



Academic Program Description Form

University Name: **University of Mosul**

Faculty/Institute: **College of Agriculture and Forestry**

Scientific Department: **Department of Agricultural Economics**

Academic or Professional Program Name: **B.Sc.**

Final Certificate Name: **Agricultural Economy B.Sc.**

Academic System: **Semesters**

Description Preparation Date: **7/12/2025**

File Completion Date: **7/12/2025**

Signature:

Head of Department Name:

Prof. Asst. Dr. Zuwid Fathi Abd

Date: **7/12/2025**



Signature:

Scientific Associate Name:

Prof. Dr. Hamid Hamoud Ali

Date: **7/12/2025**



The file is checked by:

Director of the Quality Assurance and University Performance

Department: **Assistant Lecturer : Oday Abdulhadi Adday**

Quality Assurance Unit Head: **Asst. Dr. Ramia Amer Khalil**

Date: **7/12/2025**

Signature:

Approval of the Dean

Prof. Dr. Ali Farouq Al-Ma'athedi

1-Program Vision C .

The Department of Agricultural Economics seeks to develop agricultural economic concepts and achieve sustainable agricultural development through scientific research and practical applications, thus contributing to enhancing food security and achieving comprehensive economic development for the local and regional community.

2-Program message .

The Department of Agricultural Economics seeks to provide students with the economic knowledge and skills necessary to analyze and apply economic principles in the agricultural sector, through distinguished educational programs and advanced scientific research, which contributes to its role in resolving contemporary agricultural economic issues and promoting agricultural sustainability at all levels.

2-Program objectives .

- 1- To prepare specialized, trained, and scientifically competent cadres in the field of agricultural economics, capable of meeting the challenges of the profession and competing with their peers in serving the community and meeting the needs of the labor market.
- 2- To manage and utilize resources and address problems in agricultural establishments and projects efficiently and effectively in the field of agricultural economics within the framework of preserving natural resources, biodiversity, and sustainable development.
- 3- To analyze and evaluate agricultural business problems and administrative decisions using business software.
- 4- To possess the skills required to manage various types of agricultural businesses from farms to restaurants.
- 5- To be able to identify and use diagnostic tools to identify the major challenges affecting agricultural raw materials and processed food products.
- 6- To be able to formulate agricultural marketing plans and strategies for both general goods and specialized products.
- 7- To learn the economic aspects of agriculture and its relationship to resources and the environment, adopting environmentally sustainable approaches.
- 8- To develop a deeper understanding of issues in agriculture, analyze agricultural systems from an economic perspective, and provide advice on managerial decision-making.

4-accreditation Program .

5-External influences .

- ✓ Family problems facing students negatively affect students' performance in the .academic program
- ✓ Extracurricular activities help students achieve greater success in implementing .the academic program
- ✓ situation of students and their involvement in work to save The economic .money negatively affects their academic performance
- ✓ A student's learning efficiency from his preparatory studies is one of the most .performanceimportant indicators of excellence in the academic program's p

6-Program structure .

* comments	percentage	Study unit	Number of courses	Program structure
essential	12.03%	19	11	the requirements university
essential	16.46%	26	9	College requirements
essential	71.51%	113	34	Department requirements
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	%100			Other

.Notes may include whether the course is core or optional *

7-Program Description .

Year/Level	Course Code	Course Name	theoretical	practical	Credit	Course Type
2026-2025 First Class First semester (Fall)	PREC137	Principles of Economic1	2	3	4	Department Requirement
	PRAP114	Principles of Animal Production	2	3	4	College Requirement
	PRHS116	Principles of Horticultural Science	2	3	3	College Requirement
	MATH104	Mathematics	2	-	2	College Requirement
	ENGL101	English Language 1	2	-	2	University Requirement
	DEHR100	Democracy and Human Rights	2	-	2	University Requirement
Year/Level	Course Code	Course Name	theoretical	practical	Credit	Course Type
2026-2025 First Class Second semester (spring)	PREC138	principles of Economics 2	2	3	4	Department Requirement
	ECMA139	Economical Mathematics	2	3	4	Department Requirement
	PRPP117	Principles of Plant Protection	2	3	3	College Requirement
	PRFC112	Principles of Field Crops	2	3	3	College Requirement
	PAEX206	Principles of agricultural extension	2	-	2	College Requirement
	COMA103	Computer Application I	-	3	2	University Requirement
	ARAL102	Arabic Language 1	2	-	2	University Requirement

Course type	Units	Working hours	Theoretical hours	Material symbol	material Study In Arabic	Year /Level
Department requirement	4	3	2	MIET248	Microeconomic Theory 1	second stage First fall semester – 2025) (2026
College requirements	3	3	2	STAT109	count	
College requirements	3	3	2	PRFI111	Food industry principles	
College requirements	3	3	2	PRSS113	Principles of Soil Science	
Department requirements	4	3	2	SOFF415	Soil fertility and fertilizers	
University requirement	2	-	2	COMA203	Computer Applications 2	
University requirement	2	-	2	ARAL102	Language 2	
University requirement	2	-	2	CBAP200	Crimes of the * defunct Baath Party	
Course type	Units	Working hours	Theoretical hours	Material symbol	Study material In Arabic	Year /Level
Department requirement	4	3	2	MIET249	Microeconomic Theory 2	second stage Second spring semester – 2025) (2026
Department requirement	4	3	2	AGST250	agricultural statistics	
Department requirements	3	3	2	PRPD227	Principles of Ban	
Department requirement	3	3	2	HSHC405	Harvesting and storing horticultural produce	
Department requirements	4	3	2	AGME207	Agricultural machinery and equipment	

Department requirement	2	-	2	RUSO251	rural community	
University requirement	2	-	2	ENGL201	English 2	

Course type	Units	Working hours	Theoretical hours	Material symbol	Study material In Arabic	Year /Level
Department requirement	3.5	3	2	MAET385	Macroeconomic Theory 1	Stage 3 First fall semester – 2025) (2026
Department requirement	3.5	3	2	MAET386	accounting principles	
Department requirement	3.5	3	2	AGCR387	Agricultural financing and lending	
Department requirement	3.5	3	2	AGMA442	agricultural marketing	
Department requirement	2.5	3	1	REME388	Research methods	
Department requirement	3.5	3	2	ECAP389	Agricultural production economics	
University requirement	2		2	ENG401	English Language 3	
Course type	Units	Working hours	Theoretical hours	Material symbol	Study material In Arabic	Year /Level
Department requirement	3.5	3	2	MAET390	Macroeconomic Theory 2	Stage 3 Second spring semester – 2025) (2026
Department requirement	3.5	3	2	AGAC391	Agricultural Accounting	
Department requirement	3	-	3	AGCO392	agricultural cooperation	
Department requirement	3.5	3	2	FAWM393	farm business management	

Department requirement	3.5	3	2	OPRE394	Operations Research	
Department requirement	3	-	2	ENEC395	Environmental Economics	
University requirement	2		2	COMA303	Computer applications3	

Course type	Units	Working hours	Theoretical hours	Material symbol	Study material In Arabic	Year /Level
Department requirement	3.5	3	2	ECNM486	Econometrics 1	Stage Four First fall semester (2025 – 2026)
Department requirement	3.5	3	2	AGPE487	Calendar 1	
Department requirement	3	-	3	AGDE488	agricultural development	
Department requirement	3.5	3	2	REEC490	Natural Resource Economics	
Department requirement	3.5	3	2	INTR491	foreign trade	
University requirement	1.5	3	-	REPR402	Graduation Research Project 1	
Course type	3	Working hours	Theoretical hours	Material symbol	Study material In Arabic	Year /Level
Department requirement	3.5	3	2	ECNM492	2 Econometrics	Stage Four Second spring semester - 2026)
Department requirement	3.5	3	2	AGPE493	Agricultural Projects Calendar 2	
Department requirement	3	-	3	AGUR494	agricultural planning	

Department requirement	3	-	3	WOEC495	Labor economy	(2025)
Department requirement	3.5	3	2	PRAN496	Price analysis	
University requirement	1	-	1	SEM404	seminars	
University requirement	1.5	3	-	REPR403	Graduation Research Project 2	
Department requirement	3	-	3	AGPO489	agricultural policy	

8-Expected learning outcomes .

knowledge and understanding	code
The student should be able to explain the principles of planning and implementing agricultural operations and know what is needed Market through supply and demand price analysis	A 15
what the market needs by The student should be able to compare .analyzing supply and demand prices	A 18
The student should be able to demonstrate the relationship between macroeconomics, microeconomics, and statistics in agricultural .production	A19
principles of planning and The student should be able to identify the implementing agricultural and industrial processes to produce safe and .quality food-high	A33

Skills

Mental (intellectual) skills	code
The student will be able to propose commercial production plans for food crops according to market systems by plant, animal and .evaluating the economic situation of the market and knowing its needs	B4
The student should be able to evaluate the economic situation of the .market by solving agricultural problems and knowing its needs	B8
The student should be able to scientifically analyze data and information related to agricultural problems to find the most .appropriate solutions	B13

The student should be able to classify the social and economic factors onomic efficiency of the agricultural that achieve the technical and ec .facility	B30
The student should be able to choose the best proposed alternatives to solve an agricultural problem to achieve maximum efficiency for the resources to agricultural facility and exploit the available natural .achieve sustainable agricultural development	B39
The student should be able to employ the scientific method in making .appropriate decisions to solve various horticultural problems	B43
The student should be able to solve problems using arithmetic, algebraic, geometric, statistical or computational methods.	B47
Professional (practical) skills	
Professional (practical) skills	code
study for The student should be able to conduct a feasibility .agricultural projects using multiple programs	C4
The student should be able to conduct applied research and use statistical programs in experimental design and data analysis in the .field of food and nutrition research	C9
able to apply the principles of econometrics to The student will be .agricultural projects within the framework of international trade	C15
The student should be able to collect data related to agricultural .phenomena and problems	C16
ers and other technologies to The student should be able to use comput communicate, measure, analyze, and solve problems related to forestry . science	C60
Communication and Information Technology Skills	
(Skills (General Skills	code
analyze and The student should be able to use computer programs to .display data and information in the agricultural field	D1
The student should be able to acquire the skills of planning, organizing, managing time, and leading groups in a satisfactory .manner	D5
colleagues in a team spirit, The student should be able to work with his .and be able to communicate with others	D7
The student should be able to keep pace with the requirements of the labor market by being familiar with modern developments in the field .of food sciences and human nutrition	D14
The student should be able to interpret quantitative information from formulas, graphs, tables, plans, simulations and visualizations, draw conclusions from that information and represent it symbolically,	D24

.visually and numerically	
values	
(Attitudes/Beliefs (Values, Autonomy, Responsibility	
The student should be able to contribute to spreading awareness among farmers and community members to reduce the use of agricultural pollutants	E4
responsibility of completing the The student must be able to bear the .work efficiently and be keen on professional ethics	E5

9-Teaching and learning strategies .

- ✓ Develop curricula in coordination with higher departments related to the .department
- ✓ are similar to the environment of The department develops curricula that .the community that the department serves
- ✓ Sending students to agricultural departments, agricultural directorates, or departments related to the department's specializations for the purpose of .conducting summer training

10-Evaluation methods .

- ✓ Conducting tests during the application period and directing questions to students to determine their understanding of the nature of the work .performed during the application period
- ✓ the semester to identify Conduct a research discussion at the end of .students' course choices
- ✓ Writing reports after the completion of the application period to determine the extent to which students were able to diagnose problems .and find solutions to them

11-Faculty .

Faculty members

Faculty preparation		Special requirements/skills (if any)		Specialization		Academic rank
lecturer	angel			private	general	
	2			2		.Mr
	5			5		assistant professor
	9			9		teacher
	5			5		Assistant Professor

Professional development

faculty members Orientation of new

- ✓ confidence, a positive attitude towards a culture of -Developing skills to enhance self quality and its requirements, enhancing a sense of responsibility, believing in the spirit of professionalism of teamwork and its role in achievement, and developing a sense and moral deterrent
- ✓ to ensure academic departments with and plans are coordinated Curricula evaluation . they meet labor market requirements
- ✓ .Possess student guidance and counseling skills
- ✓ materials according to quality specifications. The ability to produce educational .including curricula, media, lectures and educational supplies

Professional development for faculty members

- ✓ Developing educational skills by diversifying teaching methods, engaging practicing feedback, using educational technologies, and positively with and .focusing on developing students' intellectual and competitive skills
- ✓ Developing skills to address problems and phenomena affecting the educational process in college
- ✓ Developing the ability to evaluate curricula and plans in coordination with . labor market requirements academic departments to ensure they meet
- ✓ Developing the ability to measure the satisfaction of beneficiaries (faculty ity) with the educational and research members, students , and the commun process at the college
- ✓ Evaluating tests and student assessment methods, and preparing reports to follow up on their results

12- Acceptance Criteria .

- ✓ the Central Students are admitted to the college's programs centrally through Admissions Department at the Ministry of Higher Education and Scientific Research, according to the application channels approved by the Ministry
- ✓ Students are distributed to the department's program according to their grades and desires
- ✓ e physically and healthily fit based on the medical examination To b report
- ✓ The student's average is according to the minimum grades approved by the Ministry

13-The most important sources of information about the program .

- ✓ for the program is the minutes of the committee of The primary source of information experts from departments corresponding to the Department of Agricultural Economics, which is approved as a scientific body by the Committee of Deans of Faculties of Agriculture
- ✓ entific Committee and Department Council and approved by A study prepared by the Sci the College Council, which includes proposals for updating agricultural specializations and simulating three major internationally accredited similar scientific departments
- ✓ needs Local and regional market

14-Program Development Plan

A plan was developed to develop the program after studying the comments of the internal review by the faculty members, the quality assurance committees, the the external review of the ,department's academic committee, the department's council program, and the students' comments through analyzing the results of the students' questionnaires for the courses, the comments of the academic advisors, the analysis of re committee, and the the data of the questionnaires of the college's questionnai evaluation reports of the exam questions for all the program's courses, which are as follows

- ✓ Insufficient practical training
- ✓ There is no clear mechanism to help struggling students and motivate high achievers
- ✓ h university regulations governing the educational lack of familiarity wit process
- ✓ .do not match the normal distribution plan