



Ministry of Higher Education and Scientific Research
Scientific Supervision and Evaluation Authority
Accreditation Department Quality Assurance and Academic
Accreditation Department



Academic Program and Course Description Guide
Field Crops Department
College of Agriculture/Samarra University

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Description Template Academic Program

Samarra University .. :University name...

.....Agriculture :College/Institute

.....Field crops :Scientific Department

..Name of academic or professional program: ... Bachelor of Field Crops.

.Bachelor of Science in Agriculture ...:e nameFinal certificat

Study system: quarterly

:Description prepared on1/3/2024

:Date the file was filled3/31/2025

Signature:

Name of Scientific Assistant: Prof.
Dr. Khaled Abdullah Sahar

Date: 31/7/2025

Signature:

Name of Department Head: Eng.
Mohammed Ali Abdullah

Date: 31/7/2025

The file was reviewed by
Performance Division University Quality Assurance and
Name of the Director of the University Quality Assurance and Performance Division:

Muhannad Nema Jabour

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Date: 31/7/2025

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D Blind .Approved by Mr

Prof. Dr. Khaled Abdullah Sahar

Date: 31/7/2025

1. Program Vision

academic education of to improve the quality strives Department The Field Crops and develop the student's ability to learn independently, conduct scientific research, life and apply it in practical

2. Program message

Preparing distinguished specialists who are scientifically and practically qualified in the fields and developing students' , in general and field crops in particular of agricultural sciences or market and conduct development so that they can compete with others in the lab-self applied scientific research and how to use technology in advanced agricultural fields that contribute effectively to achieving the state's plan for agricultural development, while d the community locally and regionally activating positive interaction between the college an . to serve the agricultural sector and develop the environment

3. Program objectives

providing a suitable ,Preparing qualified personnel in various agricultural disciplines developing the college's scientific programs in and ,environment for students and teachers .light of contemporary scientific trends education, continuing education, and the periodic –Attention should be given to self e research and development of current and future curricula, taking into account progress in the r .academic field and global quality requirements Thinking and analytical skills that enable students and graduates to solve emerging problems in the field of agricultural sciences, specifically related to field crops and basic .g to local and international standardssciences, accordin The move towards blended learning

development that enable graduates to compete with others in –Skills in application and self the job market

ic researchEncouraging faculty members in the department to produce innovative scientific and participate in local and international scientific conferences, specialized seminars, and .general seminars

. Understanding field crop cultivation methods and integrated field management methods cal and economic problems in The field of Using appropriate technology to address techni . agriculture

4. Program accreditation

.accreditation seeking He is

5. Other external influences

Ministry of Higher Education and Scientific Research

6. Program Description				
Credit Hours		Course name	Course code	Year / Level
practical	theoretical			
3	2	Organic Chemistry	USAGFi1101	First /2025-2024 (Chapter One)
3	2	general plant	USAGFi1103	First /2025-2024 (Chapter One)
	2	computer	USAGFi1113	First /2025-2024 (Chapter One)
	2	mathematics	USAGFi1105	First2024-2025 (Chapter One)
	2	Engineering drawing	USAGFi1107	2025-2024First (Chapter One)
3	2	Fundamentals of Soil Science	USAGFi1106	First /2025-2024 (Chapter One)
	2	Human rights and democratic freedom	USAGFi1104	2025-2024First / (Chapter One)
3	2	field crops	USAGFi1208	First /2025-2024

				(Chapter Two)
3	2	Animal production	USAGFi1209	2025-2024 First / (Chapter Two)
3		Plant chemistry	USAGFi1210	First /2025-2024 (Chapter Two)
	3	agricultural economy	USAGFi1211	First /2025-2024 (Chapter Two)
3	2	flat area	USAGFi1212	First /2025-2024 (Chapter Two)
	2	English language	UOS-12011	First /2025-2024 (Chapter Two)
	2	Arabic	UOS-1102	First /2025-2024 (Chapter Two)

7. Expected learning outcomes of the program

Knowledge

The ability to apply the knowledge and skills acquired from the program during professional practice in the workplace.
Detailed knowledge and understanding of a wide range of interconnected agricultural sciences and how they are and how they are interconnected within the overall field crops management process within the overall.

Understands basic applied sciences and sciences related to agriculture
Explains the fundamentals of engineering Agricultural science and its applications in agricultural operations
Division of the plant kingdom, and the dependency of crops The agricultural work for her family, Specifications:
Anatomy The morphology of basic agricultural crops. It explains plant growth requirements and growing conditions. Optimal crop production Agricultural
Explaining the relationship between agricultural production nmental systems and enviro systems

Skills

<p>and propose problems The ability to analyze agricultural - and to appreciate the necessity of ' appropriate solutions . sustainable development other and clients Ability to communicate effectively with - .And editorially verbally professionals</p>	<p>He analyzes agricultural -^١ problems and suggests appropriate Analyzing and . solutions for them evaluating agricultural facilities , and developing appropriate plans .development for their It applies, distinguishes, and -^٢ you connects The information And it is suggested that ... learned Plans for the commercial . production of agricultural crops</p>
<p>The ability to participate confidently and successfully in - and communicate effectively with projects agricultural . stakeholders relevant Recognizing the necessity of national and global - . sustainable development to learn and The ability to understand multiple viewpoints - . from acquired experiences</p>	<p>The ability to apply agricultural -^٣ concepts and skills Acquired from . contexts it in diverse The ability to take responsibility -^٤ and work independently , and the ability to understand multiple . points of view .And working effectively in a team Selecting appropriate crop -^٥ varieties, according to climatic conditions The surrounding environment, land quality , and .water</p>
<p>Values</p>	
<p>nstrate a deep understanding of the concepts and Demo principles of field crop science and the specific theories that serve the students' precise disciplines and help them .apply the acquired specialized knowledge</p>	<p>Commitment to -^١ By excellence in education integrating modern information Strategies and techniques Effective, Continuous and diligent evaluation of the outputs of .the educational process To instill the concept of -^٢ creativity in students by creating a .stimulating learning environment</p>
<p>Refining students' skills and knowledge to help them ng a stimulating achieve their academic goals and creati scientific environment that helps students achieve .excellence</p>	<p>and Ethical leadership -^٣ integrity and commitment to ethical practices -Demonstrating self -4 confidence, leadership genuine and , abilities</p>

	partnership with individuals Civil society organizations
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8. Teaching and learning strategies

Its connection to the vision, mission, and goals of the Field Crops Department and the -
College of Agriculture
learning strategy Teamwork or cooperative -
Method of delivering lectures -
Discussion strategy
. strategy
Motivating students to attend scientific conferences, seminars, and workshops -
The strategy of using visual aids such as using display screens to show scientific films and -
PowerPoint presentations
Strategy brainstorming -
Critical thinking strategy in learning Which aims to present a problem and then analyze it
.logically to reach the required solution

9. Evaluation methods

(practical tests , oral tests • Tests (daily , monthly , final semester -
Effective feedback
Performance evaluation
Reports and studies
Homework
Graduation projects
Observation -
Field training -

10. Faculty

Faculty members

Faculty preparation		Special requirements/ (skills (if any	Specialization		academic rank
lecturer	angel		private	general	
	١		General	engineering	assistant

			Mechanics		professor
	1		Educational technology	Computer Science	assistant professor
	1		parasites	Life Sciences Education	Professor Doctor
	1		field crops	agriculture	Professor Doctor
	1		Fish production	Animal production	Assistant teacher
	1		Plant classification and anatomy	Life Sciences	Assistant teacher
	2		Plant dissection	Life Sciences	Assistant teacher
	1		Language/Grammar	Arabic language	Assistant teacher
	1		Political Science	Master's	Assistant teacher
	1		economy	agriculture	Assistant teacher
	1		Microbiology	Life Sciences	Assistant teacher
	1		field crops	agriculture	Assistant teacher
	1			Education / Life Sciences	Assistant teacher
	1		Inorganic Chemistry	Chemistry	Assistant teacher
	1		economy	agriculture	Assistant teacher
	1		desertification	Applied	Assistant

				Geography	teacher
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11. Professional Development

Orienting new faculty members

To help the new faculty member adapt practically and psychologically, and to alleviate anxiety –
 .the college's work and activities that may hinder their participation and integration into
 in college programs in the The faculty member's familiarity with the professional development –
 .order to have an active role in them
 to enable him to contribute to the college Introducing the scientific research programs in the –
 .research processes therein
 and managing the educational .Developing the skills of faculty members in teaching, learning –
 .process

Professional development of faculty members

And the techniques related to provide faculty members with more knowledge and skills To –
 To .service community and .research scientific .teaching in practicing his professional roles
 performance improve his
 and . Conferences .and workshops training courses Providing them with opportunities to attend –
 community institutions For local affiliated and Activities Programs involvement in
 research scientific to conduct them Encouraging –
 and recognizing all creative efforts Rewarding
 Encouraging teamwork

12. Admission standard

for morning studies admission
 for evening studies based on GPA and competition application
 families of martyrs Applications submitted through the channels designated for the –

13. Key sources of information about the program

- Books and resources issued by the Ministry of Higher Education and Scientific Research
- Internet -
- Iraqi university websites -
- Courses and workshops organized by the Ministry of Higher Education and Scientific Research

14. Program development plan

- Regular monitoring of data and reports from quality improvement teams and taking into account the opinions of faculty and students management, and
- implementation of e 'Continuous measurement of work performance -
- leveraging advancements in electronic communication systems
- training in specific skills and their application in scientific and practical fields
- Continuous and developing the quality of Rewarding and recognizing all creative efforts in improving the academic program
- and staying informed about all that is new
- Using diverse teaching methods -
- specialization to the related institutions to Field visits -
- scientific reports
- Preparing discussion panels and ' ars
- Attending workshops, scientific semin
- Holding scientific exhibitions -
- Monitoring the students' situation and their interaction with developments -
- Monitoring the development of curricula and their suitability with modern information and -
- ketthe needs of the labor mar

