

University of Samarra

College of Agriculture

Science Department of Food



First Cycle – Bachelor's degree (Agricultural sciences) - Field Crops



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1- Mission & Vision Statement

-Vision

The Department of Field Crops seeks to improve the quality of academic education and develop the student's ability to self-learning and scientific research and its application in working life

- Message

1. Preparing distinguished and scientifically and practically qualified specialists in the fields of agricultural sciences in general and field crops in particular
2. Self-development for students to be able to compete with others in the labor market
3. Conducting applied scientific research
4. How to use technology in advanced agricultural fields that contribute effectively to achieving the country's agricultural development plan
5. Activating positive interaction between the college and the community locally and regionally to serve the agricultural sector and develop the environment.

2-Program Specification

240	ECTS	Agricultural	- Bachelor of
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		Engineering	Agricultural Sciences
Full-time	Attendance and departure	4 Years + 8 Courses	Duration of study

3- Program (Objectives) Goals

Preparation of qualified staff in various agricultural specialties, Providing the appropriate climate for students and teachers, paying attention to self-education and continuing education Developing scientific programs at the college in light of contemporary scientific trends. Developing students' planning skills, and doing multiple activities that lead to giving them various new experiences. Directing to blended education and developing curricula periodically and in accordance with research and academic progress and international quality requirements. Thinking and analysis skills that enable students and graduates to solve problems in the field of agricultural sciences and according to local and international standards Use skills and self-development that enable graduates to compete with others in the labor market Encouraging faculty members of the department to produce innovative scientific research and participate in local and international scientific conferences and specialized and general seminars. Understanding the methods of growing field crops and methods of integrated field management. Use appropriate technology to address technical and economic problems in agriculture. Project-based learning strategy to help students Linking content to real life

4-Program Student learning

The learning outcomes of the Field Crops Department determine the knowledge and skills that the student must acquire after completing his studies in this specialization. These outputs include the following aspects:

1. Knowledge and understanding Knowledge of the basics of field crop science, including classification, growth, and development.
2. Knowing the impact of environmental factors on crop production.
3. Understand the basics of crop management in terms of fertilization, irrigation, and pest control.
4. Familiarity with crop improvement and hybridization techniques to increase productivity.
5. Knowledge of sustainable agriculture systems and associated environmental challenges.

Scientific and technical skills

- 1- Application of modern technologies in the cultivation and production of field crops.
- 2- Soil analysis and identification of crop needs for nutrients
- 3- Use of crop growth simulation programs and models to predict productivity.
- 4- Assess the impact of climate change on crops and develop adaptation strategies.
- 5- Design and conduct of field experiments and analyze their results

5- Academic Staff

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6-Credits, Grading and GPA

Credits

University of Samarra -College of Agriculture is following the Bologna Process with the European Credit Transfer System (ECTS) credit system. The total degree program number of ECTS is 240, 30 ECTS per semester. 1 ECTS is equivalent to 25 hrs. student workload, including structured and unstructured workload.

Grading

Before the evaluation, the results are divided into two subgroups: pass and fail. Therefore, the results are independent of the students who failed a course. The grading system is defined as follows:

GRADING SCHEME مخطط الدرجات				
Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C - Good	جيد	70 - 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 - 49)	FX – Fail	راسب - قيد المعالجة	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
Note:				
Number Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.				

Calculation of the Cumulative Grade Point Average (CGPA)

- The CGPA is calculated by the summation of each module score multiplied by its ECTS, all are divided by the program total ECTS.

CGPA of a 4-year B.Sc. degree:

$$CGPA = [(1st^{th} \text{ module score} \times ECTS) + (2nd^{th} \text{ module score} \times ECTS) + \dots] / 240$$

7-Modules

Semester 1 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
USAGFi1101	كيمياء عضوية	75	45	5	B	
USAGFi1107	الرسم الهندسي	45	27	3	B	
UOS-1101	الحاسوب	45	27	3	B	
UOS-12012	حقوق الانسان والحرية والديمقراطية	30	17	2	B	
USAGF1102	نبات عام	75	95	7	C	

USAGFi1105	رياضيات	45	77	5	S	
USAGFi1106	اساسيات علم التربة	75	45	5	C	

Semester 2 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request
USAGFi1212	المساحة المستوية	64	36	4	S	
UOS-12011	اللغة الانكليزية	17	33	1	B	
UOS-1102	اللغة العربية	17	33	2	B	
USAGFi1208	محاصيل حقلية	80	95	7	C	
USAGFi1209	انتاج حيواني	80	45	5	C	
USAGFi1211	اقتصاد زراعي	48	52	4	S	

Semester 3 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 4 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 5 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 6 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 7 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

Semester 8 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type	Pre-request

8- Contact

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