

تفاصيل برنامج الماجستير			
		Program ID	رمز البرنامج
	Degree of Master in Chemistry / Physical Chemistry	Program name	اسم البرنامج
	College of Science	College Name	الكلية
	Chemistry	Department Name	القسم
	<a href="http://nosul.edu.iq/science/wp-content/uploads/sites/12/2026/01/QS_MSc_Physical_Chemistry_department.pdf">nosul.edu.iq/science/wp-content/uploads/sites/12/2026/01/QS_MSc_Physical_Chemistry_department.pdf</a>	Program URL	الموقع الإلكتروني للبرنامج
	Master Degree of Chemistry	Degree Name	اسم الدرجة
	Post graduate (M.Sc.)	Study Level	مستوى الدراسة
	Taught and research based on academic years, divided into 2 semesters in the first year in addition to one year of scientific research	Course Intensity	نوع الكورس
	Full Time	Study Mode	طبيعة الدراسة
	The department does not offer an MBA program	MBA Program Type	
			تفاصيل البرنامج
	Chemistry	Broad Subject Area	الموضوع العام
	<b>The First course of Physical Chemistry:</b>  <b>١. Biochemistry.</b> <b>٢. Industrial Chemistry</b> <b>٣. Inorganic Chemistry</b> <b>٤. Analytical Chemistry</b> <b>٥. Organic Chemistry</b> <b>٦. Physical Chemistry</b>		Main Subjects:
	<b>The second course for M.Sc. Students of Physical Chemistry</b>  <b>١- Surface Chemistry</b>		

	<ul style="list-style-type: none"> <li>٢- Computational Chemistry</li> <li>٣- Molecular Interactions.</li> <li>٤- Research Methodology.</li> <li>٥- English</li> <li>٦- Instrumental Methods of Analysis.</li> <li>٧- Nanotechnology</li> </ul>		
		Custom Subject	الموضوع اذا لم يكن مذكور
	<p>This specialization focuses on applying principles and techniques of <b>Physical Chemistry</b> to train professionals who support solving chemical problem</p>	Specialization	الاختصاص
	<p>The <b>Chemistry Department</b> at the <b>University of Mosul</b> is one of the leading scientific departments in Iraq, offering postgraduate programs in various fields of chemistry. Below is a general description of the department based on available information (note that details may have changed after ٢٠٠٣ due to political and security challenges, including the ISIS occupation and subsequent rebuilding efforts).</p> <p><b>Overview</b></p> <ul style="list-style-type: none"> <li>• <b>Establishment:</b> The Chemistry Department was founded as part of the <b>College of Science</b> at the University of Mosul, which was established in ١٩٦٣.</li> <li>• <b>Location:</b> Mosul, Nineveh Governorate, Iraq.</li> <li>• <b>Language of Instruction:</b> Primarily <b>Arabic</b>, though some advanced courses may use English.</li> </ul>	Program Description	وصف البرنامج

	<p><b>Academic Programs</b></p> <p><b>Postgraduate Programs</b></p> <ul style="list-style-type: none"> <li>• <b>Master of Science (M.Sc.) in Chemistry:</b> <ul style="list-style-type: none"> <li>◦ Specializations Physical Chemistry,,</li> <li>◦ Requires coursework and a thesis based on original research.</li> </ul> </li> </ul> <p><b>Research &amp; Facilities</b></p> <ul style="list-style-type: none"> <li>• <b>Laboratories:</b> Equipped for spectroscopy (UV-Vis, IR, NMR), chromatography (HPLC, GC), electrochemistry, and materials science.</li> <li>• <b>Research Areas:</b> <ul style="list-style-type: none"> <li>◦ Nanotechnology &amp; Materials Science</li> <li>◦ Environmental Chemistry &amp; Pollution Control</li> <li>◦ Medicinal Chemistry &amp; Drug Design</li> <li>◦ Petrochemicals &amp; Industrial Applications</li> </ul> </li> <li>• <b>Collaborations:</b> Partnerships with local industries and international universities (before the ISIS crisis, the department had ties with institutions in Europe and the Arab world).</li> </ul> <p><b>Faculty &amp; Staff</b></p> <ul style="list-style-type: none"> <li>• The department has professors, assistant professors, and lecturers with expertise in various chemical disciplines.</li> <li>• Many faculty members hold PhDs from international universities.</li> </ul>	
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	<p><b>Challenges &amp; Rebuilding Efforts</b></p> <ul style="list-style-type: none"> <li>• The department suffered significant damage during the <b>ISIS occupation</b> (٢٠١٤–٢٠١٧) and the subsequent liberation battles.</li> <li>• Since ٢٠١٨, efforts have been made to <b>reconstruct laboratories</b>, restore equipment, and resume academic activities with support from the Iraqi government and international organizations.</li> </ul> <p><b>Career Opportunities</b></p> <p>Graduates work in:</p> <ul style="list-style-type: none"> <li>• <b>Industrial sectors</b> (oil, pharmaceuticals, food).</li> <li>• <b>Government labs</b> (environmental monitoring, forensic analysis).</li> <li>• <b>Academia &amp; Research.</b></li> <li>• <b>Quality control &amp; safety management.</b></li> </ul>		
	<ul style="list-style-type: none"> <li>- <a href="http://www.uemosul.edu.iq">www.uemosul.edu.iq</a></li> </ul>	University Official Website	موقع الجامعة الالكتروني
	<ul style="list-style-type: none"> <li>- <a href="mailto:scien@uemosul.edu.iq">scien@uemosul.edu.iq</a></li> </ul>	Get more details (email) :	بريد الكتروني للاستفسار
	<ul style="list-style-type: none"> <li>- What is the start date of the semester?</li> <li>- What is the end date of the semester?</li> <li>- What is the length of the semester?</li> <li>- How many credit hours/units is the semester?</li> <li>- Is there a tuition fee for this program?</li> </ul>	Question ١/٥	خمسة اسئلة عن البرنامج

	<p><b>١. Semester Start and End Dates</b></p> <ul style="list-style-type: none"> <li><b>First Semester (Fall):</b> <ul style="list-style-type: none"> <li><b>Start:</b> Early October</li> <li><b>End:</b> Late January (exams in February)</li> </ul> </li> <li><b>Second Semester (Spring):</b> <ul style="list-style-type: none"> <li><b>Start:</b> Early March</li> <li><b>End:</b> Late June (exams in July)</li> </ul> </li> </ul> <p><i>(Dates may shift slightly based on the Islamic lunar calendar or administrative decisions.)</i></p> <p><b>٢. Length of Semester</b></p> <ul style="list-style-type: none"> <li><b>Regular Semesters (Fall &amp; Spring):</b> ~١٥–١٦ weeks of instruction + ٢ weeks for exams.</li> <li><b>Summer Semester:</b> ~٦–٨ weeks (condensed courses).</li> </ul> <p><b>٣. Credit Hours/Units per Semester</b></p> <ul style="list-style-type: none"> <li><b>Postgraduate (M.Sc.):</b> <ul style="list-style-type: none"> <li><b>M.Sc.:</b></li> <li>Hours : ٢٤ credit</li> <li>Thesis. ١٢</li> <li>total ٣٦ credit</li> </ul> </li> </ul>	Answer ١/٥	خمسة اجوبة عن البرنامج
	<ul style="list-style-type: none"> <li><b>M.Sc.:</b></li> <li>Hours : ٢٤ credit</li> <li>Thesis. ١٢</li> <li>total ٣٦ credits.</li> </ul>	Duration Unit:	الوحدات
	- Full-time, on-campus.	Duration Type	نوع البرنامج
	September	Start Month-	بداية البرنامج (شهر)
	October	Application Deadline	موعد انتهاء التقديم للبرنامج

	IQD	Fees Currency:	العملة
	From Free of charge to ٧,٥٠٠,٠٠٠ IQD	Price Information	معلومات الاجور
متطلبات الدخول للكورس Entry Requirements			
	Comprehensive Exam	Exam Type:	نوع الامتحان
	١. Baccalaureate (Scientific branch) ٢. Bachelor of Science (B.Sc.)	Entry Requirements (Other):	متطلبات اخرى
	There are no tuition fees ٧,٥٠٠,٠٠٠ IQD	Min Total Tuition Fees (Domestic): Max Total Tuition Fees (Domestic):	الحد الأدنى لإجمالي الرسوم الدراسية (المحلية): الحد الأقصى لإجمالي الرسوم الدراسية (المحلية):
	There are no tuition fees ٧,٥٠٠,٠٠٠ IQD	Min Total Tuition Fees (Domestic, In State): Max Total Tuition Fees (Domestic, In State):	الحد الأدنى لإجمالي الرسوم الدراسية داخل، (المحلية، الولاية): الحد الأقصى لإجمالي الرسوم الدراسية داخل الولاية (المحلية، الولاية):
	There are no tuition fees ٧,٥٠٠,٠٠٠ IQD	Min Total Tuition Fees (Domestic, Out of State): Max Total Tuition Fees (Domestic, Out of State):	الحد الأدنى لإجمالي الرسوم الدراسية خارج، (المحلية، الولاية): الحد الأقصى لإجمالي الرسوم الدراسية خارج الولاية (المحلية، الولاية):

	There are no tuition fees	Min Total Tuition Fees (International) :	الحد الأدنى لإجمالي الرسوم الدراسية (الدولي) :
	There are no tuition fees	Max Total Tuition Fees (International) :	الحد الأقصى لإجمالي الرسوم الدراسية (الدولي) :
	There are no tuition fees	Tuition Fee - Currency :	الرسوم الدراسية - العملة :
	References or letters are required for Iraqi students. And international applicants are required as part of the admission process	Are candidates required to submit references or letter(s) of recommendation for acceptance?	هل يتطلب المرشحون تقديم مراجع أو خطابات توصية للقبول؟
	Candidates are required to submit an essay for acceptance.	Are candidates required to submit an essay(s) for acceptance?	هل يتطلب المرشحون تقديم مقال (مقالات) للقبول (بروبوزال)؟
	Professional experience is not required	Minimum Professional Experience (in years) :	الحد الأدنى من الخبرة المهنية (بالسنوات) :
الدعم المالي Financial Aid			
	Currently, there are no school-sponsored scholarships or financial aid programs, but such opportunities may be offered in the future.	Is there a school sponsored scholarship or financial aid?	هل هناك منحة دراسية أو مساعدات مالية ترعاها الكلية أو القسم؟
	There is currently no designated annual budget.	Annual school budget for all scholarships :	ميزانية الكلية أو القسم السنوية لجميع المنح الدراسية :
	None	Currency :	العملة
	The University of Mosul offers postgraduate scholarships for international students through	Scholarship Information :	معلومات المنحة

	Iraq's "Study in Iraq" initiative, supporting High Diplomas, Master's, and Ph.D. programs. More info: <a href="https://uemosul.edu.iq/en/scholarships/">https://uemosul.edu.iq/en/scholarships/</a>		
<b>احصائيات البرنامج Program Statistics</b>			
	٣٥-٤٠	Students per Class :	الطلاب لكل فصل :
	٢٢-٤٥ years	Average age (in years) :	معدل عمر الطلبة
	There is no requirement for managerial level work experience	Average years of work experience at managerial level :	متوسط سنوات الخبرة في العمل على المستوى الإداري:
	Currently, the department has one international students	Percentage of international students :	نسبة الطلبة الاجانب
	% ٦٥	Percentage of women:	نسبة الاناث
	٧٠-١٠٠	Average GMAT score for your cohort:	معدل درجات التخرج
	٨٠٠٠ IQD	Average salary after graduation :	متوسط الراتب بعد التخرج :
	٦٠%	Percent employment after graduation :	نسبة التوظيف بعد التخرج:
	The program has obtained institutional accreditation and is currently working towards national accreditation	Program accreditations:	اعتمادات البرنامج ) (الاعتمادية)
	There is no minimum work experience requirement	Average work experience (in years) :	متوسط الخبرة العملية (بالسنوات) :
	At the moment, the department	Number of	عدد الجنسيات في

	does not have any international students enrolled.	nationalities in current cohort:	وجبة التخرج الحالي :
<b>Campus Details</b> تفاصيل الكلية او القسم			
	Department of Chemistry	Institution Profile Name Display :	اسم الكلية او القسم
	١٩٦٣	Foundation Year :	سنة التأسيس
		Current Logo :	شعار الكلية او القسم