

| تفاصيل برنامج الدكتوراه  |                    |                               |  |
|--|--------------------|-------------------------------|--|
|  | Program ID         | رمز البرنامج                  |  |
| Degree of Doctor of Philosophy in Geology /<br>Paleontology and Stratigraphy   | Program name       | اسم البرنامج                  |  |
| College of Science   | College Name       | الكلية                        |  |
| Geology  | Department Name    | القسم                         |  |
| <a href="https://uomosul.edu.iq/science/wp-content/uploads/sites/١٢/٢٠٢٦/٠١/QS_PhD_Paleontology-and-stratigraphy.pdf">https://uomosul.edu.iq/science/wp-content/uploads/sites/١٢/٢٠٢٦/٠١/QS_PhD_Paleontology-and-stratigraphy.pdf</a>  | Program URL        | الموقع الالكتروني<br>للبرنامج |  |
| Degree of philosophy in Paleontology and<br>stratigraphy   | Degree Name        | اسم الدرجة                    |  |
| Post graduate  | Study Level        | مستوى الدراسة                 |  |
| Taught and research based<br>٣ academic years, divided into ٢<br>semesters in the first year and two year of<br>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               |  |
| Geology  | Broad Subject Area | الموضوع العام                 |  |
| <b>Postgraduate (Phd. Students ) in paleontology<br/>and stratigraphy</b><br><br><b>The first course of Phd. Students</b><br><br>١. Adv. Invertebrate Paleontology<br>٢. Advanced Micropaleontology<br>٣. Carbonate Sedimentary Rocks<br>٤. Geostatistics<br>٥. English Language |                    | Main Subjects:                |  |
| <br><b>The second course of Phd. Students</b><br><br>١. Stratigraphy and Geology of Iraq and<br>Middle East<br>٢. Paleogeography<br>٣. Stratigraphic Paleontology<br>٤. Scientific research methodology  |                    |                               |  |

| ٥. Project  | Custom Subject                                 | الموضوع اذا لم يكن مذكور |
|---|--|--------------------------|
| Specialization  | الاختصاص                                       |                          |
| <p>This specialization focuses on applying principles and techniques of Petroleum to train professionals who support solving chemical problem</p> <p>The <b>Geology 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 petroleum. 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 Geology Department was founded as part of the <b>College of Science</b> at the University of Mosul, which was established in ١٩٦٤.</li> <li><b>Location:</b> Mosul, Nineveh Governorate, Iraq.</li> <li><b>Language of Instruction:</b> Arabic and English.</li> </ul> <p><b>Academic Programs</b></p> <p><b>. Postgraduate Programs</b></p> <ul style="list-style-type: none"> <li><b>Doctor of Philosophy (Ph.D.) in Geology:</b> <ul style="list-style-type: none"> <li>Focuses on advanced research in a specialized area.</li> <li>Requires dissertation and publications in peer-reviewed journals.</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</li> </ul> | <p>Program Description</p> <p>وصف البرنامج</p> |                          |

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| <p>(HPLC, GC), electropetroleum, and materials science.</p> <ul style="list-style-type: none"> <li>• <b>Research Areas:</b> <ul style="list-style-type: none"> <li>◦ Specializations may include planetology, sedimentology and geochemistry labs.</li> <li>◦ Specializations may include paleontology, sedimentology and geochemistry labs.</li> </ul> </li> <li>• Requires coursework and a thesis based on original research</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> |  |  |
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## Faculty & Staff

- The department has professors, assistant professors, and lecturers with expertise in various chemical disciplines.
- Many faculty members hold PhDs from international universities.

## Challenges & Rebuilding Efforts

- The department suffered significant damage during the **ISIS occupation** (٢٠١٤–٢٠١٧) and the subsequent liberation battles.
- Since ٢٠١٨, 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:

- **Oil companies**
- **minerals mining**
- **Academia & Research.**

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|--|--|-----------------------------|-------------------------|
|  | <ul style="list-style-type: none"> <li>• Quality control &amp; safety management.</li> </ul>   |                             |                         |
|  | <ul style="list-style-type: none"> <li>- <a href="http://www.uomosul.edu.iq">www.uomosul.edu.iq</a></li> </ul>   | University Official Website | موقع الجامعة الالكتروني |
|  | <ul style="list-style-type: none"> <li>- <a href="mailto:scien@uomosul.edu.iq">scien@uomosul.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  |
|  | <h3>١. Semester Start and End Dates</h3> <ul style="list-style-type: none"> <li>• First Semester (Fall): <ul style="list-style-type: none"> <li>◦ Start: Early October</li> <li>◦ End: Late January (exams in February)</li> </ul> </li> <li>• Second Semester (Spring): <ul style="list-style-type: none"> <li>◦ Start: Early March</li> <li>◦ End: Late June (exams in July)</li> </ul> </li> <li>• Two years scientific research</li> </ul> <p><i>(Dates may shift slightly based on the Islamic lunar calendar or administrative decisions.)</i></p> |                             |                         |
|  | <h3>٢. Length of Semester</h3> <ul style="list-style-type: none"> <li>• Regular Semesters (Fall &amp; Spring): ~١٥-١٦ weeks of instruction + ٢ weeks for exams.</li> </ul>   | Answer ١/٥                  | خمسة اجوبة عن البرنامج  |
|  | <h3>٣. Credit Hours/Units per Semester</h3> <ul style="list-style-type: none"> <li>• Postgraduate (M.Sc./Ph.D.): <ul style="list-style-type: none"> <li>◦ Ph.D</li> <li>◦ hours ٢٢ credit</li> <li>◦ thesis. ٣٨ credit</li> <li>◦ total ٦٠ credit</li> </ul> </li> </ul>   |                             |                         |

|                              |   |   |  |
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|                              | <ul style="list-style-type: none"> <li>٦٠ credit (units)/</li> <li>○ ٢ years, divided into hours ٢٢ credit</li> <li>○ thesis. ٣٨ credit</li> <li>○ total ٦٠ credit</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 ١٣,٥٠٠,٠٠٠ IQD   | Price Information                             | معلومات الاجور   |
| <b>متطلبات الدخول للكورس</b> |   |   |  |
|                              | Comprehensive Exam  | Exam Type:                                    | نوع الامتحان   |
|                              | ١. Baccalaureate (Scientific branch)<br>٢. Bachelor of Science (B.Sc.)<br>٣. MSc in petroleum.  | Entry Requirements (Other):                   | متطلبات اخرى   |
|                              | There are no tuition fees   | Min Total Tuition Fees (Domestic) :           | الحد الأدنى لإجمالي الرسوم الدراسية (المحلية):               |
|                              | ١٣,٥٠٠,٠٠٠ 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): |
|                              | ١٣,٥٠٠,٠٠٠ IQD  | Max Total Tuition Fees (Domestic, In State) : | الحد الأقصى لإجمالي الرسوم الدراسية                          |

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|--|---|---|---|
|  |   |   | (المحلية، داخل الولاية) :                                     |
|  | There are no tuition fees   | Min Total Tuition Fees (Domestic, Out of State)   | الحد الأدنى لإجمالي الرسوم الدراسية (المحلية، خارج الولاية)   |
|  | ١٣,٥٠٠,٠٠٠ 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 required as part of the admission process | Are candidates required to submit references or letter(s) of recommendation for acceptance? | هل يتطلب على المرشحين 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 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,  | Is there a school sponsored   | هل هناك منحة دراسية   |

|  |   |   |  |
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|  | but such opportunities may be offered in the future.  | scholarship or financial aid?               | أو مساعدات مالية ترعاها الكلبة او القسم؟               |
|  | There is currently no designated annual budget.   | Annual school budget for all scholarships : | ميزانية الكلية او 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.<br>More info:<br><a href="https://uomosul.edu.iq/en/scholarships/">https://uomosul.edu.iq/en/scholarships/</a> | Scholarship Information :                   | معلومات المنحة   |

#### احصائيات البرنامج Program Statistics

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|  | ٢٥-٣٠  | Students per Class :                                   | الطلاب لكل فصل :                                 |
|  | ٢٤-٤٥ 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                                      |
|  | ٧٥-٨٥  | Average GMAT score for your cohort:                    | معدل درجات التخرج                                |
|  | ٨٠..... 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) :<br>:  | 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: |
| <b>Campus Details</b> |  |  |                                     |
|                       | College o Department of Petroleum  | Institution Profile Name Display :         | اسم الكلية او القسم                 |
|                       | ١٩٦٣   | Foundation Year :                          | سنة التأسيس                         |
|                       |  | Current Logo :                             | شعار الكلية او القسم                |