

**Ministry of Higher Education and Scientific Research
Tikrit University
College of Agriculture
Department of Agricultural Economics and Extension**



Academic Program and Course

2025-2026



Academic Program Description Form

University Name: Tikrit University

Faculty/Institute: College of Agriculture

Scientific Department: Department of Agricultural Economics and Extension

Academic or Professional Program Name: Bachelor of Science in Agriculture/Agricultural Economics and Extension

Final Certificate Name: Bachelor of Science in Agriculture/Agricultural Economics and Extension

Academic System: Season

Description Preparation Date: 1/9/2025

File Completion Date: 1/9/2025

Signature:

Head of Department Name:

professor Dr. Raad Muhammad Nada

Date: 1/9/2025

Signature:

Scientific Associate Name:

Professor Dr. Mohammed saleh Mohammed

Date:

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Professor Dr. Maysaloon Wail Ibraheem

Date: 14.9.2025

Signature:

Dr. Sami

Approval of the Dean

Dr. Sami Khader Saeed

14/9/2025

Introduction

The educational program is a coordinated and organized package of courses that includes procedures and experiences organized into course ,vocabulary. Its main purpose is to build and refine the skills of graduates making them qualified to meet the requirements of the labor market. It is reviewed and evaluated annually through internal or external audit .procedures and programs, such as the external examiner program

The academic program description provides a brief summary of the program's main features and courses, indicating the skills that students are working to acquire based on the academic program's objectives. The importance of this description is evident in that it represents the cornerstone for obtaining program accreditation, and it is written by the teaching staff under the supervision of the scientific committees in the .academic departments

This second edition of the guide includes a description of the academic program after updating the vocabulary and paragraphs of the previous guide in light of the developments and changes in the educational system in Iraq, which included a description of the academic program in its traditional form (annual, semester system), as well as adopting the generalized academic program description according to the Department of Studies' letter T M3/2906 dated 3/5/2023 with regard to programs that .adopt the Bologna Process as the basis for their work

In this regard, we cannot but emphasize the importance of writing descriptions of academic programs and courses to ensure the smooth .running of the educational process

Concepts and terminology:

Academic Program Description: The academic program description provides a concise summary of its vision, mission, and objectives, including an accurate description of the targeted learning outcomes according to specific learning .strategies

Course description: This provides a concise summary of the course's key features and expected learning outcomes, demonstrating whether the student has made the most of the available learning opportunities. It is derived from the program .description

Program Vision: An ambitious vision for the future of the academic program to be a .sophisticated, inspiring, motivating, realistic and applicable program

Program Mission: Briefly outlines the goals and activities necessary to achieve them .and identifies the program's development paths and directions

Program objectives: These are statements that describe what the academic program .intends to achieve within a specific time period and are measurable and observable

Curriculum structure: All courses/study materials included in the academic program ,according to the approved learning system (semester, annual, Bologna track) whether required (Ministry, University, College and Scientific Department), with the .number of study units

Learning outcomes: A consistent set of knowledge, skills, and values acquired by the student after the successful completion of the academic program. The learning outcomes for each course must be defined in a way that achieves the program's .objectives

Teaching and learning strategies are the strategies used by faculty members to enhance student teaching and learning. They are plans followed to achieve learning objectives. In other words, they describe all classroom and extracurricular activities aimed at achieving the program's learning outcomes

1. Program Vision

The Department of Agricultural Economics and Extension, with its available human resources, strives to prepare specialized scientific personnel who meet the demands of the labor market, and to ensure that these personnel excel in their respective fields by providing educational, research, and consulting services to the local community in the areas of agricultural economics and extension, in order to achieve self-sufficiency in agricultural products and sustainable agricultural development

2. Program message

The Department of Agricultural Economics and Extension, along with other departments, contributes to achieving the college's mission by supporting students with information, knowledge, and skills. The economic and social aspects related to the specialization, and the preparation of highly qualified graduates capable of contributing to the development and growth of the agricultural sector in Iraq. By disseminating and implementing knowledge of economic aspects and guidance programs within the local community

3. Program objectives
<p>1- Preparing highly competent graduates who can transfer their academic .experiences and knowledge to the agricultural masses in the countryside</p> <p>2- Conducting economic, financial, marketing and feasibility studies for .agricultural projects of all types</p> <p>3- Strengthening the link between the department and various state institutions through graduate student research that provides solutions to any agricultural .problem they face</p> <p>4- Serving the local community through guidance activities such as holding .scientific courses and seminars and providing consulting services</p> <p>5- Developing the performance of affiliates and increasing their scientific and practical efficiency through seminars, conferences, training courses, workshops .and other activities</p>

4. Program accreditation
ABET accredited by the Ministry of Higher Education and Scientific Research

5. Other external influences				
Infrastructure, financial and human resources				
6. Program Structure / Economics Branch				
* comments	Percentage	Study unit	Number of courses	Program structure
Basic	7.35	10	10	Institutional requirements
Basic	28.67	39	13	College requirements

Basic	63.98	87	34	Department requirements
				Summer training
				Other

.The notes may include whether the course is core or elective *

7. Program Structure / Guidance Branch				
* comments	Percentage	Study unit	Number of courses	Program structure
Basic	7.14	10	10	Institutional requirements
Basic	32.14	45	15	College requirements
Basic	60.72	85	31	Department requirements
				Summer training
				Other

8. Program Description				
Credit Hours		Course name	Course code	Year / Level
(Practical) 3	2 (Theoretical)	agricultural economy		First stage
(Practical) 3	2 (Theoretical)	mathematics		
(Practical) 3	2 (Theoretical)	Animal production		
(Practical) 3	2 (Theoretical)	Gardening basics		
(Practical) 3	2 (Theoretical)	field crops		
--	1 (Theoretical)	English language 1/		

) 1 (Theoretical)	rights		
(Practical) 3	---	Computers/1		
(Practical) 3	2 (Theoretical)	Social psychology		
(Practical) 3	2 (Theoretical)	rural community		
(Practical) 3	2 (Theoretical)	Soil principles		
(Practical) 3	2 (Theoretical)	Principles of Industries		
(Practical) 3	2 (Theoretical)	Agricultural mechanization		
---	1 (Theoretical)	English language /2		
(Practical) 3	---	Computers /2		
(Practical) 3	2 (Theoretical)	Partial theory		
(Practical) 3	2 (Theoretical)	Principles of Statistics		
(Practical) 3	2 (Theoretical)	Guiding principles		
(Practical) 3	2 (Theoretical)	Basics of prevention		
(Practical) 3	2 (Theoretical)	Poultry production		
(Practical) 3	---	Computers /3		
(Practical) 3	2 (Theoretical)	Vegetable production		
---) 1 (Theoretical)	English language /3		
(Practical) 3	2 (Theoretical)	Agricultural marketing		

(Practical) 3	2 (Theoretical)	adult education		
(Practical) 3	---	Computers /4		
----) 1 (Theoretical	Freedom and democracy		
(Practical) 3	2 (Theoretical)	Irrigation and drainage		
(Practical) 3	2 (Theoretical)	Health and Diseases		
(Practical) 3	2 (Theoretical)	Partial theory /2		/ Phase Three Economics
(Practical) 3	2 (Theoretical)	Macroeconomics /1		
(Practical) 3	2 (Theoretical)	Agricultural statistics methods		
(Practical) 3	2 (Theoretical)	Agricultural accounting		
(Practical) 3	2 (Theoretical)	farm management		
(Practical) 3	2 (Theoretical)	Mathematical economics		
---	2 (Theoretical)	Technology transfer		
(Practical) 3	2 (Theoretical)	Macroeconomics /2		
(Practical) 3	2 (Theoretical)	Production economics		
(Practical) 3	2 (Theoretical)	Agricultural cost accounting		
(Practical) 3	2 (Theoretical)	Banana basics		
---	2 (Theoretical)	Price Analysis		

---	2 (Theoretical)	monetary and fiscal policy		
---	1 (Theoretical)	English language /4		
(Practical) 3	2 (Theoretical)	Community development		/ Phase Three Economics
(Practical) 3	2 (Theoretical)	Technology transfer		
(Practical) 3	2 (Theoretical)	Guidance methods		
(Practical) 3	2 (Theoretical)	Economic insects		
(Practical) 3	2 (Theoretical)	Jungles and methods of combating them		
(Practical) 3	2 (Theoretical)	Groups and leadership		
(Practical) 3	2 (Theoretical)	Guidance tools and aids		
(Practical) 3	2 (Theoretical)	Guidance communication methods		
(Practical) 3	2 (Theoretical)	farm management		
(Practical) 3	2 (Theoretical)	Research methods		
(Practical) 3	2 (Theoretical)	agricultural pest control		
(Practical) 3	2 (Theoretical)	Banana basics		
----) 1 (Theoretical)	English language /4		
----	2 (Theoretical)	Agricultural development		

(Practical) 3	2 (Theoretical)	Standard Economics 1/		/ Phase Four Economics
----	2 (Theoretical)	Resource Economics		
(Practical) 3	2 (Theoretical)	grain crops		
----	2 (Theoretical)	agricultural policy		
----	1 (Theoretical)	Research methods and episodes		
----	1 (Theoretical)	Research project		
(Practical) 3	2 (Theoretical)	Financing and lending		
(Practical) 3	2 (Theoretical)	Standard Economics 2/		
(Practical) 3	2 (Theoretical)	Project evaluation		
----	2 (Theoretical)	agricultural planning		
----	2 (Theoretical)	foreign trade		
----	2 (Theoretical)	Economic thought and systems		
----	1 (Theoretical)	Research project		
(Practical) 3	2 (Theoretical)	Guidance environment		
(Practical) 3	2 (Theoretical)	Guidance training		
(Practical) 3	2 (Theoretical)	Guidance Management		
(Practical) 3	2 (Theoretical)	Program planning		

(Practical) 3	2 (Theoretical)	Theories of change	
-----	1 (Theoretical)	Graduation research	
(Practical) 2	---	episodes	
(Practical) 3	2 (Theoretical)	Evaluation of guidance programs	
(Practical) 3	2 (Theoretical)	Public Relations Guidance	
(Practical) 3	2 (Theoretical)	Guidance for women and rural youth	
(Practical) 3	2 (Theoretical)	Educational Psychology	
(Practical) 3	2 (Theoretical)	Agricultural extension programs	
(Practical) 2	----	episodes	
-----	1 (Theoretical)	Research project	

9. Expected learning outcomes of the program
Knowledge
1- To provide students with knowledge and understanding of everything related to the field of economics and agricultural extension 2- Knowledge of general principles in the field of agricultural engineering
Skills
Developing students' thinking and analytical skills and enabling them to apply what they have learned
Values
To enable the student to understand the ethical and professional issues and responsibilities in their field of specialization, to instill positive attitudes, and .to improve their ability to think rationally

10. Teaching and learning strategies

- 1- .The languages of instruction are Arabic and English
- 2- Teaching is conducted using the latest technological tools and audio-visual educational techniques
- 3- Field visits

11. Assessment methods

- 1 .(quiz) Surprise exams
- 2 .Monthly exams
- 3 .Reports
- 4 .Homework

12. Faculty

Faculty members

Faculty preparation		Academic title and certificate		Specialization		and the name Scientific title
lecturer	angel			private	general	
	angel	Master's	Assistant teacher	Agricultural guidance	Agricultural guidance	M. M. Yasmin Hatem Hassan Jumaa Al-Samarrai
	angel	PhD	assistant professor	Macroeconomics	agricultural economy	Dr. Najla Salah Madloul Ahmed
	angel	PhD	teacher	agricultural policy	Agricultural economy	M. M. Shahla Kamel Ismail Hamad Al-Abbasi
	angel	PhD	.Mr	Agricultural production economics	agricultural economy	Prof. Dr. Jadou Shehab Ahmed Ali Al-Jumaili
	angel	Master's	.Mr	Adopting agricultural innovations	Agricultural guidance	A. Mahmoud Hadith Jassim Malouh Al-Jumaili
	angel	Master's	.Mr	Transfer of agricultural technologies	Agricultural guidance	A. Majid Khalil Ali Mohsen Al-Zubaidi

	angel	PhD	.Mr	Agricultural production economics	agricultural economy	Prof. Dr. Yousry Tarek Bakr Hussein Al- Bajari
	angel	PhD	Mr	Agricultural marketing	agricultural economy	A. D. Firas Ibrahim Rahim Khaloufi Al-Lahibi
	angel	PhD	assistant professor	Agricultural development	agricultural economy	Prof. Dr. Muhammad Omar Sharif Hazza Al-Tikriti
	angel	PhD	teacher	Standard economy	agricultural economy	Dr. Omar Adel Jassim Mohammed Al- Ani
	angel	PhD	teacher	microeconomics	agricultural economy	Dr. Hashem Attallah Abdul Eid Al- Tai
	angel	PhD	assistant professor	Economics of Education	economy	Prof. Dr. Muhammad Kamil Abdullah Nasser Al-Azzawi
	angel	Master's	assistant professor	Transfer of agricultural technologies	Agricultural guidance	A. M. Raafat Riad Abdel Wahab Samir
	angel	PhD	teacher	Macroeconomics	agricultural economy	Dr. Munther Saber Mustafa Abdullah
	angel	PhD	teacher	Marketing Department	business management	Dr. Muhannad Abdul Karim Armidh Numan
	angel	Master's	Assistant teacher	Production economics	agricultural economy	M.M. Hadeel Faleh Hameed Mohammed Al- Shammari
	angel	Master's	Assistant teacher	Agricultural guidance	Agricultural guidance	M.M. Sarah Saeed Latif Hussein Al- Zubaidi
	angel	Master's	Assistant teacher	Guidance call	Agricultural guidance	M. M. Riyadh Saeed Hamoud Nassif Al-Obaidi
	angel	Master's	Assistant teacher	Agricultural guidance	Agricultural guidance	M. M. Bashar Awad Musa Khalaf Al-Dulaimi
	angel	PhD	Mr	Guidance Management	Agricultural guidance	Prof. Dr. Majid Hadi Saleh Mahal Al-Hamdani
	angel	PhD	teacher	Macroeconomics	agricultural economy	Dr. Elaf Taha Hamid Jassim Al- Douri
	angel	Master's	assistant professor	Guidance Management	Agricultural guidance	A. M. Ahmed Sakr Abdullah Hassan Al-Ajili
	angel	Master's	Assistant teacher	economy	economy	M. M. Mohammed Jassim Abdullah Mohammed Al- Jumaili
	angel	Master's	Assistant teacher	economy	economy	M. M. Saad Khalaf Mahous Hamad Al-Jubouri
	angel	Master's	assistant professor	Guidance training	Agricultural guidance	A.M. Maha Saeed Shadda Jumaa Al-Nasiri
	angel	Master's	Assistant Professor	Organizational theory and behavior	business management	A. M. Mazhar Abdullah Ahmed Abbas Al-Dulaimi
	angel	Master's	teacher	General Administration	General Administration	M.A. Ibrahim Mohammed Saleh Dhunoun Al-Jubouri

	angel	PhD	teacher	Macroeconomics	agricultural economy	Dr. Hadeel Ghaleb Hassan Mohammed Al-Douri
	angel	PhD	teacher	agricultural economy	agricultural economy	Dr. Manar Saleh Hamad Hassan Al-Obaidi
	angel	PhD	teacher	Adopting agricultural innovations	Agricultural guidance	Dr. Walid Sabbar Ayed Hassan Al-Shammari
	angel	PhD	teacher	microeconomics	agricultural economy	Dr. Maher Mustafa Shbeeb Ghadban
	angel	Master's	Assistant teacher	agricultural economy	agricultural economy	M. M. Tasneem Saad Yassin Latif Al-Tikriti
	angel	PhD	teacher	agricultural economy	agricultural economy	M. D. Imad Muzahim Muhammad Marmous
	angel	Master's	Assistant teacher	agricultural economy	agricultural economy	M. M. Nibras Rabee Shaker Mahmoud
	angel	Master's	Assistant teacher	agricultural economy	agricultural economy	M.M. Sarah Marbad Taha Bakr Al- Obaidi
	angel	Master's	Assistant teacher	Agricultural guidance	Agricultural guidance	M. M. Mahmoud Essam Suleiman Moussa
	angel	Master's	Assistant teacher	Agricultural guidance	Agricultural guidance	M. M. Amani Abbas Fadhil Aziz Al-Dulaimi
	angel	Master's	Assistant teacher	Agricultural guidance	Agricultural guidance	M. M. Safa Ayad Younis Mahmoud Al-Tikriti
	angel	Master's	Assistant teacher	Economic development and planning	economy	M. M. Hassan Haitham Ismail Abdul-Razzaq
	angel	PhD	teacher	Project evaluation	agricultural economy	Dr. Omar Baban Abdullah Salman Al- Jubouri
	angel	Master's	Assistant teacher	Agricultural guidance	Agricultural guidance	M. M. Khalaf Jassim Saleh Khalaf Al-Jubouri
	angel	Master's	Assistant teacher	agricultural economy	agricultural economy	M.M. Ali Ibrahim Ayash Muhammad Al- Jubouri
	angel	Master's	Assistant teacher	agricultural economy	agricultural economy	M.M. Sarah Lazem Mohammed
	angel	Master's	Assistant teacher	agricultural economy	agricultural economy	M.M. Sajid Nabil Abdulaziz Abdulkarim Al- Badri
	angel	Master's	Assistant teacher	Agricultural guidance	Agricultural guidance	M.M. Adnan Ali Ati
	angel	PhD	teacher	agricultural economy	agricultural economy	Dr. Arwa Osama Ibrahim Mohammed
	angel	PhD	teacher	agricultural economy	agricultural economy	M.M. Ruwaida Aziz Jajan
	angel	Master's	Assistant teacher	agricultural economy	agricultural economy	M.M. Amna Hamid Ma'youf

	angel	Master's	Assistant teacher	Agricultural guidance	Agricultural guidance	Omar Ali Daham Mohammed Al-Douri
	angel	Master's	Assistant teacher	agricultural economy	agricultural economy	Tariq Ziad Khalaf Hussein
	angel	Master's	Assistant teacher	agricultural economy	agricultural economy	Maher Taif Maher Hassan Al-Ghadiri
	angel	Master's	Assistant teacher	Agricultural guidance	Agricultural guidance	Rasha Raad Jaber Sakran Al-Nasiri
	angel	Master's	Assistant teacher	agricultural economy	agricultural economy	Nawaf Mu'ayyad Hamidi Jassim Al-Hamdani
	angel	Master's	Assistant teacher	agricultural economy	agricultural economy	Safaa Hafez Saleh Hammadi Al-Majma'i

Professional Development
Orienting new faculty members
– .Iraqi Ministry of Higher Education and Scientific Research (in all its details)
Professional development of faculty members
– Urging and encouraging faculty members to publish research, participate in conferences, seminars, workshops and training courses held in the field of general specialization, auditing or the field of academic work in general, and scientific .cooperation with various institutions inside or outside the country

13. Admission standard
According to the instructions of the Iraqi Ministry of Higher Education and Scientific Research

14. Key sources of information about the program
<p style="text-align: right;">Textbooks - Lecturers' lectures - The International Information Network - (Internet)</p>

15. Program development plan

- 1- .Attracting as many students as possible
- 2- .Increase field visits to government and private projects
- 3- Encouraging students to continue visiting the college or university .library
- 4- He urged students to take advantage of summer training .opportunities in government institutions
- 5- Improving research projects, whether at the level of doctoral theses and dissertations or graduation research
- 6- Increased cooperation with various scientific institutions inside and outside Iraq

Program Skills Plan															
Learning outcomes required from the program												Essential or optional	Course Name	Course code	Year / Level
Values			Skills				Knowledge								
Q4	Part 3	Part 2	Part 1	B4	B3	B2	B1	A4	A3	A2	A1				
√	√	√	√	√	√	√	√	√	√	√	√	essential	agricultural economy		First stage 2025-2026
√	√	√	√	√	√	√	√	√	√	√	√	essential	mathematics		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Animal production		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Gardening basics		
√	√	√	√	√	√	√	√	√	√	√	√	essential	field crops		
√	√	√	√	√	√	√	√	√	√	√	√	essential	English language /1		
√	√	√	√	√	√	√	√	√	√	√	√	essential	rights		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Computers/1		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Social psychology		
√	√	√	√	√	√	√	√	√	√	√	√	essential	rural community		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Soil principles		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Principles of Industries		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Agricultural mechanization		
√	√	√	√	√	√	√	√	√	√	√	√	essential	English language /2		

√	√	√	√	√	√	√	√	√	√	√	√	essential	Computers /2		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Partial theory		Phase Two 2025-2026
√	√	√	√	√	√	√	√	√	√	√	√	essential	Principles of Statistics		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Guiding principles		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Basics of prevention		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Poultry production		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Computers /3		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Vegetable production		
√	√	√	√	√	√	√	√	√	√	√	√	essential	English language /3		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Agricultural marketing		
√	√	√	√	√	√	√	√	√	√	√	√	essential	adult education		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Computers /4		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Freedom and democracy		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Irrigation and drainage		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Health and Diseases		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Partial theory /2		/ Phase Three Economics 2025-2026
√	√	√	√	√	√	√	√	√	√	√	√	essential	Macroeconomics /1		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Agricultural statistics methods		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Agricultural accounting		

√	√	√	√	√	√	√	√	√	√	√	√	essential	farm management		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Mathematical economics		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Technology transfer		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Macroeconomics /2		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Production economics		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Agricultural cost accounting		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Banana basics		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Price Analysis		
√	√	√	√	√	√	√	√	√	√	√	√	essential	monetary and fiscal policy		
√	√	√	√	√	√	√	√	√	√	√	√	essential	English language /4		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Community development		/ Phase Three Guidance 2025-2026
√	√	√	√	√	√	√	√	√	√	√	√	essential	Technology transfer		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Guidance methods		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Economic insects		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Jungles and methods of combating them		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Groups and leadership		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Guidance tools and aids		

√	√	√	√	√	√	√	√	√	√	√	√	essential	Guidance communication methods		
√	√	√	√	√	√	√	√	√	√	√	√	essential	farm management		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Research methods		
√	√	√	√	√	√	√	√	√	√	√	√	essential	agricultural pest control		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Banana basics		
√	√	√	√	√	√	√	√	√	√	√	√	essential	English language /4		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Agricultural development		/ Phase Four Economics 2025-2026
√	√	√	√	√	√	√	√	√	√	√	√	essential	Standard Economics /1		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Resource Economics		
√	√	√	√	√	√	√	√	√	√	√	√	essential	grain crops		
√	√	√	√	√	√	√	√	√	√	√	√	essential	agricultural policy		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Research methods and episodes		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Research project		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Financing and lending		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Standard Economics /2		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Project evaluation		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Agricultural planning		
√	√	√	√	√	√	√	√	√	√	√	√	essential	foreign trade		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Economic thought and systems		

√	√	√	√	√	√	√	√	√	√	√	√	essential	Research project		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Guidance environment		/ Phase Four Guidance 2025-2026
√	√	√	√	√	√	√	√	√	√	√	√	essential	Guidance training		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Guidance Management		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Program planning		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Theories of change		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Graduation research		
√	√	√	√	√	√	√	√	√	√	√	√	essential	episodes		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Evaluation of guidance programs		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Public Relations Guidance		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Guidance for women and rural youth		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Educational Psychology		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Agricultural extension programs		
√	√	√	√	√	√	√	√	√	√	√	√	essential	episodes		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Research project		

● Please check the boxes corresponding to the individual learning outcomes of the program that are subject to evaluation

