



تفاصيل البرنامج اواحد			
Soil sciences and water resources	Agilma77	Program ID	رمز البرنامج
MSc. In Soil sciences and water resources		Program name	اسم البرنامج
Agriculture and Forestry		College Name	الكلية
Soil sciences and water resources		Department Name	القسم
<u>Master's Program in Soil and Water Resources Sciences</u>		Program URL	الموقع الالكتروني للبرنامج
Masters		Degree Name	اسم الدرجة
Bachelors	Bachelors	Study Level	مستوى الدراسة
Masters ✓	Masters		
PHD	MPA		
	PHD		
Full-time✓	Full-time	Course Intensity	نوع الكورس
Part-time	Part-time		
On campus	On campus	Study Mode	طبيعة الدراسة
Online	Online		
Blended ✓	Blended		
		MBA Program Type	
			تفاصيل البرنامج
Agricultural Science	- Arts and Humanities - Engineering - Business & Management - Life science and Medicine - Natural science - Social science	Broad Subject Area	الموضوع العام
Soil sciences and water resources		Main Subject :	الموضوع الرئيسي
		Custom Subject	الموضوع اذا لم يكن مذكور
Bachelors of Agricultural Science /Soil sciences and water resources		Specialization	الاختصاص
Master of Soil sciences and water resources ✓			
Ph.D. in Soil sciences and water resources			
Program Vision Leadership and excellence in the fields of soil sciences, water resources and the environment, and specialization in solving the problems of deterioration of calcareous and saline soils, as well as solving the problems of water scarcity in Iraq	10 كلمة كحد اعلى -	Program Description	وصف البرنامج



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Program Mission

The Department of Soil Sciences and Water Resources contributes to conducting various studies on soils in the country, the quality of surface and groundwater, and estimating their suitability for irrigation, especially in the soils of the northern regions, with the aim of increasing soil productivity, maintaining and improving it. This is done by preparing specialized cadres in soil sciences and water resources for bachelor's, master's and doctoral levels, as well as by conducting applied research in the fields of soil fertility, fertilization, irrigation, soil surveying and classification, and contributing to international and local scientific agricultural conferences

Objectives of the Department of Soil Sciences and Water Resources Program:

- 1- Qualifying specialized scientific cadres who are trained and have scientific competencies in the field of soil sciences and water resources, able to face the challenges of the profession and compete with their peers in serving the community and meeting the needs of the labor market.
- 2- Developing a modern, stimulating educational environment equipped with the latest technologies and advanced equipment that enables the student to compete, innovate and excel, and creates in him the desire to continue continuous learning, self-development, skills and the ability to develop performance, work within a team and make decisions in the field of soil sciences and water resources. Qualifying cadres familiar with agricultural legislation, legal and social issues, commitment to work ethics and quality management related to agricultural fields, especially those related to food sciences.
- 3- Qualifying cadres familiar with agricultural legislation, legal and social issues, commitment to



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work ethics and quality management related to agricultural fields, especially those related to soil sciences and water resources, possessing skills in the fields of language and computer use, and developing their abilities to use the scientific and practical method in research in the field of food sciences and contributing to solving related agricultural problems.

4- Managing and employing resources and dealing with problems in agricultural facilities and projects efficiently and with good performance in the field of soil sciences and water resources within the framework of preserving natural resources, biodiversity and sustainable development.

5- Possess skills in the fields of language and computer use and develop their abilities to use the scientific and practical method in research in the field of soil sciences and water resources and contribute to solving related agricultural problems.

6- Can analyze the ways in which humans, plants and soil interact with the general environment in order to enhance the conservation of natural resources and protect the environment.

7- Uses scientific foundations and appropriate technology in inventorying and dividing lands and determining their use patterns and evaluates the characteristics of soil and water and determines appropriate agricultural use patterns under different environmental conditions and with conditions to preserve soil from deterioration and water from pollution for a clean and sustainable environment.

8- Can study wetland systems and methods of restoring them, lakes, rivers and groundwater and their interconnectedness and learn about public policies related to water and its quality.



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9- Gain knowledge and skills related to the origin, classification and maintenance of lands and solving related problems with the aim of increasing productivity.

10- Able to use modern methods and analytical approaches in planning and implementing fertilization programs and utilizing land and water units in a sustainable concept, controlling waste and reducing pollution to obtain an environmentally safe agricultural product.

11- Able to evaluate and manage regulated water resources and their suitability for irrigation in a way that achieves agricultural economic development, preserves biodiversity and sustains resources.

12- Able to apply the principles of statistics and logical analysis in monitoring and analyzing problems related to water resources, soil and agricultural land defects and developing appropriate solutions for them.

13- Reclaims and cultivates desert lands or lands affected by salts, sodicity and calcareous, and contributes effectively to increasing production capacity under different environmental conditions and maintains high soil fertility and prevents it from deterioration.

14- Uses modern scientific methods for organic and organic agriculture to reach a safe agricultural product, and proposes various programs for mineral, organic and organic fertilization within the conditions of preserving the soil and environment and regulating water.

15- Familiar with the effects of human activity on the environment and techniques for rehabilitating damaged soil and water systems and improves the use of methods for treating soil and water contaminated with metals and pesticides.



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16- Able to manage nutrients in agricultural production projects and familiar with the fertilizer industry.			
17- Able to explore, manage, and maximize groundwater storage and methods for treating contaminated groundwater.			
18- Addresses the problems of drought, erosion, floods, water shortages and land degradation that endanger food production			
https://uomosul.edu.iq/	-	University Official Website	موقع الجامعة الالكتروني
Field.ag@uomosul.edu.iq	-	Get more details (email)	بريد الكتروني للاستفسار
1-What is the vision of the program? 2-What is the main objective of the program? 3-How does the program contribute to the development of students' skills? 4-Why is professional ethics important in the program? 5-How does the program deal with environmental challenges?	-	Question 1/5	خمسة اسئلة عن البرنامج
1-The vision of the program is to achieve excellence and advancement in academic education, leadership in community service, and quality in scientific research in the fields of field crops. 2-The program aims to contribute to sustainable development by qualifying specialized agronomists capable of working in the field crops sector. The 3-program provides a modern learning environment equipped with the latest technology, encouraging students to innovate, self-learn and develop their practical skills. 4-The program promotes the importance of ethical practices and quality management in the agricultural sector to ensure the professionalism of students in their future assignments. 5-The program focuses on the optimal use of agricultural techniques while preserving natural	-	Answer 5/1	خمسة اجوبة عن البرنامج



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resources, contributing to a clean and sustainable environment.			
- 13 Units for 1 st semester. - 14 Units for 2 nd semester. - 9 Units for thesis. This brings the total to 36 units during the program.	-	Duration Unit :	الوحدات
- Credit Hours - Hours - Days - Weeks ✓ - Months - Years	- Credit Hours - Hours - Days - Weeks - Months - Years	Duration Type	نوع البرنامج
September		Start Month-	بداية البرنامج (شهر)
Day: 30 th	يوم	Application Deadline	موعد انتهاء التقديم للبرنامج
Month: October	شهر		
Year: 2024	سنة		
IQD ✓ USD ✓ GBP EUR	USD GBP EUR	Fees Currency :	العملة
		Price Information	معلومات الاجور
EEntry Requirements متطلبات الدخول للكورس			
Quiz – Mid-term – Final		Exam Type:	نوع الامتحان
Nothing		Entry Requirements (Other) :	متطلبات اخرى
M.Sc. for Parallel (6750000 IQD).		Min Total Tuition Fees (Domestic) :	الحد الأدنى لإجمالي الرسوم الدراسية (المحلية):
M.Sc. for Parallel (7500000 IQD).		Max Total Tuition Fees (Domestic) :	الحد الأقصى لإجمالي الرسوم الدراسية (المحلية):
M.Sc. for Parallel (6750000 IQD).		Min Total Tuition Fees (Domestic, In State) :	الحد الأدنى لإجمالي الرسوم الدراسية (المحلية، داخل الولاية):
M.Sc. for Parallel (7500000 IQD).		Max Total Tuition Fees (Domestic, In State)	الحد الأقصى لإجمالي الرسوم الدراسية (المحلية، داخل الولاية):
M.Sc. for Parallel (6750000 IQD).		Min Total Tuition Fees (Domestic, Out of State)	الحد الأدنى لإجمالي الرسوم الدراسية (المحلية، خارج الولاية)



M.Sc. for Parallel (7500000 IQD).		Max Total Tuition Fees (Domestic, Out of State) :	الحد الأقصى لإجمالي الرسوم الدراسية (المحلية، خارج الولاية):
4500 USD		Min Total Tuition Fees (International) :	الحد الأدنى لإجمالي الرسوم الدراسية (الدولي):
5000 USD		Max Total Tuition Fees (International) :	الحد الأقصى لإجمالي الرسوم الدراسية (الدولي):
IQD		Tuition Fee - Currency :	الرسوم الدراسية - العملة :
Yes ✓ No	نعم ام لا	Are candidates required to submit references or letter(s) of recommendation for acceptance?	هل يتعين على المرشحين تقديم مراجع أو خطابات توصية للقبول؟
Yes	نعم ام لا	Are candidates required to submit an essay (s) for acceptance?	هل يتعين على المرشحين تقديم مقال (مقالات) للقبول (بروبوزال)؟
10 Years		Minimum Professional Experience (in years) :	الحد الأدنى من الخبرة المهنية (بالسنوات):
Financial Aid الدعم المالي			
Yes	نعم ام لا	Is there a school sponsored scholarship or financial aid?	هل هناك منحة دراسية أو مساعدات مالية ترعاها الكلية أو القسم؟
Nothing		Annual school budget scholarships :	ميزانية الكلية أو القسم السنوية لجميع المنح الدراسية:
USD ✓	USD EUR GBP	Currency :	العملة
- Free. Semi-Free		Scholarship Information	معلومات المنحة
Pprogram Statistics احصائيات البرنامج			
According to the Department's plan		Students per Class :	الطلاب لكل فصل :
22 – 45 years old for M.Sc.		Average age (in years) :	معدل عمر الطلبة
15 years		Average years of work experience at managerial level :	متوسط سنوات الخبرة في العمل على المستوى الإداري:
10%	%	Percentage of internation	نسبة الطلبة الاجانب



Not Specified	%	students : Percentage of women :	نسبة الاناث
70 – 100%		Average GMAT score for Your cohort :	معدل درجات التخرج
Not Specified		Average salary after graduation :	متوسط الراتب بعد التخرج :
Not Specified	%	Percent employment after graduation :	نسبة التوظيف بعد التخرج :
Nill		Program accreditations :	اعتمادات البرنامج (الاعتمادية)
51 Years		Average work experience (in years) :	متوسط الخبرة العملية (بالسنوات):
Nill		Number of nationalities current cohort :	الجنسيات في وجبة التخرج الحالي :

Campus Details تفاصيل الكلية او القسم

Soil sciences and water resources		Institution Profile Name Display :	اسم الكلية او القسم
1973		Foundation Year :	سنة التأسيس
 	200px x 200px 400KB كحد اقصى	Current Logo :	شعار الكلية او القسم