

**Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department**



Academic Program and Course Description Guide

2024

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

Concepts and terminology:

Academic Program Description: The academic program description provides a brief summary of its vision, mission and objectives, including an accurate

description of the targeted learning outcomes according to specific learning strategies.

Course Description: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

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

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

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

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form

University Name:

Faculty/Institute:

Scientific Department:

Academic or Professional Program Name:

Final Certificate Name:

Academic System:

Description Preparation Date:

File Completion Date:

Signature:

Head of Department Name:

Date:

Signature:

Scientific Associate Name:

Date:

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date:

Signature:

Approval of the Dean

1. Program Vision

Program vision is written here as stated in the university's catalogue and website.

2. Program Mission

Program mission is written here as stated in the university's catalogue and website.

3. Program Objectives

General statements describing what the program or institution intends to achieve.

4. Program Accreditation

Does the program have program accreditation? And from which agency?

5. Other external influences

Is there a sponsor for the program?

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements				
Department Requirements				
Summer Training				
Other				

* This can include notes whether the course is basic or optional.

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical

8. Expected learning outcomes of the program	
Knowledge	
Learning Outcomes 1	Learning Outcomes Statement 1
Skills	
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3
Ethics	
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

9. Teaching and Learning Strategies
Teaching and learning strategies and methods adopted in the implementation of the program in general.

10. Evaluation methods
Implemented at all stages of the program in general.

11. Faculty					
Faculty Members					
Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
	General	Special		Staff	Lecturer

Professional Development

Mentoring new faculty members

Briefly describes the process used to mentor new, visiting, full-time, and part-time faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.

12. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether central admission or others)

13. The most important sources of information about the program

State briefly the sources of information about the program.

14. Program Development Plan

Program Skills Outline															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4

- Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

Course Description Form for Methods of agriculture technologies transfer

1. Course Name:	
Methods of agriculture technologies transfer	
2. Course Code:	
MTAT445	
3. Semester / Year:	
Spring semester/2024	
4. Description Preparation Date:	
5/4/2024	
5. Available Attendance Forms:	
Presence	
6. Number of Credit Hours (Total) / Number of Units (Total)	
5 hours (2 theoretical + 3 practical) / 3 units	
7. Course administrator's name (mention all, if more than one name)	
Name: Hassan Hamed Sekr Email:	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> - The learner should be able to define the concept of agricultural techniques - Knowing the stages of transferring agricultural technologies to application - Know the concept of the adoption process and its stages - Identify methods of transferring agricultural technologies - Differentiating between the process dissemination and the process of adopt agricultural technologies
9. Teaching and Learning Strategies	
Strategy	<ul style="list-style-type: none"> - Audio methods (teaching explanation of the topic) - Lecture style and writing on the board - Discussion lecture (question and answer) -Brainstorming -Field visits -Practical Training - Field project

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2Theoretical	A1: Mentions the history of the dissemination of agricultural techniques A1: He was destined to know publishing A2: Explains the concept of diffusion of agricultural innovations	History and concept of disseminating agricultural innovations	Lectures, audio media, rep pictures and other learn methods related to the less Lectures, audio media, rep pictures and other learn methods related to the less	Exams, reports, discussions, quizzes
	3 practical	B1 documents the beginning the traditional counseling meth B2: Explain the mechanisms applying the traditional couns method B4: Distinguish between determinants of the tradit counseling style	Recognizing the traditional heuristic method	Lectures, audio media, rep pictures and other learn methods related to the less Lectures, audio media, rep pictures and other learn methods related to the less	Exams, reports, discussions, quizzes
2	2Theoretical	A1: Defines the technological process B2: Explains the importance of technological process A2: Explains the steps of the technological process	The technological process its steps	Lectures, audio media, rep pictures and other learn methods related to the less Lectures, audio media, rep pictures and other learn methods related to the less	Exams, reports, discussions, quizzes
	3 practical	B1 documents the beginnings of the training and visiting metho B2: Explain the mechanisms for applying the training and visit method B4: Distinguish between the determinants of the traditional counseling style	Training and visit method	Lectures, audio media, rep pictures and other learn methods related to the less Lectures, audio media, rep pictures and other learn methods related to the less	Exams, reports, discussions, quizzes
3	2Theoretical	A1: Known as agricultural technology transfer cycle A5: Distinguish between the stages of transfer of agricultural technologies A5: Evaluates the role of agricultural extension in transferring technologies	Technology transfer course (the role of agricultural extension in disseminating and adopting modern agricultural technologies)	Lectures, audio media, rep pictures and other learn methods related to the less Lectures, audio media, rep pictures and other learn methods related to the less	Exams, reports, discussions, quizzes
	3 practical	B1 documents the beginnings of the agricultural systems research method B2: Explain the mechanisms for applying the agricultural systems research method B4: Distinguish between the determinants of the agricultural systems research method	Farm systems research method	Lectures, audio media, rep pictures and other learn methods related to the less Lectures, audio media, rep pictures and other learn methods related to the less	Exams, reports, discussions, quizzes
4	2Theoretical	C3: Explains what the standard means A2: Explains the criteria for selecting agricultural technology	Criteria for selecting modern agricultural technology	Lectures, audio media, rep pictures and other learn methods related to the less Lectures, audio media, rep pictures and other learn methods related to the less	Exams, reports, discussions, quizzes
	3 practical	B1 documents the beginnings of the style of development projects B2: Explain the mechanisms for applying the method of agricultural development projects	Method of development projects	Lectures, audio media, rep pictures and other learn methods related to the less Lectures, audio media, rep pictures and other learn methods related to the less	Exams, reports, discussions, quizzes

		B4: Distinguish between the determinants of the method of development projects		methods related to the less	
5	2Theoretical	A1: Knows the process of adopting agricultural technologies B4: Defines the stages of the process of adopting agricultural technologies B5: Evaluates the decision-making process with innovations	The process of adopting agricultural innovations (technologies) and its stages	Lectures, audio media, reports, pictures and other learning methods related to the less Lectures, audio media, reports, pictures and other learning methods related to the less	Exams, reports, discussions, quizzes
	3 practical	A2: Explains the problem C4: The report discusses the problem	Practical steps in solving a heuristic problem	Lectures, audio media, reports, pictures and other learning methods related to the less Lectures, audio media, reports, pictures and other learning methods related to the less	Exams, reports, discussions, quizzes
6	2Theoretical	A1: Knows planning and organization A3: Differentiate between implementation and follow-up A2: The evaluation is used in the extension program	Characteristics of good management for the transfer of agricultural technologies	Lectures, audio media, reports, pictures and other learning methods related to the less Lectures, audio media, reports, pictures and other learning methods related to the less	Exams, reports, discussions, quizzes
	3 practical	B2: Organizing a scientific visit A3: Discussing the visit with students	A field visit	Lectures, audio media, reports, pictures and other learning methods related to the less Lectures, audio media, reports, pictures and other learning methods related to the less	Exams, reports, discussions, quizzes
7	2Theoretical	A1: Mentions the importance of research and planning in the successful transfer of agricultural technologies A2: Explains the importance of qualification and information center in the success of technology transfer B2: Explain the importance of the role of productive institutions, discoveries, associations and organizations	Conditions for the successful transferring modern agricultural technologies	Lectures, audio media, reports, pictures and other learning methods related to the less Lectures, audio media, reports, pictures and other learning methods related to the less	Exams, reports, discussions, quizzes
	3 practical	A2: Explains the problem C4: The report discusses the problem	Solve a heuristic problem	Lectures, audio media, reports, pictures and other learning methods related to the less Lectures, audio media, reports, pictures and other learning methods related to the less	Exams, reports, discussions, quizzes
8	2Theoretical	A2 Identify the factors related to new technologies A2: What are the subjective factors related to the farmer? A1: Remember the factors related to the organizations transferring the new technology	Factors affecting the process of transfer and adoption of technologies	Lectures, audio media, reports, pictures and other learning methods related to the less Lectures, audio media, reports, pictures and other learning methods related to the less	Exams, reports, discussions, quizzes
	3 practical	B2: Organizing a scientific visit A3: Discussing the visit with student	Scientific field visit	Lectures, audio media, reports, pictures and other learning methods related to the less Lectures, audio media, reports, pictures and other learning methods related to the less	Exams, reports, discussions, quizzes
9	2Theoretical	A2: Explains the problems of transferring agricultural technologies	Problems of transfer of agricultural technologies	Lectures, audio media, reports, pictures and other learning methods related to the less Lectures, audio media, reports, pictures and other learning methods related to the less	Exams, reports, discussions, quizzes
	3 practical	A2: Learn about the role of agricultural extension in adopting technologies B2: Explains methods of	The role of agricultural extension in adopting agricultural techniques	Lectures, audio media, reports, pictures and other learning methods related to the less Lectures, audio media, reports, pictures and other learning methods related to the less	Exams, reports, discussions, quizzes

		persuading farmers to adopt agricultural techniques		methods related to the less	
10	2Theoretical	B2: Explain the meaning and concept of comparative advantage B2: Explain the relationship between the consistency of the idea with values and customs and the adoption of technologies	Advantages of agricultural innovations	Lectures, audio media, reports, pictures and other learning methods related to the lessons Lectures, audio media, reports, pictures and other learning methods related to the lessons	Exams, reports, discussions, quizzes
	3 practical	A2: Learn about the role of agricultural extension in adopting technologies B2: Explains methods of persuading farmers to adopt agricultural techniques	Ways of influence of the group on the ideas of farmers	Lectures, audio media, reports, pictures and other learning methods related to the lessons Lectures, audio media, reports, pictures and other learning methods related to the lessons	Exams, reports, discussions, quizzes
11	2Theoretical	A2: Explains the importance of opinion leadership in adopting technologies B3: Explains how to choose methods that influence farmers' ideas	Categories of adopters of agricultural technologies	Lectures, audio media, reports, pictures and other learning methods related to the lessons Lectures, audio media, reports, pictures and other learning methods related to the lessons	Exams, reports, discussions, quizzes
	3 practical	A2: Defines project requirements and phases B3: Executes the project phases	Designing agricultural technology projects	Lectures, audio media, reports, pictures and other learning methods related to the lessons Lectures, audio media, reports, pictures and other learning methods related to the lessons	Exams, reports, discussions, quizzes
12	2Theoretical	A1: Defines the change agent A2: Classifies the categories of adopters of agricultural technologies	Change agent	Lectures, audio media, reports, pictures and other learning methods related to the lessons Lectures, audio media, reports, pictures and other learning methods related to the lessons	Exams, reports, discussions, quizzes
	3 practical	A2: Explains the problem A4: The report discusses the problem	Solve a heuristic problem	Lectures, audio media, reports, pictures and other learning methods related to the lessons Lectures, audio media, reports, pictures and other learning methods related to the lessons	Exams, reports, discussions, quizzes
13	2Theoretical	A1: Knows the concept of opinion leadership A2: Explains methods for identifying opinion leaders : B1 explains the characteristics of an opinion leader	Opinion leadership and its impact on the dissemination of agricultural technologies	Lectures, audio media, reports, pictures and other learning methods related to the lessons Lectures, audio media, reports, pictures and other learning methods related to the lessons	Exams, reports, discussions, quizzes
	3 practical	A2: Determine project requirements and phases B3: How to implement the project stages	Design a development project	Lectures, audio media, reports, pictures and other learning methods related to the lessons Lectures, audio media, reports, pictures and other learning methods related to the lessons	Exams, reports, discussions, quizzes
14	2Theoretical	B2: Explains the concept of social change A4: Discuss the realities of social change A1: Mention the forms of social change	Social change	Lectures, audio media, reports, pictures and other learning methods related to the lessons Lectures, audio media, reports, pictures and other learning methods related to the lessons	Exams, reports, discussions, quizzes
	3 practical	A2: Explains the problem A4: The report discusses the problem	Solve a heuristic problem	Lectures, audio media, reports, pictures and other learning methods related to the lessons Lectures, audio media, reports, pictures and other learning methods related to the lessons	Exams, reports, discussions, quizzes
15	2Theoretical	A1: Known as agricultural development B1: Enumerate the factors that cause agricultural development B2: Explains the forms of agricultural development	Agricultural development	Lectures, audio media, reports, pictures and other learning methods related to the lessons Lectures, audio media, reports, pictures and other learning methods related to the lessons	Exams, reports, discussions, quizzes
	3 practical	A2: Explains the problem C4: The report discusses the problem	Solve a heuristic problem	Lectures, audio media, reports, pictures and other learning methods related to the lessons	Exams, reports, discussions, quizzes

				Lectures, audio media, rep pictures and other lear methods related to the less
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11–Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12–Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	<ul style="list-style-type: none"> - Al-Tanoubi, Muhammad Muhammad Omar (d) (1998), Agricultural Guidance Reference, Arab Renaissance House for Printing and Publishing, Beirut - Ghadeeb, Ali Ahmed. The size and importance of the problems of transferring agricultural technologies from the point of view of agricultural employees and farmers of irrigated areas in Nineveh Governorate. Doctoral thesis, College of Agriculture and Forestry - University of Mosul, 2006 - Al-Jubouri, Khattab Abdullah Muhammad (2006), ' adoption rate of yellow maize farmers for modern agricultural technologies and its relationship to socio-economic variables in the Hawija District in Kirkuk Governorate. Master's thesis, College of Agriculture and Forestry - University of Mosul.
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

