

اضاف موقع كيو اس (QS) معلومات عن كل برنامج من البرامج التعليمية في الجامعة مع كافة التفاصيل..تفضلكم تزويدنا بالمعلومات وفق الجدول ادناه ولكل برنامج تعليمي (اولية - ماجستير - دكتوراه - دبلوم) لغرض رفعها على الموقع والتي يجب ان تكون باللغة الانكليزية وكذلك الصفحات الالكترونية التي يجب الاستشهاد بها يجب ان تكون باللغة الانكليزية..يمكن اضافة البرامج المقترحة وقيد التعقي ايضا.

| تفاصيل البرنامج واحد | | | |
|----------------------------|--------------------|--|--|
| رمز البرنامج | Program ID | | |
| اسم البرنامج | Program name | PhD in Chemistry | |
| الكلية | College Name | College of Science | |
| القسم | Department Name | Chemistry | |
| الموقع الالكتروني للبرنامج | Program URL | mosul.edu.iq/science/wp-content/uploads/sites/12/2025/09/QS-كيمياء-دكتوراه.pdf | |
| اسم الدرجة | Degree Name | Degree of philosophy in Chemistry | |
| مستوى الدراسة | Study Level | Post graduate | |
| نوع الكورس | Course Intensity | Taught and research based 3 academic years, divided into 2 semesters in the first year and two year of scientific research. | |
| طبيعة الدراسة | Study Mode | Full Time | |
| | MBA Program Type | The department does not offer an MBA program | |
| تفاصيل البرنامج | | | |
| الموضوع العام | Broad Subject Area | Chemistry | |
| Main Subjects: | | -Ph.D Courses for 1st term Physical Chemistry In silico Advanced Thermodynamics Molecular Docking Supramolecular Chemistry Advanced Electrochemistry The First course for Ph.D. Students of Biochemistry Advanced enzymes Molecular Biology | |

| | | | |
|--|---|--|--|
| | <p>Advanced Hormone OXIDANTS AND ANTIOXIDANTS</p> <p>lipids metabolism</p> <p>The second course for Ph.D. Students of Biochemistry</p> <p>Biotechnology</p> <p>Vitamins</p> <p>Pathology</p> <p>Physiology of Hormones</p> <p>Immuno Chemical Techniques</p> <p>Nutrition Disease</p> <p>DETOXIFICATION PATHWAYS</p> <p>The Courses for Postgraduate Students in Analytical Chemistry</p> <p>The First course for Ph.D. Students</p> <ul style="list-style-type: none"> -Atomic Analysis - Advance Electro Analysis - Analysis of Drug - Solvent Extraction of Metals -Functional Groups Analysis <p>The second course for Ph.D. Students</p> <ul style="list-style-type: none"> - Organic Reagents -Chromatography -Selective Topics -Environmental Chemistry -Biosensors <p>Industrial Chemistry</p> <p>PhD</p> <p>First Course</p> <p>Materials Science - Transformation Processes - Advanced Bituminous</p> | | |
|--|---|--|--|

| | | | |
|--|---|----------------|-----------------------------|
| | <p>Materials - Advanced Polymers - Spectroscopy</p> <p>Second Course</p> <p>Materials Science 2 - Desulfurization Processes - Lubricating Oil Manufacturing - Advanced Biopolymers - Research Methodology</p> <p>Inorganic Chemistry</p> <p>PhD</p> <p>First Course</p> <ol style="list-style-type: none"> 1- Advanced X- Ray 2- Advanced Coordination Chemistry . 3- Magnetic Moment and Electronic Spectra . 4- Chemistry of Lanthanides and Actinides . 5- Electronic Donor - Acceptor and Nano science . <p>Second Course</p> <ol style="list-style-type: none"> 1- Periodic Table . 2- Group Theory 3- Application of Inorganic Biochemistry . 4- Coordination Ligands . 5- Pharmaceuticals and Molecular docking of inorganic chemistry | | |
| | | Custom Subject | الموضوع اذا لم يكن مذكور |

| | | | |
|--|---|---------------------|--------------|
| | This specialization focuses on applying principles and techniques of Chemistry to train professionals who support solving chemical problem | Specialization | الاختصاص |
| | <p>The Chemistry Department at the University of Mosul 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 2003 due to political and security challenges, including the ISIS occupation and subsequent rebuilding efforts).</p> <p>Overview</p> <ul style="list-style-type: none"> • Establishment: The Chemistry Department was founded as part of the College of Science at the University of Mosul, which was established in 1963. • Location: Mosul, Nineveh Governorate, Iraq. • Language of Instruction: Primarily Arabic, though some advanced courses may use English. <p>Academic Programs</p> <p>. Postgraduate Programs</p> <ul style="list-style-type: none"> • Doctor of Philosophy (Ph.D.) in Chemistry: <ul style="list-style-type: none"> ○ Focuses on advanced research in a specialized area. ○ Requires dissertation and publications in peer-reviewed journals. <p>Research & Facilities</p> <ul style="list-style-type: none"> • Laboratories: Equipped for | Program Description | وصف البرنامج |

| | | | |
|--|---|--|--|
| | <p>spectroscopy (UV-Vis, IR, NMR), chromatography (HPLC, GC), electrochemistry, and materials science.</p> <ul style="list-style-type: none"> • Research Areas: <ul style="list-style-type: none"> ○ Nanotechnology & Materials Science ○ Environmental Chemistry & Pollution Control ○ Medicinal Chemistry & Drug Design ○ Petrochemicals & Industrial Applications • Collaborations: Partnerships with local industries and international universities (before the ISIS crisis, the department had ties with institutions in Europe and the Arab world). <p>Faculty & Staff</p> <ul style="list-style-type: none"> • The department has professors, assistant professors, and lecturers with expertise in various chemical disciplines. • Many faculty members hold PhDs from international universities. <p>Challenges & Rebuilding Efforts</p> <ul style="list-style-type: none"> • The department suffered significant damage during the ISIS occupation (2014–2017) and the subsequent liberation battles. • Since 2018, efforts have been made to reconstruct laboratories, restore equipment, and resume academic activities with support from the Iraqi government and international organizations. | | |
|--|---|--|--|

| | | | |
|--|--|-----------------------------|---------------------------|
| | Career Opportunities Graduates work in: <ul style="list-style-type: none"> • Industrial sectors (oil, pharmaceuticals, food). • Government labs (environmental monitoring, forensic analysis). • Academia & Research. • Quality control & safety management. | | |
| | - www.uomosul.edu.iq | University Official Website | موقع الجامعة الالكتروني |
| | - scien@uomosul.edu.iq | Get more details (email) : | بريد الالكتروني للاستفسار |
| | - What is the start date of the semester? - What is the end date of the semester? - What is the length of the semester? - How many credit hours/units is the semester? - Is there a tuition fee for this program? - | Question 1/5 | خمسة اسئلة عن البرنامج |
| | 1. Semester Start and End Dates <ul style="list-style-type: none"> • First Semester (Fall): <ul style="list-style-type: none"> ○ Start: Early October ○ End: Late January (exams in February) • Second Semester (Spring): <ul style="list-style-type: none"> ○ Start: Early March ○ End: Late June (exams in July) • Two years scientific reserch <p><i>(Dates may shift slightly based on the Islamic lunar calendar or administrative</i></p> | Answer 1/5 | خمسة اجوبة عن البرنامج |

| | | | |
|---|---|-----------------------------|------------------------------|
| | <p><i>decisions.)</i></p> <p>2. Length of Semester</p> <ul style="list-style-type: none"> Regular Semesters (Fall & Spring): ~15–16 weeks of instruction + 2 weeks for exams. <p>3. Credit Hours/Units per Semester</p> <ul style="list-style-type: none"> Postgraduate (M.Sc./Ph.D.): <ul style="list-style-type: none"> Ph.D hours 22 credit thesis. 38 credit total 60 credit <p>-</p> | | |
| | <p>60 credit (units)/</p> <ul style="list-style-type: none"> 3 years, divided into hours 22 credit thesis. 38 credit total 60 credit | 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 13,500,000 IQD | Price Information | معلومات الاجور |
| Entry Requirements متطلبات الدخول للكورس | | | |
| | Comprehensive Exam | Exam Type: | نوع الامتحان |
| | <p>1. Baccalaureate (Scientific branch)</p> <p>2. . Bachelor of Science (B.Sc.)</p> <p>3. MSc in chemistry.</p> | Entry Requirements (Other): | متطلبات اخرى |

| | | | |
|--|---|---|--|
| | There are no tuition fees | Min Total Tuition Fees (Domestic) : | الحد الأدنى لإجمالي الرسوم الدراسية (المحلية): |
| | 13,500,000 IQD | Max Total Tuition Fees (Domestic) : | الحد الأقصى لإجمالي الرسوم الدراسية (المحلية): |
| | There are no tuition fees | Min Total Tuition Fees (Domestic, In State) : | الحد الأدنى لإجمالي الرسوم الدراسية (المحلية، داخل الولاية): |
| | 13,500,000 IQD | Max Total Tuition Fees (Domestic, In State) : | الحد الأقصى لإجمالي الرسوم الدراسية (المحلية، داخل الولاية): |
| | There are no tuition fees | Min Total Tuition Fees (Domestic, Out of State) | الحد الأدنى لإجمالي الرسوم الدراسية (المحلية، خارج الولاية) |
| | 13,500,000 IQD | Max Total Tuition Fees (Domestic, Out of State) : | الحد الأقصى لإجمالي الرسوم الدراسية (المحلية، خارج 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): |
| | IQD | Tuition Fee - Currency : | الرسوم الدراسية - العملة : |
| | References or letters are required for Iraqi students. For international applicants letters | Are candidates required to submit | هل يتعين على المرشحين تقديم |

| | | | |
|---------------------------------------|---|---|--|
| | are required as part of the admission process | references or letter(s) of recommendation for acceptance? | 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 يتعين على المرشحين 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 Iraq's "Study in Iraq" initiative, supporting High Diplomas, Master's, and Ph.D. programs. More info: https://uomosul.edu.iq/en/scholarships/ | Scholarship Information : | معلومات المنحة |
| Pprogram Statistics احصائيات البرنامج | | | |
| | 25-30 | Students per Class : | الطلاب لكل فصل : |
| | 24-45 years | Average age (in years) : | معدل عمر الطلبة |
| | There is no requirement for managerial level work | Average years of | متوسط سنوات الخبرة في |

| | | | |
|--|--|--|--------------------------------------|
| | experience | work experience at managerial level : | العمل على المستوى الإداري: |
| | Currently, the department has one international students | Percentage of international students : | نسبة الطلبة الاجانب |
| | %65 | Percentage of women: | نسبة الاناث |
| | 75-85 | Average GMAT score for your cohort: | معدل التخرج درجات |
| | 800000 IQD | Average salary after graduation : | متوسط الراتب بعد التخرج : |
| | 60% | 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 does not have any international students enrolled. | Number of nationalities in current cohort: | عدد الجنسيات في وجبة التخرج الحالي : |
| Campus Details تفاصيل الكلية او القسم | | | |
| | Department of Chemistry | Institution Profile Name Display : | اسم الكلية او القسم |
| | 1963 | Foundation Year : | سنة التأسيس |

| | | | |
|--|---|----------------|----------------------|
| |  | Current Logo : | شعار الكلية أو القسم |
|--|---|----------------|----------------------|