource Economics	Nguyen Van Song, Tran Thi Thu Trang	Vietnam National University of Agriculture Publishing House	2021

Course code-name	Textbooks	Authors	Publisher	Year of publication
KT03102 – Basic organization of agricultural extension	Organization of agricultural extension	Do Kim Chung	Vietnam National University of Agriculture Publishing House	2021
KT03103 – Development strategies and planning	Development strategies and planning	Mai Thanh Cuc, Mai Lan Phuong et al	Agriculture Publishing House, Hanoi	2021
KT03106 – Introduction of development in SouthEast Asia	Development Economics	Nguyen Thi Minh Hien et al.	Agriculture Publishing House, Hanoi	2019
KT03109 – Communication and Organization Behavior	Organizational behavior and management	Konopaske, Robert; Ivancevich, John M.; Matteson, Michael T.,	New York: Mc Graw Hill education	2018
KT03113 – Regional Economics	An Introduction to Regional Economics	Edgar M. Hoover, Frank Giarratani	West Virginia University Research Repository	2020
KT03114 – Economic Analysis of Agricultural Markets	Introduction to Agricultural Economics	Penson, J. B., Capps, O., Rosson, C. P., and Woodward, R. T.	Pearson	2018
KT03115 – Principles of rural development	Principles of rural development	Mai Thanh Cuc, Quyen Dinh Ha et al.	Agricultural Publishing House, Hanoi, Vietnam	2020
KT03126 – International Trade	Interantional trade	Hoang Van Than & Nguyen Van Tuan	National Economics University Publisher	2018
KT03127 - Trade and Development	International Trade: Theory and Policy, 11th edition	Paul R. Krugman, M. Obstfeld, & M. Melitz	Pearson Education, New York	2017

Course code-name	Textbooks	Authors	Publisher	Year of publication
KT03209 – Basic Public Economics	Economics of Public Issues	Miller, R. L., Benjamin, D. K. and, North, D. C.	Pearson Education, New York	2017
KT04991 – Graduation thesis of Agricultural Economics	Lecture note of Quanlitative Methodology in Rural and Agricultural Research	Nguyen Phuong Le	Agriculture Publishing House, Hanoi	2021

APPENDIX 3
LIST OF LECTURERS

Course code-name	Responsible Department	Lecturers				
		Full name (Title Academic Distiction)	Year of Birth	MSc. Degree Obtained in	PhD Degree Obtained in	Task (lecturer/ asisstant)
CN01007 – Introductory Animal production	Dept.of Animal production	Prof.Dr. Nguyen Xuan Trach	1958	Vietnam	Norway	Lecturer
CP03053 – Fundamental of Preservation and Processing for Agricultural Products	Dept. of Postharvest Technology	Dr. Vu Thi Kim Oanh	1976	Korea	Korea	Lecturer
KQ02014 – Principle of Accounting	Dept. of Financial Accounting	Dr. Tran Minh Hue	1978	Japan	Japan	Lecturer
KQ03035 – Agricultural Finance	Dept. of Finance	Dr. Hoang Si Thinh	1982	Australia	Japan	Lecturer
KQ03108 – Marketing of Agricultural products	Dept. of Marketing	Dr. Nguyen Hung Anh	1980	Philippines	Germany	Lecturer
KQ03111 – Agribusiness Management	Dept. of Marketing	Dr. Tran Thi Thu Huong	1979	Philippines	Germany	Lecturer
KQ03304 – Public Finance	Dept. of Finance	Dr. Bui Thi Lam	1985	Vietnam	Belgium	Lecturer
KQ03305 – Agricultural Financial Management	Dept. of Finance	Dr. Bui Thi Lam	1985	Vietnam	Belgium	Lecturer
KQ03383 – Financial accounting	Dept. of Financial Accounting	Dr. Tran Minh Hue	1978	Japan	Japan	Lecturer
KQ03411 – Cooperative and small business management	Business Management Department	Assoc. Prof. Dr. Bui Thi Nga	1976	Vietnam	Belgium	Lecturer
MI01005 – Ho Chi Minh's Ideology	Dept. of Social Science	Dr. Tran Le Thanh	1968	Vietnam	Vietnam	Lecturer
ML01009 – Introduction to Laws	Dept. of Law	Dr. Vu Van Tuan	1973	Vietnam	Vietnam	Lecturer
ML01020 – Philosophy of Marxism and Leninism	Dept. of Philosophy	Dr. Nguyen Dac Dung	1976	Vietnam	Vietnam	Lecturer
ML01021 – Political Economy of Marxism and Leninism	Dept. of Political Economy - Socialism	MA.Le Thi Kim Thanh	1974	Vietnam		Lecturer
ML01022 – Socialism	Dept. of Political Economy-Socialism	MA.Ha Thi Yen	1981	Vietnam		Lecturer
ML01023 – The history of Vietnamese communist party	Dept. of Political Sciences	MSc.Ha Thi Hong Yen	1984	Vietnam		Lecturer
ML03027 – Economic Law	Dept. of Law	Dr. Vu Van Tuan	1973	Vietnam	Vietnam	Lecturer
MT01008 – Enviromental Ecology	Dept. of Arog-ecology	Dr. Phan Thi Thuy	1973	Vietnam	Australia	Lecturer

Course code-name	Responsible Department	Lecturers				
		Full name (Title Academic Distiction)	Year of Birth	MSc. Degree Obtained in	PhD Degree Obtained in	Task (lecturer/ asisstant)
NH03090 – Basic of crop production	Dept. of Cultivation Sciences	Dr. Nguyen Thi Loan	1986	Russia	Russia	Lecturer
SN01016 – Introduction to Psychology	Dept.of Psychology	MA. Tran Thi Ha Nghia	1975	Vietnam		Lecturer
SN01032 – English 1	Dept. of Basic English	M.A. Nguyen Thi Huong	1990	Vietnam		Lecturer
SN01033 – English 2	Dept. of Basic English	Ms. Pham Thi Hanh	1989	Vietnam		Lecturer
SN03056 – English for Economics	Dept. of Basic English	M.A. Nguyen Thi Hoai	1991	New Zealand		Lecturer
TH01009 – Introduction to informatics	Dept. of Software Engineering	MSc. Đỗ Thị Nhâm	1987	Vietnam		Lecturer
TH01027 – Basic Mathematics for Economists 1	Dept. of Mathematics	Dr. Vu Thi Thu Giang	1985	Vietnam	Japan	Lecturer
TH01028 – Basic Mathematics for Economists 2	Dept. of Mathematics	Dr. Vu Thi Thu Giang	1985	Vietnam	Japan	Lecturer
KT01000 – Geographical Economics	Dept. of Resource and Environmental Economics	Dr. Ho Ngoc Cuong	1983	Vietnam	Philippines	Lecturer
KT01003 – Group working skills	Dept. of Rural Development	Dr. Quyen Dinh Ha	1979	Vietnam	Philippines	Lecturer
KT01005 – Public Speaking	Department of Agricultural Economics and Policies	Prof. Dr. Do Kim Chung	1956	Thailand	Thailand	Lecturer
KT01008 – Leadership and Decision-making skills	Dept. of Planning and Investment	Assoc. Prof. Dr. Tran Dinh Thao	1958	Philipine	Vietnam	Lecturer
KT02001 – Microeconomics I	Dept. of Economics	Dr. Nguyen Minh Duc	1978	Philipine	Australia	Lecturer
KT02002 – Macroeconomics I	Dept. of Economics	Dr. Ngo Minh Hai	1983	Japan	Japan	Lecturer
KT02005 – Principle of agricultural economics	Dept. of Agricultural Economics and Policies	Dr. Nguyen Viet Dang	1975	Thailand	Philippines	Lecturer
KT02006 – Principles of Economic Statistics	Dept. of Quantitative Analysis	Dr. Nguyen Thi Thu Huyen	1981	Australia	Vietnam	Lecturer
KT02009 – Research methods in Economics	Dept. of Planning and Investment	Dr. Ho Ngoc Ninh	1982		Philippines	Lecturer
KT02011 – Mathematical Economics	Dept. of Quantitative Analysis	Dr. Le Thi Long Vy	1976	Belgium	Belgium	Lecturer

Course code-name	Responsible Department	Lecturers				
		Full name (Title Academic Distiction)	Year of Birth	MSc. Degree Obtained in	PhD Degree Obtained in	Task (lecturer/ asisstant)
KT02015 – Basic Econometrics	Dept. of Quantitative Analysis	Assoc. Prof. Dr. Pham Van Hung	1963	Phillipines	Australia	Lecturer
KT02043 – Applied Informatics in Economics	Dept. of Quantitative Analysis	Dr. Le Ngoc Huong	1970	Vietnam	Vietnam	Lecturer
KT03001 – Microeconomics II	Dept. of Economics	Dr. Nguyen Minh Duc	1978	Philippines	Australia	Lecturer
KT03002 – Macroeconomics II	Dept. of Economics	Dr. Nguyen Thi Thu Quynh	1983	Australia	Vietnam	Lecturer
KT03003 – Investment Economics	Dept. of Planning and Investment	Dr. Nguyen Thi Minh Thu	1977	Vietnam	Vietnam	Lecturer
KT03007 – Natural Resource Economics	Dept. of Resource and Environmental Economics	Prof. Dr. Nguyen Van Song	1958	Philippines	Philippines	Lecturer
KT03008 – Environmental Economics	Dept. of Resource and Environmental Economics	Dr. Do Thi Diep	1985	Thailand	Vietnam	Lecturer
KT03010 – Human Resource Economics	Dept. of Resource and Environmental Economics	Assoc. Prof. Dr. Nguyen Mau Dung	1973	Vietnam	Japan	Lecturer
KT03012 – Labor Economics and Management	Dept. of Resource and Environmental Economics	Assoc. Prof. Dr. Nguyen Mau Dung	1973	Vietnam	Japan	Lecturer
KT03014 – Farm household economics	Department of Agricultural Economics and Policies	Dr. Luu Van Duy	1986	Thailand	Japan	Lecturer
KT03015 – Agricultural Extension Methods	Department of Agricultural Economics and Policies	Prof. Dr. Do Kim Chung	1956	Thailand	Thailand	Lecturer
KT03017 – Rural Economy	Dept. of Agricultural Economics and Policies	Assoc. Prof. Dr. Pham Bao Duong	1973	Japan	Japan	Lecturer
KT03020 – Agricultural Policies	Department of Agricultural Economics and Policies	Dr. Le Thi Thanh Loan	1985	Philippines	Japan	Lecturer
KT03024 – Economics of Trade And Services	Department of Agricultural Economics and Policies	Dr. Nguyen Viet Dang	1975	Thailand	Philippines	Lecturer

Course code-name	Responsible Department	Lecturers				
		Full name (Title Academic Distiction)	Year of Birth	MSc. Degree Obtained in	PhD Degree Obtained in	Task (lecturer/ asisstant)
KT03028 – Development Economics	Dept. of Rural Development	Dr. Tran Manh Hai	1982	Vietnam	Philippines	Lecturer
KT03030 – Gender in Rural Development	Dept. of Rural Development	Assoc. Prof. Dr. Nguyen Thi Minh Hien	1970	Thailand	Japan	Lecturer
KT03031 – Project management	Dept. of Rural Development	Dr. Mai Lan Phuong	1979	Belgium	Belgium	Lecturer
KT03040 – Production Economics	Dept. of Quantitative Analysis	Dr. Nguyen Huu Nhuan	1977	Australia	Australia	Lecturer
KT03058 – Risk Management in Agriculture	Dept. of Planning and Investment	Dr. Do Truong Lam		Philipine	Germany	Lecturer
KT03067 – Agricultural product value chain	Dept. of Quantitative Analysis	Assoc. Prof. Dr. Nguyen Thi Duong Nga	1976		Philippines	Lecturer
KT03069 – Principle of community development	Dept. of Rural Development	Assoc.Prof. Dr. Mai Thanh Cuc	1958	Vietnam	Philippines	Lecturer
KT03090 – Applied statistics for agriculture	Dept. of Quantitative Analysis	Dr. Nguyen Thi Thu Huyen	1981	Australia	Vietnam	Lecturer
KT03091 – Internship in Agricultural Economics	Dept. of Quantitative Analysis	Dr. Nguyen Anh Duc	1989	Australia	Australia	
KT03102 – Basic organization of agricultural extension	Department of Agricultural Economics and Policies	Dr. Nguyen Thi Thiem	1980	Thailand	Vietnam	Lecturer
KT03103 – Development strategies and planning	Dept. of Rural Development	Assoc.Prof. Dr. Mai Thanh Cuc	1958	Vietnam	Philippines	Lecturer
KT03106 – Introduction of development in South East Asia	Dept. of Rural Development	Dr. Do Thi Thanh Huyen	1980	Vietnam	Philippines	Lecturer
KT03109 – Communication and Organization Behavior	Dept. of Rural Development	Dr. Do Thi Thanh Huyen	1980	Vietnam	Philippines	Lecturer
KT03113 – Regional Economics	Dept.of Resource and Environmental Economics	Dr. Tran Thi Thu Trang	1984	Philippines	Philippines	Lecturer
KT03114 – Economic Analysis of Agricultural Markets	Dept. of Quantitative Analysis	Dr. Duong Nam Ha	1985	Germany	Australia	Lecturer

Course code-name	Responsible Department	Lecturers				
		Full name (Title Academic Distiction)	Year of Birth	MSc. Degree Obtained in	PhD Degree Obtained in	Task (lecturer/ asisstant)
KT03115 – Principles of rural development	Dept. of Rural Development	Dr. Tran Manh Hai	1981	Vietnam	Philippines	Lecturer
KT03126 – International Trade	Dept. of Economics	Dr. Nguyen Thi Thu Quynh	1983	Australia	Vietnam	Lecturer
KT03127 – Trade and Development	Dept. of Rural Development	Dr. Quyen Dinh Ha	1979	Vietnam	Philippines	Lecturer
KT03209 – Basic Public Economics	Dept. of Resource and Environmental Economics	Dr. Pham Thanh Lan	1980	Germany	Germany	Lecturer
KT04991 – Graduation thesis of agricultural economics	Faculty of Economics and Rural Development	Assoc. Prof. Dr. Nguyen Tuan Son	1962	Philippines	Philippines	Lecturer

APPENDIX 4

A MATRIX OF PROGRAM OBJECTIVES AND EXPECTED LEARNING OUTCOMES FOR BACHELOR OF AGRICULTURAL ECONOMICS

Specific program educational objectives	General knowledge		Professional knowledge		General skills		Professional skills		Ethics and Attitude	
	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10
PEO1	x	x	X	x	x	x			x	x
PEO2	x			x			x			x
PEO3	x							x	x	

APPENDIX 5

BENCHMARK OF EXPECTED LEARNING OUTCOME OF BACHELOR OF AGRICULTURAL ECONOMICS PROGRAM OF VIETNAM NATIONAL UNIVERSITY OF AGRICULTURE (VNUA), NATIONAL ECONOMICS UNIVERSITY (NEU), UNIVERSITY OF ECONOMIC HO CHI MINH CITY (UEH), THE UNIVERSITY OF SYDNEY, UNIVERSITY OF NEBRASKA-LINCOLN AND UNIVERSITY OF KENTUCKY

		Name of program: Agricultural Economics University: National Economics University Nation: Vietnam	Name of program: Agricultural economics and business University: University of Economic HCMC Nation: Vietnam	Name of program: Environmental , Agricultural and resource economics University: The university of Sydney Nation: Australia	Name of program: Agricultural economics University: University of Nebraska - Lincoln Nation: USA	Name of program: Agricultural economics University: University of Kentucky Nation: USA
1	KNOWLEDGE					
1.1	Generic knowledge					
PLO1	Apply knowledge of math, natural sciences, social sciences and understanding of contemporary issues to the agricultural economics field.	Basic knowledge of economics, management, business administration, agricultural economics, agricultural and rural management, agricultural and rural development		Demonstrate an understanding of the principles and theories of microeconomics and macroeconomics as they relate to environmental, agricultural and resource economics.		Economic theory is applied to problems concerning the production, marketing, and distribution of agricultural and food products and also to public

						policy and natural resource and environmental issues facing rural communities.
1.2.	Professional Knowledge					
PLO2	Evaluate solutions for agricultural economic development based on requirements for sustainable development and harmonization of interests of stakeholders.	Equipped with economic theoretical knowledge of specific material production industry: bio-economy. Knowledge of the general rules of agricultural development in the direction of industrialization, modernization, commodity production associated with domestic and international market demand; rationally allocate and use resources,	Graduates can apply advanced economic and business principles to work effectively at commercial banks, credit institutions, feed companies, and fertilizer companies. and agricultural supplies, food processing companies, and NGOs.	Demonstrate an ability to apply economic theory and methods to assess environmental issues and analyse agricultural and resource markets.	Understand, apply economic and business principles along with analytical methods to solve practical issues in food, agriculture business, communities and natural resources.	Deals with the entire 'farm-to-fork' food system, environmental and natural resources issues.

		achieve socio-economic efficiency, protect the ecological environment and develop sustainably				
PLO3	Develop strategies for sustainable agribusiness development in the context of globalization.	Having knowledge of organization, management and administration of agribusiness, understanding the specific characteristics of production and business activities; Equipped with knowledge of policies, analysis of agricultural and rural policies ; Mastering the scientific basis of views on rural economic-export development	Strong knowledge base in economics, finance, trade, and administration in the field of agriculture and agribusiness		Understand international practices and regulations which affect agriculture and the American domestic economy.	Deal with local and international economic development.

		and preserving and promoting cultural and communication values; Mastering the theoretical basis and methodology of rural economic structure, economic restructuring, rural development planning				
2.	SKILL					
2.1.	Generic skills					
PLO4	Apply critical thinking, creative thinking in solving problems of the agricultural economics	Ability to analyze, evaluate, plan and supervise the implementation of policies and strategies for agricultural and rural development; Professional problem-solving skills.		Demonstrate an ability to critically evaluate benefits and costs of alternative government policies related to environmental issues and agricultural and resource markets.		
PLO5	Collaborate effectively as a team member or leader, create a	Have organizational and teamwork skills				

	collaborative and inclusive environment, and create and implement work plans that meet goals.					
PLO6	Communicate effectively with multimedia, multiculturalism with academic and social stakeholders, employing negotiation skills in professional situations; proficient use of IT; achieve B1 English proficiency as prescribed by the Ministry of Education and Training.	Having communication skills, computer skills, achieving a foreign language level 3/6 of the 6-level foreign language competency framework for Vietnam	Students constantly improve their foreign language skills to easily work in an international integration environment or study at higher levels at universities abroad.			
2.1	Professional skills					
PLO7	Research successfully issues in the agricultural economics of economic organizations and state	Ability to analyze the market and organize production and business; Skilled in planning and building		Clearly communicate the results and implications of informed and sophisticated economic analysis applied to	Communicate effectively with managers, planners, policy makers through	Have a structured internship, independent research, entrepreneurial activity or education

	management at all levels.	investment projects for agricultural and rural development		environmental, agricultural and resource economics.	various forms of writing, electronic media, by individuals and groups.	abroad experience
PLO8	Implement Effectively the community education programs on policies, solutions for socio-economic development, science and technology in the agricultural and rural areas.	Having skills in analyzing, planning and organizing the implementation of assigned tasks in the fields of economy, society, agro-economics		Work independently and collaboratively to construct and defend a valid argument related to environmental, agricultural and resource economics.		
3.	ATTITUDE					
PLO9	Demonstrate professional ethics, responsibility for sustainable agricultural economic development.	Be ethical and professional; respect and obey the law; have a sense of organization and discipline; Enthusiastic and have a spirit of cooperation in work		Apply economic analysis to work and research in other relevant disciplinary communities.		
PLO10	Demonstrate the lifelong learning pursuit		Analytical thinking and tools to be able to			Have a wonderful head-start in the

	and the spirit of innovation.		independently solve problems in an ever-changing world			workplace and appreciation for the applied aspects of research for those who chose to continue in an academic career
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APPENDIX 6

A MATRIX OF COURSES AND EXPECTED LEARNING OUTCOMES

Note: I – Introduction; P – Practice; R – Reinforce; M – Master

Semester	Course code	Course name	General knowledge				Professional knowledge								General skills										Professional skills								Attitude				
			PLO1				PLO2				PLO3				PLO4				PLO5			PLO6			PLO7			PLO8				PLO9		PLO10			
			1.1	1.2	1.3	1.4	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2	4.3	4.4	5.1	5.2	5.3	6.1	6.2	6.3	6.4	6.5	7.1	7.2	7.3	8.1	8.2	8.3	8.4	9.1	9.2	10.1	10.2
1	ML01020	Philosophy of Marxism and Leninism			I									I														I					I				
1	KT01005	Public Speaking				I															I	I	I		I								I				
1	KT01000	Geographical Economics		I					I			I						I																	I		
1	TH01027	Basic Mathematics for Economists I	I					I						I				I																		I	
1	ML01009	Introduction to Laws				I									I	I																		P			
1	KT02001	Microeconomics I	P					I								I		I							I												I
1	KT02002	Macroeconomics I						I							I				I					I													P
2	ML01021	Political economy of Marxism and Leninism			P									I						P								P								P	

2	KT03069	Principle of Community Development						I		I				I	P										I	I				I		
2	TH01028	Basic Mathematics for Economists 2	P				P	I					P																		I	
2	TH01009	Introduction to informatics	I											P							I										P	
2	MT01008	Environmental Ecology		I										I	P															P		
2	SN01016	Introduction to Psychology			P								P						P			I								P		
2	KT01003	Group Working Skills			P									I	P	P														P		
2	KT02005	Principles of Agricultural Economics						P			P											I		P		P	I	I		P		
2	ML03027	Economic Law				P							P							P					I				P			
2	KT03001	Microeconomics 2					P							P		P																P
2	KT03109	Organizational Behavior							P					P					P	P	P									P		
3	NH03090	Basic of Crop Production		P									I												P					P		
3	SN01032	English 1			P														P				P								P	
3	CP03053	Fundamental of Preservation and Processing for Agricultural Products											I			P			P							P						P

3	KT02043	Applied Informatics in Economics					P		P									P		I					P			
3	KT02011	Mathematical Economics	R								I							P		I								P
3	KT02006	Principles of Economic Statistics					P		P	P			P													P		
3	KQ02014	Principles of Accounting					P		I			P			P										P			
3	KT03002	Macroeconomics II					P				P				P						P					P		
3	KT03106	Introduction to Development in SEA						P						P			P	P								P		
3	KQ03383	Financial Accounting							P		P			P						P					P			
3	KT03030	Gender in Rural Development						P		P				P									I					P
4	ML01022	Socialism			R							P		P			P										R	
4	CN01007	Introductory Animal Production									P			P										P			R	
4	KT02015	Basic Econometrics	M							R				P					R		P							P
4	SN01033	English 2			R												R			R							R	
4	KT01008	Decision Making and Leadership Skills						P							P		R			P						R		
4	KQ03035	Agricultural Finance					R		P										R									R
4	KT03008	Environmental Economics		R								P		R			R				P						R	

4	KT03024	Economics of Trade and Services					P						P					R							P						R	
4	KT03003	Investment Economics							P				P			R													R			
4	KT03028	Development Economics						P			P															P					R	
4	KT03114	Economic Analysis of Agricultural Markets						P		R					P									P	R					P		
5	ML01005	Ho Chi Minh ideology			R	R								P															R			
5	KT03090	Applied statistics for agriculture					M			M								M			R							R				
5	KT03067	Agricultural Product value chain						R							P			R							P		R				R	
5	SN03056	English for Agricultural Economics					P										M			M											R	
5	KT03015	Agricultural Extension Methods							R							R									M	R		P		R		
5	KT02009	Research Methods in Economics								M						R	R						P	R		R					R	
5	KQ03108	Marketing of Agricultural Products						R				R		R					M	R											R	
5	KT03126	International Trade						R					R							R											R	
5	KQ03304	Public Finance						M	R				R			P												R				
5	KQ03111	Agribusiness Management										R							R	R							R					R
5	KT03058	Risk management in Agriculture									R						R											R				R

6	ML01023	The history of Vietnamese Communist Party			M	R								R											R					R	
6	KT03014	Farm Households Economics							R			R		R																	R
6	KT03091	Internship							R				R		M		M	R						R	R					R	
6	KT03102	Basic Organzing Agricultural Extension								R						M										M		R	R		R
6	KT03012	Labor Economics and Management									R							M		R									R		
6	KQ03411	Cooperatives and Small Business Management									R							M	R												R
6	KQ03305	Agricultural Financial Management					M		R				R										R							R	
7	KT03020	Agricultural Policies				M					M					M								R			M			R	
7	KT03209	Basic Public Economics					R				R					M								R						R	
7	KT03007	Natural Resource Economics		M									R		R									R					R		
7	KT03031	Project Management						M					M			M	M										R	R			R
7	KT03010	Human Resource Economics					M					R					R							R							M
7	KT03103	Development Strategies and planning						M				M					M							R				M			M

7	KT03115	Principles of Rural Development						R		R						M		M					M	M	M		
7	KT03040	Production Economics							M	M					M											R	
7	KT03017	Rural Economy					M			R														M	M		
7	KT03127	Trade and Development						M		R						M						R				R	
7	KT03113	Regional Economics					M			M														M			M
8	KT04991	Graduation Thesis of Agricultural Economics							M			M	M	M	M							M	M	M		M	M

APPENDIX 7

LEARNING ROADMAP

