

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 التفعيل ايضا.

| تفاصيل البرنامج الواحد   |                    |                            |  |
|--|--------------------|----------------------------|--|
|  | Program ID         | رمز البرنامج               |  |
| Electrical Engineering Doctor of Philosophy  | Program name       | اسم البرنامج               |  |
| College of Engineering   | College Name       | الكلية                     |  |
| Department of Electrical Engineering   | Department Name    | القسم                      |  |
| <a href="https://uomosul.edu.iq/en/engineering/electrical-engineering-dept/">https://uomosul.edu.iq/en/engineering/electrical-engineering-dept/</a>  | Program URL        | الموقع الالكتروني للبرنامج |  |
| Ph.D degree  | Degree Name        | اسم الدرجة                 |  |
| PHD  | Study Level<br>PHD | مستوى الدراسة              |  |
| Full-time  | Course Intensity   | نوع الكورس                 |  |
| On campus  | Study Mode         | طبيعة الدراسة              |  |
|  | MBA Program Type   |                            |  |
| تفاصيل البرنامج  |                    |                            |  |
| Engineering -  | Broad Subject Area | الموضوع العام              |  |
| Power & machine<br>Electronic & communications   | Main Subject :     | الموضوع الرئيسي            |  |
|  | Custom Subject     | الموضوع اذا لم يكن مذكور   |  |
| Electrical Engineering   | Specialization     | الاختصاص                   |  |
| <p><b>A Ph.D. in Electrical Engineering</b> is an advanced research-focused degree designed for individuals aiming to contribute to the field through original research, academic scholarship, and advanced technical knowledge. Here's a general <b>program description</b>:</p> <p><b>Ph.D. in Electrical Engineering – Program Description</b><br/>The Doctor of Philosophy (Ph.D.) in Electrical Engineering program prepares students for careers in research, academia, industry, and government laboratories. The program is designed to develop in-depth expertise in one or more areas of electrical engineering, foster independent research skills, and</p> |                    | وصف البرنامج               |  |

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| <p>produce scholarly contributions to the field.</p> <p><b>Program Objectives</b><br/>Investigate students to conduct original and impactful research.</p> <p>Develop a deep theoretical and practical understanding of electrical engineering principles.</p> <p>Prepare students for leadership roles in academic, industrial, or governmental settings.</p> <p><b>Research Areas:</b></p> <ul style="list-style-type: none"> <li>• Advanced Communications and Signal Processing</li> <li>• Power Systems and Protection</li> <li>• Microelectronics and Nanotechnology</li> <li>• Advanced Electrical Machines</li> <li>• Control Systems</li> <li>• Renewable Energy</li> <li>• Embedded Systems and Hardware Design</li> <li>• Machine Learning and Artificial Intelligence in EE</li> <li>• Robotics and Automation</li> <li>• Power Electronics and Drives</li> </ul> <p>Facilities and Support<br/>The department is equipped with modern labs and facilities to support students' learning. Additionally, students have access to computing resources and are guided through their studies by experienced faculty members who are engaged in both teaching and research.</p> <p><b>Program Structure</b><br/><b>Coursework:</b> Typically 24 credits of graduate-level courses,<br/><b>Qualifying Examination:</b> An assessment to evaluate the student's readiness to undertake research.<br/><b>Research Proposal &amp; Thesis:</b> 12 credits includes a written dissertation based on original research, culminating in a public defense.<br/><b>Duration</b><br/>Typically 3-4.5 years, depending on</p> |  |  |
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| <p>prior academic background and research progress.</p> <p><b>Admission Requirements</b><br/>Master's degree in electrical engineering or a related field (some programs admit directly from a bachelor's degree).</p> <p><b>Success</b><br/>The student must have a course grade point average of at least 70, and the minimum passing score for any course is 60.<br/>For the thesis, there are 4 scenarios:<br/>1. The student passes the exam, and the minimum passing score is 70 to 99.<br/>2. The student is awarded a grade of 70 and must make essential and necessary changes to the thesis within a period of three months.<br/>3. The thesis is not accepted, and the student is given six months to make essential and necessary changes to the thesis, and the thesis is re-defended.<br/>4. The thesis is rejected, and the student is considered to have failed.</p> <p><b>Future Plans:</b> Plans are in place to enhance the program by incorporating more courses related to emerging fields like renewable energy and artificial intelligence. There is also an effort to upgrade lab facilities and provide additional training to meet the evolving demands of the industry.</p> |  |                                    |
| <p><a href="https://uomosul.edu.iq/en">https://uomosul.edu.iq/en</a> -</p>   | <p>University<br/>Official Website</p> | <p>موقع الجامعة<br/>الالكتروني</p> |
| <p><a href="mailto:electdep@uomosul.edu.iq">electdep@uomosul.edu.iq</a> -</p>  | <p>Get more details<br/>(email) :</p>  | <p>بريد الكتروني<br/>للاستفسار</p> |
| <p>1.How are Ph.D. students matched with research advisors or supervisors?</p> <p>2.How does a Ph.D. program in Electrical Engineering differ from a master's program in terms of focus and structure?</p> <p>3.What are some common research areas within Electrical Engineering that Ph.D. students can specialize in?</p> <p>4.What is the role of a dissertation in an Electrical Engineering Ph.D. program, and what does it typically involve?</p> <p>5.What academic and professional</p>   | <p>Question 1/5</p>                    | <p>خمسة اسئلة عن<br/>البرنامج</p>  |

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|  | opportunities become available after earning a Ph.D. in Electrical Engineering?   |            |                        |
|  | <p>1- Students are often matched with advisors based on shared research interests, either during the application process or after completing initial coursework. Some programs assign advisors upon admission, while others allow students to explore different labs before formally selecting a supervisor. A strong advisor relationship is crucial for guidance, research development, and professional growth.</p> <p>2- While a master's program is usually coursework-focused and may include a project or thesis, a Ph.D. program emphasizes original research and contribution to the field. The structure of a Ph.D. typically includes:</p> <p>Advanced coursework (usually fewer than in a master's)</p> <p>Qualifying exams or comprehensive exams</p> <p>Proposal and defense of a dissertation</p> <p>Several years (typically 2–3.5) of independent research under faculty supervision</p> <p>The goal is to produce new knowledge and publish in peer-reviewed journals or conferences</p> <p>3- -Ph.D. candidates in Electrical Engineering can choose from a wide range of research areas, such as:</p> <p>Power systems and renewable energy</p> <p>Control systems and robotics</p> <p>Microelectronics and nanotechnology</p> <p>Communications and signal processing</p> <p>Embedded systems and IoT</p> <p>Artificial intelligence and machine</p> | Answer 1/5 | خمسة اجوبة عن البرنامج |


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| <p>learning applications in EE</p> <p>Design of electrical machines</p> <p>Biomedical engineering and bioelectronics</p> <p>4- The dissertation is the central component of a Ph.D. program. It involves:</p> <p>Conducting original research that contributes new knowledge or solves a significant problem in the field</p> <p>A thorough literature review and methodology</p> <p>Implementation, experimentation, and data analysis</p> <p>Publishing parts of the work in peer-reviewed journals or conferences</p> <p>A final defense before a faculty committee<br/>It demonstrates the candidate's expertise, innovation, and readiness for independent research.</p> <p>5- Graduates with a Ph.D. in Electrical Engineering can pursue:</p> <p>Academic careers as university lecturers and researchers</p> <p>Advanced research roles in R&amp;D departments of tech companies or national labs</p> <p>Leadership positions in high-tech industries or government agencies</p> <p>Opportunities in consulting, startups, or entrepreneurship</p> <p>Eligibility for postdoctoral fellowships and specialized research grants</p> <p>A Ph.D. also opens doors to contributing to policy, standards, and innovation in the electrical and technology sectors.</p> <p>.</p> |                |         |
| 36   | Duration Unit: | الوحدات |

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|--|--|-----------------------------------|---------------------------------|
|  | 3 Years  | Duration Type<br>3-6 years        | نوع البرنامج                    |
| June,<br>(subjected to change)           | Refer to the academic calendar:<br><a href="https://uomosul.edu.iq/en/calendar">https://uomosul.edu.iq/en/calendar</a>                                     | Start Month-                      | بداية البرنامج<br>(شهر)         |
| Jule,<br>(subjected to change)           | Refer to the academic calendar:<br><a href="https://uomosul.edu.iq/en/calendar">https://uomosul.edu.iq/en/calendar</a>                                     | Application<br>Deadline           | موعد انتهاء التقديم<br>للبرنامج |
|  |  |                                   |                                 |
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|  | Iraqi Dinar (IQD)  | Fees Currency:<br>Free            | العملة                          |
|  | 13,000,000   | Price Information                 | معلومات الاجور                  |
| Entry Requirements متطلبات الدخول للكورس |  |                                   |                                 |
|  | competitive admission test   | Exam Type:                        | نوع الامتحان                    |
|  | Ph.D applicants must have a <b>Master's degree</b> in Electrical Engineering or a closely related field (Electronics, Communications, Power and Machines ) | Entry<br>Requirements<br>(Other): | متطلبات اخرى                    |

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| <p>All applicants to postgraduate studies are required to pass the Unified National Arabic, English Language test and Computer Proficiency Test as a mandatory condition for application.</p> <p>After applying, applicants are required to take an exam on the core courses for master's studies. Applicants must pass this exam. The exam score is out of 30, while the master's grade is 70. The score is then calculated out of 100. Applicants are then ranked in descending order of their grades, and are accepted according to the plan available for that year.</p> |  |   |
| <p>Full Fees: 4.5 million dinars per year, around 3600\$ international students are eligible to apply for full or half fees waving, according to the instruction given in the following website:<br/> <a href="https://mofa.gov.iq/colombo/wp-content/uploads/sites/11/2024/12/Study-in-Iraq-EN.pdf">https://mofa.gov.iq/colombo/wp-content/uploads/sites/11/2024/12/Study-in-Iraq-EN.pdf</a></p>  | <p>Min Total Tuition Fees (Domestic) :</p>               | <p>الحد الأدنى لإجمالي الرسوم الدراسية (المحلية):</p>               |
| <p>4,50,000 ID/year</p>  | <p>Max Total Tuition Fees (Domestic) :</p>               | <p>الحد الأقصى لإجمالي الرسوم الدراسية (المحلية):</p>               |
| <p>Full fees waving available for certain cases</p>  | <p>Min Total Tuition Fees (Domestic, In State) :</p>     | <p>الحد الأدنى لإجمالي الرسوم الدراسية (المحلية، داخل الولاية):</p> |
| <p>4,50,000 ID/year</p>  | <p>Max Total Tuition Fees (Domestic, In State) :</p>     | <p>الحد الأقصى لإجمالي الرسوم الدراسية (المحلية، داخل الولاية):</p> |
| <p>Full fees waving available for certain cases</p>  | <p>Min Total Tuition Fees (Domestic, Out of State)</p>   | <p>الحد الأدنى لإجمالي الرسوم الدراسية (المحلية، خارج الولاية)</p>  |
| <p>4,50,000 ID/year</p>  | <p>Max Total Tuition Fees (Domestic, Out of State) :</p> | <p>الحد الأقصى لإجمالي الرسوم الدراسية (المحلية، خارج الولاية):</p> |
| <p>Full fees waving available for certain cases</p>  | <p>Min Total Tuition Fees (International) :</p>          | <p>الحد الأدنى لإجمالي الرسوم الدراسية (الدولي):</p>                |
| <p>Full fees waving available for certain cases</p>  | <p>Max Total Tuition Fees</p>                            | <p>الحد الأقصى لإجمالي الرسوم</p>                                   |

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|                                       |  | (International) :   | الدراسية (الدولي):   |
|                                       | Iraqi Dinar  | Tuition Fee - Currency :  | الرسوم الدراسية - العملة :                                   |
|                                       | No   | Are candidates required to submit references or letter(s) of recommendation for acceptance? | هل يتعين على المرشحين تقديم مراجع أو خطابات توصية للقبول؟    |
|                                       | NO   | Are candidates required to submit an essay(s) for acceptance?                               | هل يتعين على المرشحين تقديم مقال (مقالات) للقبول (بروبوزال)؟ |
|                                       | 2 years  | Minimum Professional Experience (in years) :  | الحد الأدنى من الخبرة المهنية (بالسنوات):                    |
| الدعم المالي Financial Aid            |  |   |  |
|                                       | no   | Is there a school sponsored scholarship or financial aid?                                   | هل هناك منحة دراسية أو مساعدات مالية ترعاها الكلية أو القسم؟ |
|                                       | N/A  | Annual school budget for all scholarships :   | ميزانية الكلية أو القسم السنوية لجميع المنح الدراسية :       |
|                                       | Iraqi Dinar  | Currency :  | العملة   |
|                                       | The University covers tuition fees and accommodation for international students from all around the world. | Scholarship Information :   | معلومات المنحة   |
| Pprogram Statistics احصائيات البرنامج |  |   |  |
|                                       | 8  | Students per Class :  | الطلاب لكل فصل :   |
|                                       | 36 and above   | Average age (in years) :  | معدل عمر الطلبة  |
|                                       | Not Required   | Average years of work experience at managerial level :                                      | متوسط سنوات الخبرة في العمل على المستوى الإداري:             |
|                                       | N/A  | Percentage of international students :  | نسبة الطلبة الاجانب  |



|  |   |   |                                      |
|--|---|---|--------------------------------------|
|  | No limitation   | Percentage of women :                       | نسبة الاناث                          |
|  | 70% (pass mark)   | Average GMAT score for your cohort :        | معدل درجات التخرج                    |
|  | 1250000 IQD   | Average salary after graduation :           | متوسط الراتب بعد التخرج :            |
|  | N/A   | Percent employment after graduation :       | نسبة التوظيف بعد التخرج :            |
|  | ISO IEC 17025/2017  | Program accreditations :                    | اعتمادات البرنامج ) الاعتمادية (ة    |
|  | N/A   | Average work experience (in years) :        | متوسط الخبرة العملية (بالسنوات) :    |
|  | 1 (Only local students )  | Number of nationalities in current cohort : | عدد الجنسيات في وجبة التخرج الحالي : |
| <b>Campus Details</b> تفاصيل الكلية او القسم |   |   |                                      |
|  | Department of Electrical Engineering  | Institution Profile Name Display :          | اسم الكلية او القسم                  |
|  | 1964-1965   | Foundation Year :                           | سنة التأسيس                          |
|  |  | Current Logo :                              | شعار الكلية او القسم                 |

علما ان هذه المعلومات لكل برنامج اكايمي في الجامعة...مع التقدير