

University of Samarra

College of Agriculture

Department of Horticulture and landscaping



Samarra University

Faculty of Agriculture

Department of Horticulture and landscaping

First Cycle – Bachelor's degree (Agricultural sciences-
Horticulture and landscaping)

Bachelor of Agricultural Sciences - Horticulture and
landscaping

جامعة سامراء - كلية الزراعة



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1. Vision

The department seeks to prepare distinguished agricultural engineers in the fields of horticultural sciences and landscape engineering through enhancing the quality of teaching and elevating the scientific level of students, in order to achieve excellence and quality in purposeful applied scientific research.

2. Mission.

- 1. The Department Presidency seeks to meet the needs of society for scientific cadres in the agricultural field.*
- 2. Developing agricultural skills in various fields and enhancing graduates' capabilities in accordance with international standards.*
- 3. Conducting research and studies using modern methods and employing advanced technology in developed horticultural fields, as well as developing horticultural services and projects in accordance with the state's agricultural development plan.*
- 4. Cooperating with research institutions and centers to solve all problems facing the modern agricultural sector.*
- 5. Raising farmers' awareness of the importance of food security through communication between the college and the community locally and regionally to serve the agricultural sector, and providing scientific and technical consultation and expertise to the public and private sectors.*

1. Program Specification

Bachelor of Agricultural Sciences	B.Sc. Horticulture	ECTS	240
Duration of the study:	4 levels, 8 Semesters	Attendance and departure	Full Time

2. Department Program Description

The Department Program Description provides a brief summary of the course characteristics and the expected learning outcomes that students are required to achieve, demonstrating whether they have fully benefited from the available learning opportunities. Accordingly, the program aims to prepare distinguished horticultural cadres within quality standards that meet labor market requirements, contributing to the advancement of the agricultural sector and the achievement of food and environmental security through the application and dissemination of scientific knowledge.

3. Objectives

- 1. Graduating agricultural engineers in accordance with scientific standards that keep pace with developments in reputable universities within the specialization of Horticulture and Landscape Engineering, capable of contributing to sustainable agriculture, food and environmental security, and meeting labor market requirements.*
- 2. Adopting academic programs and educational curricula that focus on the scientific and practical skills of Horticulture and Landscape Engineering students in order to build their personalities, train them in selecting their courses, prepare them for the labor market and self-learning, and apply quality standards to improve performance in education, scientific research, and community development.*
- 3. Directing scientific research toward applied aspects and linking it to comprehensive development plans to address problems in the horticultural and landscape engineering sectors through the development and use of modern technologies in scientific research.*
- 4. Graduating scientifically qualified cadres in Horticultural Sciences and Landscape Engineering that contribute to strengthening sustainable development and are capable of formulating agricultural economic policies and future plans for the agricultural sector.*
- 5. Adopting community service through joint scientific cooperation to find solutions to the problems faced by the horticulture and landscape engineering sectors within the public and private agricultural sectors*

through collaborative research, conferences, seminars, workshops, and training courses.

4. Learning Outcomes

- 1. The student should be aware of and understand the responsibility of advancing the agricultural sector and be capable of contributing to sustainable agriculture and meeting labor market requirements.*
- 2. Activating the student's role in research and development within the curriculum through the periodic development of current courses in line with advancements in global academic and research fields.*
- 3. Applying the results of recent research in Horticulture and Landscape Engineering to produce economically valuable fruit, vegetable, and ornamental crops using modern and sustainable methods.*
- 4. Enabling the student to conduct scientific research and studies aimed at contributing to solving agricultural problems, developing agricultural systems, and serving the community.*
- 5. Enabling the student to participate in training and qualification programs for workers in the agricultural sector.*
- 6. Cooperating with all institutions, public bodies, companies, and agricultural enterprises.*



5. Academic Staff

N o.	Name	Title	Degree	General Specialization	Fine Specialization	Academic Email	Status
1	Khalid Abdullah Sahar	Pro. Dr.	PhD	Agriculture	Soil	Khalid.a.s@uosamarra.edu.iq	Permanent
2	Adeeb Jassim Abbas	Pro. Dr.	PhD	Agriculture	Plant Tissue	adib_alahbaby@tu.edu.iq	Secondment
3	Ghassan Zaid Mureef	Assit. Lec.	Master's	Agriculture	Agriculture	ghasan.zaid.m@uosamarra.edu.iq	Permanent
4	Youssef Ahmed Nayef	Pro. Dr.	PhD	Agriculture	Animal Production	atyaf.m@uosamarra.edu.iq	Secondment
5	Atyaf Mahmoud Shukr	Assit. Lec.	Master's	Arabic Language	Teaching Methods	atyaf.m@uosamarra.edu.iq	Permanent
6	Zainab Riyadh Salem	Assit. Lec.	Master's	Agriculture	Agricultural Economics	Zenab.r.sa@uosamarra.edu.iq	Permanent
7	Daham Badri Abdul-Hadi	-	High Diploma	Agriculture	Horticulture	daham.b@uosamarra.edu.iq	Permanent
8	Mohammed Ghaeb Faris	Assit. Lec.	Master's	Agriculture	Medicinal Plants	Mohammed.g.fa@uosamarra.edu.iq	Permanent
9	Ali Ahmed Ali	Assit. Lec.	Master's	Education	General Plant	ali.a@uosamarra.edu.iq	Permanent
10	Mohanad Anwar Azzawi	-	High Diploma	Agriculture		-	Permanent
11	Tiba Mohammed Ali	Assit. Lec.	Master's	Education	Psychology	teba.m@uosamarra.edu.iq	Permanent
12	Samar Youssef Saadoun	Assit. Lec.	Master's	Agriculture	Horticulture	Samar.y@uosamarra.edu.iq	Permanent
13	Hussain Wasmi Ghameil	Assit. Lec.	Master's	Agriculture	Agricultural Extension	-	Permanent
14	Namariq Ahmed Mahdi	Assit. Lec.	Master's	Agriculture	Agricultural Extension	-	Permanent
15	Asmaa Naji Hajjaj	Assit. Lec.	Master's	Agriculture	Agricultural Extension	-	Permanent
16	Moaj Wahib Abdullah	Assit. Lec.	Master's	Education/ Life Sciences	Botany	-	Permanent
17	Farouq Fouad Abdul Wahab	Assit. Lec.	Master's	Education/ Life Sciences	Environment	Farooq.fouad@uosamarra.edu.iq	Permanent
18	Ali Faisal Aziz	Assit. Lec.	Master's		Soil	-	Permanent

6- Credits , Grading and GPA.

Credit Hours The Faculty of Agriculture at the University of Samarra adopts the Bologna Credit Hour System (ECTS). The total number of credit hours in a degree program is 240 credit hours, with an average of 30 credit hours per semester. One credit hour is equivalent to 25 hours of workload, including structured and unstructured workload. Evaluation Before the evaluation, the results are divided into two subgroups: Pass and Fail. Hence, the results do not depend on the students who failed in any course. The evaluation system is defined as follows:

GRADING SCHEME				
Grading Charts				
Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A - Excellent	Privilege	90 - 100	Outstanding Performance
	B - Very Good	Very Good	80 - 89	Above average with some errors
	C - Good	Good	70 - 79	Sound work with notable errors
	D - Satisfactory	Medium	60 - 69	Fair but with major shortcomings
	E - Sufficient	Acceptable	50 - 59	Work meets minimum criteria
Fail Group (0 - 49)	FX – Fail	Deposits - In Process	(45-49)	More work required but credit awarded
	F – Fail	Fail	(0-44)	Considerable amount of work required
Note:				
Decimals above or below 0.5 will be rounded to the highest or lowest full sign (for example, 54.5 will be rounded to 55, while 54.4 will be rounded to 54). The University has a zero-tolerance policy for "near-success failures", so the only adjustment to the marks awarded by the original proofreaders would be the automatic rounding described above.				

Calculating GPA

Calculation of the Cumulative Grade Point Average (CGPA)

The cumulative GPA is calculated by adding the grades of each unit multiplied by its European points, and then the total is divided by the total points of the ECTS program. Cumulative GPA for the 4-year

Bachelor of Science degree:

$$\text{GPA} = [(\text{First Module Grade} \times \text{ECTS}) + (\text{Second Module Grade} \times \text{ECTS}) + \dots] / 240$$

1. Curriculum/Modules

Semester 1 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	Type
UOS-12011	English	33	17	2	B
UOS-1101	Computer	48	27	3	B
USAGHL1103	Engineering Drawing	63	37	4	C
USAGHL1104	General Blant	93	57	6	C
USAGHL1105	Agricultural Economics	62	38	4	S
USAGHL1106	Soil Principles	93	57	6	S
USAGHL1107	Principle of Food Industries	78	47	5	C
المجموع		470	280	30	

Semester 2 | 30 ECTS | 1 ECTS = 25 hrs

Code	Module	SSWL	USSWL	ECTS	نوع المادة
USAGHL1208	Field Crops Principles	86	39	5	C
USAGHL1209	Animal Production Principles	90	35	5	C
USAGHL1210	Organic Chemistry	92	33	5	B
USAGHL1211	Agricultural Machinery and Equipment	96	79	7	C
USAGHL1212	Mathematics	62	38	4	S
UOS-12012	Freedoms and Human Rights	33	17	2	B
UOS-1102	Arabic Language	33	17	2	B
Total		492	258	30	

2 - Contact

Program Manager:

Ghasan Zaid Muraif | Master of Agriculture | Assistant Lecturer

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Program Coordinator:

Mohammed Ghaieb Farris | Master's degree in agriculture | Assistant Lecturer In agriculture.

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