





The Flag of Kurdistan

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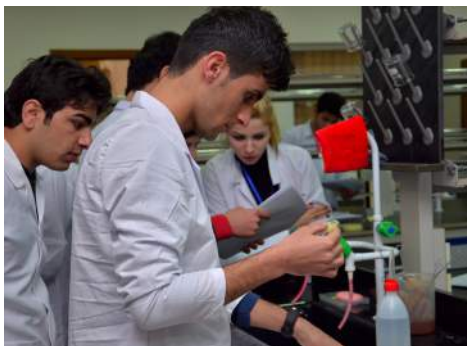
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Arbil ,Kurdistan



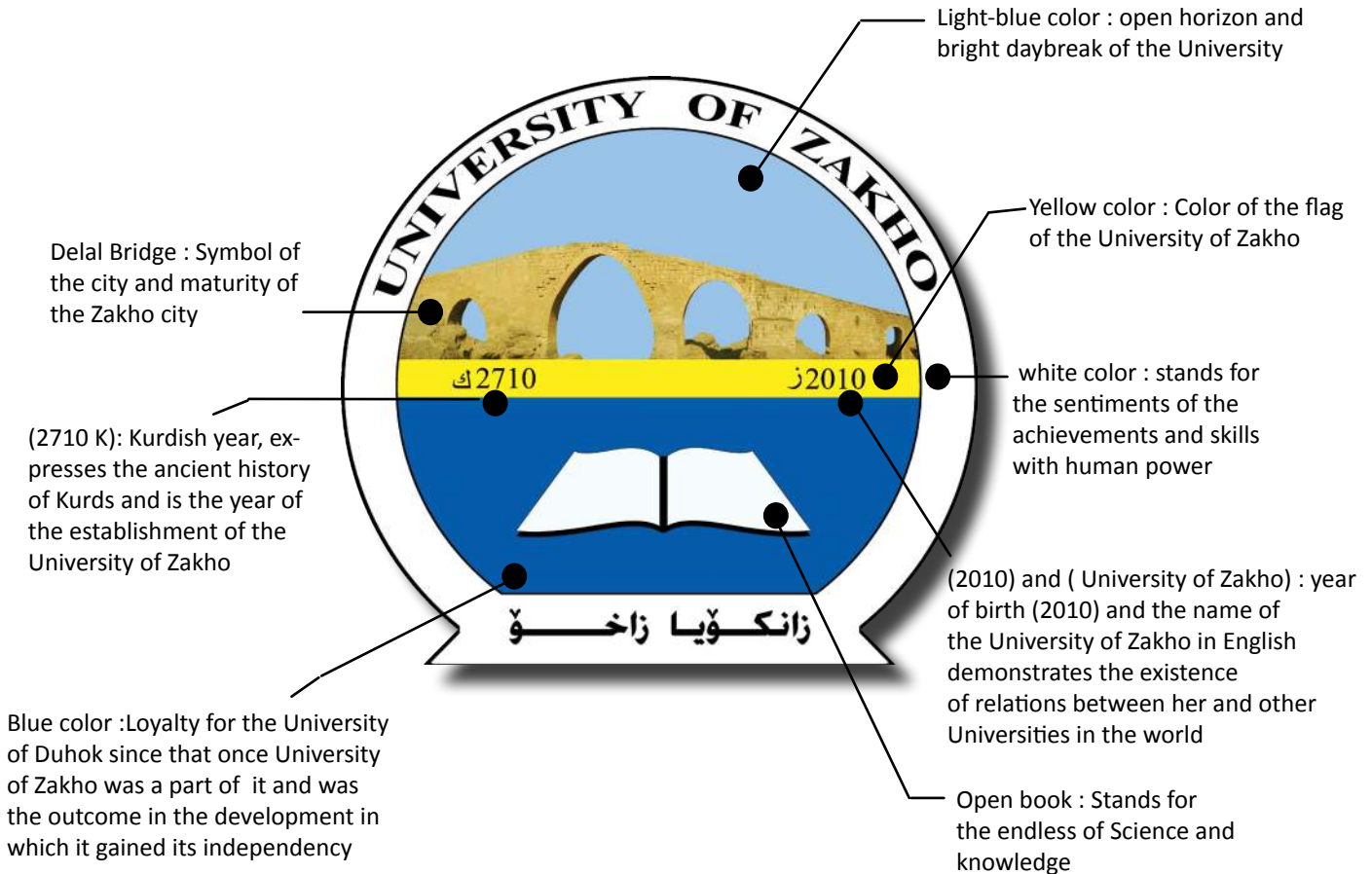
## Zakho University Anthem

Oh minaret of high loftiest  
The creator of sunrise light  
The curer of ancient wounds  
The witness of lost history  
The lover of partisans passion  
The illumination of martyrs grave  
The university of intellect and believing  
The «Khani» hope has flowered

Poem : Dr.Badrxan Sindy  
Ryme : Azad Abdullah Mirxan

# This Pictogram shows the following

Bottom bar : Symbol of strength and stability



## President Message

*The establishment of the University of Zakho was a new vision and a long term strategy that coincided with our higher education reforming process which was undertaken by the Kurdistan Ministry of Higher Education. Our mission is to achieve a quality teaching and an advanced scientific research which will improve the learning outcomes and training programs, protect the rights of the students, improve the status of the teaching staff, and elevate the standards of teaching by implementing the teaching quality assurance program and continuing the academic development. Furthermore, the establishment of a new split-site program with various centers of excellence in various parts of the world will improve the standards of our graduates and open new communication avenues with these worldwide recognized universities and research centers that will participate in the internationalization process of the university and the development of UOZ teaching staff via common supervision of the postgraduate projects, carrying joint research projects as well as short and long term visits between partner universities. On the behalf of the UOZ staff, I am pleased to invite you to visit the website of UOZ, and I hope you will find some useful informations, news and other university activities. In addition, we hope that UOZ website will open the door for students and academics to visit UOZ. Your comments and suggestions will be highly appreciated and useful for the development of the UOZ and its website.*



**Dr. Lazgin A. Jamil**  
President of the University of Zakho

## University Presidency

Asst. Prof. Dr. Lazgin A. Jamil is the president of the University of Zakho, dedicated all his efforts to establish a professional, highly accredited university for the beautiful city of Zakho in order to fulfill the requirements of modernizing our society and to catch up with up to date technology and go side by side with the most developed and leading societies in the world. Prof. Jamil as the university president, is the chief executive officer of the university, overseeing all operations from academic affairs and international initiatives, to enrollment and student life, manages the executive staff in areas of academic affairs, budget and finance, employee services, legal counsel, communications and government relations and setting future goals and directions for the university. He also acts as a national and international ambassador for the university. He acts on behalf of the University Council, which delegates its authority to him.



Asst. Prof. Dr. Lazgin A. Jamil, PH.D.  
President of the University of Zakho  
Email : [president@uoz.edu.krd](mailto:president@uoz.edu.krd)  
Phone : [00964 750 445 82 37](tel:009647504458237)

## History

The town of Zakho was known to the ancient Greeks. In 1844 the traveler William Francis Ainsworth commented: «The appearance of Zakhu in the present day coincides in a remarkable manner with what it was described to be in the time of Xenophon.» Gertrude Bell convinced that Zakho was the same place as the ancient town of Hasaniyeh. She also reported that the first Christian missionary to the region, the Dominican monk Poldo Soldini, was buried there in 1779. His grave was still a pilgrimage destination in the 1950s





## Zakho City

Zakho city is located in the Duhok governorate just few kilometers from the Iraqi-Turkish border with about 190,000 inhabitants. It may have originally established on a small island in the little Khabur which currently flows through the city. The river itself flows west of Zakho to form the border between Iraq and Turkey. This border represents the largest land border in the Kurdistan Region and become now an important check point through which hundreds of thousands of trucks and pass every year. Due to its strategic location and the abundance of job opportunities, Zakho has attracted many workers and job seekers from different parts of Iraq and even from Syria and Turkey. The town itself has lots of shops and commerce activities and is a major market place for commodities and merchandise serving not only the Kurdistan region, but also most of the middle and southern parts of Iraq.



## Key Facts

Zakho is the border town of Iraq and Turkey, where the huge border complex was constructed in Ibrahim Khalil is. Due to its strategic location and the abundance of job opportunities, Zakho has attracted many workers and job seekers from different parts of Iraq and even from Syria and Turkey. Zakho has around 90,000 inhabitants and the town itself has lots of shops and commerce activity so expect lots of trucks and taxis. Zakho has served as a checkpoint for many decades. It is a major market place with its goods and merchandise serving not only the Kurdistan region, but also serving most of the middle and southern parts of Iraq.

Campanile (1818) described the town as a great trading centre, famous for its gallsnuts as well as rice, oil, sesame, wax, lentils and many fruits. Zakho is located just 20km from the Turkish town Silopi, so lots of Turkish trucks come with export goods to provide the Kurdish region with everything one can imagine. Trade with Turkey is now the major element of the economy. Oil-drilling began in 2005.

There is the Delal Bridge over the Habur River and an amusement park that are somehow worth a visit if you're willing to stay overnight and spend a couple of hours in this tiny border town.



## Landmarks



One of the Zakho's famous landmarks is the "Delal Bridge". The bridge is made with large stones which not only adds to the aesthetic value of the bridge, but also makes it a source of many theories as to how it was built. (The stones are very large and there was no machinery available at that time).

Zakho castle is another landmark that lies in the city center on the western bank of Khabir River. It served as the governor's house in the region of the Badinan Emirate and was extended by Prince Ali Khan. It was built on the ruins of an older castle. Today, only the tower remains



The University was made to be a key pillar in building a modern and civilized society, which based on the latest scientific foundations and educational curricula in the modern world. The main goal of the university is to provide the most superior educational systems, contribute to the production, and introduce the development and dissemination of knowledge and rehabilitation of human resources and leadership conscious to meet the needs and requirements of the modern era

The university has prepared and trained its faculty members and technical leaders to achieve their missions by providing them with the appropriate atmosphere and the necessary supplies for their study and research. -The university consists of specialized departments to develop the students scientifically, culturally, economically, socially, physically, and intellectually.

As part of the policy of the Kurdistan Region Government, and the Ministry of Higher Education and Research, the students and staff members are able to receive their Master and Doctoral Degrees from the University of Zakho. The university managed postgraduate scientific and study agreements with more than twenty foreign universities and research centers all over the world



# About university of zakho



The University of Zakho was announced as an independent university on July, 2010. Before this date, Zakho Campus included the Colleges of Education and Commerce which were affiliated with the University of Duhok. The UoZ along with another three new universities were founded following the resolution made by the Parliament of the Kurdistan Regional Government to address the increased demand for higher education studies in the region.

Once the university had been nominated, the colleges of Education and Commerce were reorganized into two faculties, namely, the Faculty of Science and the Faculty of Humanities. The Faculty of Science includes two schools, natural science and pure science. The Faculty is composed of six departments, namely, Biology, Chemistry, Physics, Computer Sciences, Environmental Sciences, and Mathematics. A new Environmental Science Department started to operate since September, 2011.

The Faculty of Humanities is divided into three schools: Arts, Language, and Commerce. The school of arts includes three departments namely History, Islamic Studies, and General Psychology. The school of language includes the departments of Kurdish, Arabic, Turkish and English language. The school of commerce includes the departments of Commerce and Banking department and Business Economics.. Later, during the academic year 2013- 2014, the College of Engineering was opened to include the departments of petroleum and mechanical engineering. In addition, the Faculty of Education was also opened at the same time, which included the schools Physical Education and Basic Educations



The university council holds weekly meetings. The head of the council (president of the university) is authorized to call for exceptional meetings when necessary. The council consensus is accomplished at the presence of the majority of its members

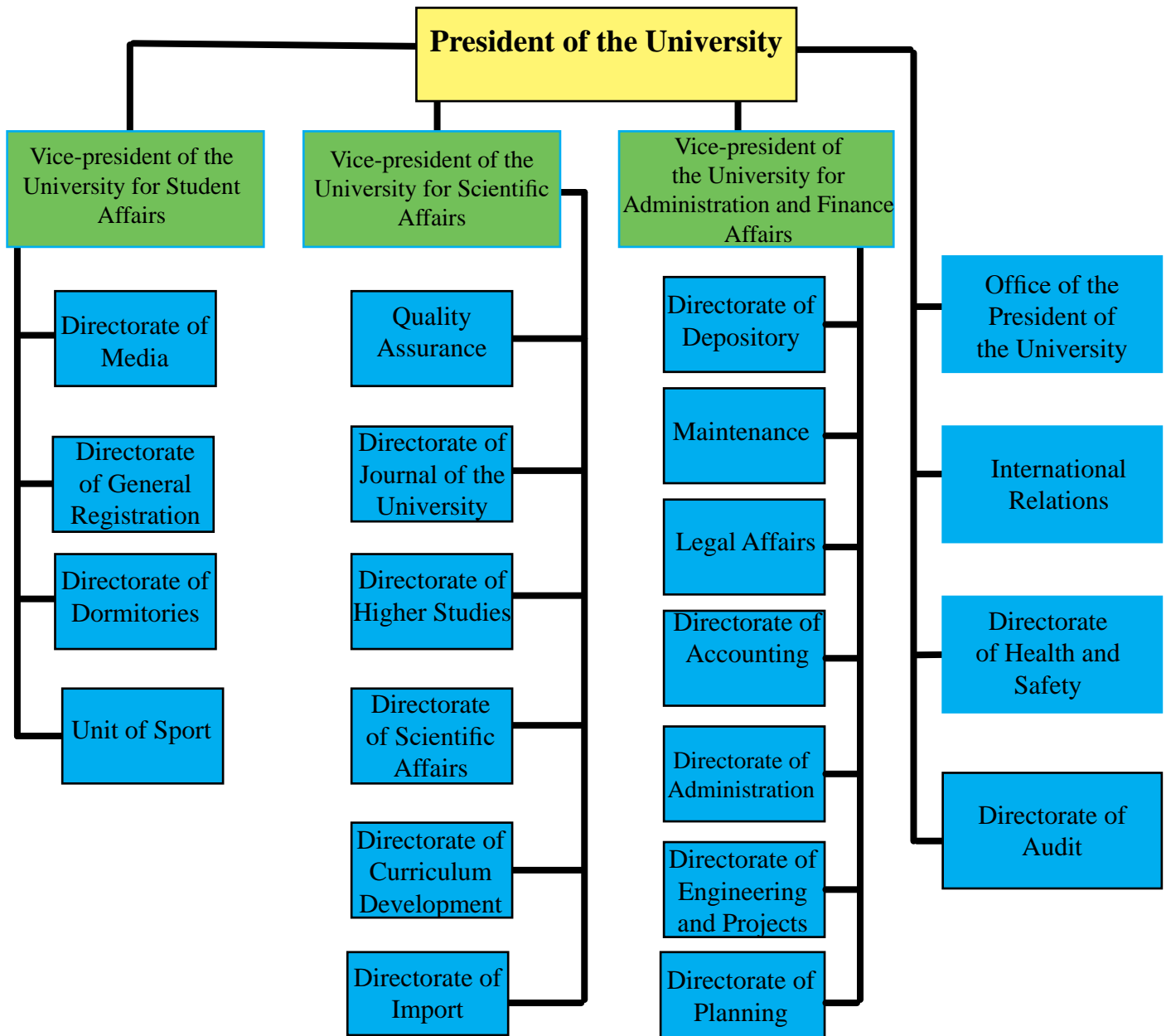
# University Administration

## University Council

The university council is the supreme scientific and administrative authority which has the following duties:

1. Approving applicants for graduate and post graduate studies
2. Ratifying scientific research plans.
3. Opening scientific faculties and departments.
4. Arranging bilateral scientific and social relations with international universities and scientific institutions in other countries.
5. Supervising the implementation of the bilateral scientific agreements with international universities after ratifying these agreements from the Ministry of Higher Education and Scientific Research.
6. Contracting with international teaching staff, technicians and instructors.
7. Employing local academic teaching staff.
8. Approving the plans for rehabilitation and training of scientific and, administrative staff.
9. Approving the distribution of scientific and administrative staffs of the faculties.
10. Implementation of the annual budget plan.







## University of zakho Council consists of :

Asst. Prof. Dr. Lazgin Abdi Jamil  
President of the University, Chairman  
Email : [president@uoz.edu.krd](mailto:president@uoz.edu.krd)

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Asst. Prof. Dr. Abdulhameed Sulaiman  
Vice President for Administration and Financial Affairs, Member  
Email : [vpresident.adm@uoz.edu.krd](mailto:vpresident.adm@uoz.edu.krd)

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Prof. Dr. Omar Al-Habib  
Vice President for Scientific Affairs and Postgraduate Studies, Member  
Email : [vpresident.sci@uoz.edu.krd](mailto:vpresident.sci@uoz.edu.krd)

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Asst. Prof. Dr. Abdulwahab Khalid Mosa  
Vice President for Students Affairs, Coordinator  
Email : [vpresident.stud@uoz.edu.krd](mailto:vpresident.stud@uoz.edu.krd)

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Prof. Dr.Fadhil H. Easif  
Dean of the Faculty of Science, Member  
Email : [dean.sci@uoz.edu.krd](mailto:dean.sci@uoz.edu.krd)

---

Asst. Prof. Dr. Newzat A. Zebary  
Dean of the Faculty of Humanities, Member  
Email : [dean.hum@uoz.edu.krd](mailto:dean.hum@uoz.edu.krd)

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Lecturer Dr. Dlzar Ali Kheder  
Represetative of the Teaching Staff, Member  
Email : [dean.asst.sci@uoz.edu.krd](mailto:dean.asst.sci@uoz.edu.krd)

## **Administrative Affairs Directorate**

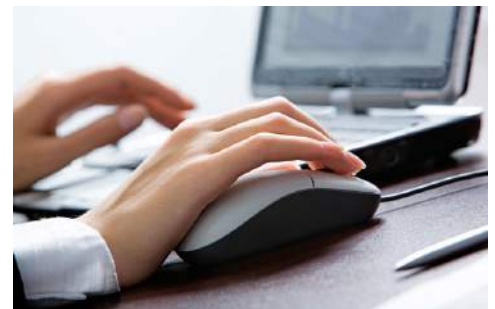
Administrative Affairs Directorate is responsible for planning, developing and managing all administrative issues, optimal university performance and implement action on staff policies and regulations; providing efficient and timely core services, procuring and managing the administrative affairs for all Directorates and Offices of the university in order to facilitate their smooth functioning

## **Financial Affairs Directorate**

Financial Affairs Directorate main duty is the implementation of the budget. It also follows-up the financial needs of the university regarding services, fixed assets, purchasing materials, maintenance and salaries. In addition, preparing and discussing the annual budget with the ministry of finance

## **Legal Affairs Directorate**

Legal Affairs Directorate is the university's main legal advisor regarding all legal matters, providing legal advice to senior management for strategic and planning purposes, playing an active role in decision making .and maintaining current knowledge and understanding of the university's strategies  
It also performs and manages all required legal functions including advising, drafting, reviewing and negotiating, as policies and procedures, by laws and transactional contracts and agreements



## The Vice President for Financial and Administrative Affairs:

The vice president of financial and administrative affairs is the highest financial level and administration expert within the university. He is not only an expert on individual aspects of finance, accounting and administration, but he understands how all the pieces fit together, how the information is used by other functions in the university and the regulatory requirements related to financial and administration disclosures. He is responsible for ensuring that cost effective operations and ensures that the university is well positioned in a rapidly evolving and competitive environment by being an agent for ongoing university changes, and ensures that strategies are clearly understood and that the university is achieving its strategic goals. In conjunction with the President he identifies and leads new university development opportunities.

The vice president of financial and administrative affairs is responsible for the following directorates:

[Administrative Affairs Directorate.](#)

[Financial Affairs Directorate.](#)

[Legal Affairs Directorate.](#)



Asst. Prof. Dr. Abdulhameed Sulaiman  
Vice President for Financial and  
Administrative Affairs  
Email: [vpresident.adm@uoz.edu.krd](mailto:vpresident.adm@uoz.edu.krd)  
Phone: 00964 750 403 0328

## **Directorate of Scientific Affairs:**

Directorate of scientific affairs Supervising and following up all the scientific activities of the University such as:

1. Proper implementation of scientific programs
2. Preparation of scientific researches plane .
2. Scientific devotion for the Faculty members.
3. Writing and printing textbooks.
4. Scholarships / fulltime and part-time study for students in Iraq.
5. Curriculum / B.Sc. BA, M.Sc., MA and PhD.
6. Performance assessment for Faculty members and senior leadership.
7. Conferences, seminars and workshops.
8. Supervising Scientific Journals and following up their issues.
9. Central promotions.

## **Directorate of postgraduate affairs:**

The directorate of postgraduate studies is the administrative reference for the Department of postgraduate studies at the university. It links the Departmental postgraduate programs, and their development with higher scientific committee at the Ministry of Higher Education and Scientific Research.

### **The duties of the Directorate:**

Establishment and running the postgraduate ( M.Sc. and PhD ) programs at the level of the University  
By preparation of annual postgraduate admission plan for various programs in the University.  
Supervising the postgraduate admission examinations, finalizing the results and preparing them for authentication and approval by the University Council and the Ministry of Higher Education.  
Setting admission regulations for Postgraduate studies for the following academic year, in coordination with the Ministry.

Announcing the names of the admitted students after its approval by the Kurdistan MHE.

Approval of courses and postgraduate projects of the admitted students.

Establishment of split-site PhD program in collaboration with international Universities and Centers of Excellence in various parts of the world.

## Vice President for Scientific Affairs and Postgraduate Studies:

The vice president supports the president in the performance of the university duties and responsibilities, maintains effective working relationships with executive agencies of the university, provides leadership to promote excellence in teaching, postgraduate programs and research plane as well as all services across the university system. This leadership role is collaborative in nature, as the vice president works closely with the campus provosts to achieve the goals of the university. He supervises the academic affairs of the university, the development and implementation of the programs and academic policy initiatives and direction. He works collaboratively with the other vice presidents and coordinates closely with campus provosts on their development and review of undergraduate and post graduate academic programs and professional programs. He collaborates with campus leadership and faculty governance in the review and development of the academic program policies. In addition, the vice president supports the university's efforts to champion sciences and inclusive excellence and to expand the use of technology to enhance learning, research activities.

### **Vice President of Scientific Affairs is responsible for the following directorates:**

- Directorate of the Scientific Affairs.
- Directorates of postgraduate Affairs.
- Quality Assurance Directorate.
- Planning and Development Directorate.
- Directorate of the Curriculum Development.
- Safety and Security Directorate.
- Import Directorate.
- University Journal.
- Scientific Research Center.
- Training and Development Center.
- computer and Internet Center.



Asst.Prof. Dr. Omar A. M. Al-Habib,  
Vice President for scientific Affairs  
and Postgraduate Studies  
Email: [vpresident.sci@uoz.edu.krd](mailto:vpresident.sci@uoz.edu.krd)  
Phone: 00964 750 433 12 42

## Directorate of International Relations:

### Director's Message:

A global mindset, the ability to thrive in diverse cultural settings, and the willingness to embrace new opportunities – these are the attributes that will equip Zakho University graduates to make distinctive contributions in an increasingly globalized environment. Nurturing these attributes is a strategic mission at UOZ and is where IRO plays a pivotal role, working in tandem with Faculties and Departments to provide opportunities for our students to explore and engage with the world, and learn in the global arena.

In support of UOZ's participation and leadership roles in strategic global alliances and activities, networks, IRO represent UOZ at high profile network meetings and facilitates UOZ's hosting of key events, conferences and programs as part of its network. Strives to raise the visibility of UOZ worldwide and promote our international programs through events, visits, conferences and trips abroad.

### Mission:

In order to catch up on the latest education systems and to keep up-to-date with the newest technology, we must interact with and learn from the education systems of other nations because we cannot thrive in isolation. International exchanges of information, resources and people are critical to developing our education system and they are key investments in the future relationships between us and others around the world

In the office of international relations, we work on internationalizing our education system through exploring new strategies which are designed to give us a greater understanding of our needs to be globally recognized and accredited. We coordinate and guide University of Zakho's international cooperation and activities. We are dedicated to improve our education system through our cooperation with other universities and education institutions internationally in the fields of partnerships, training courses and partnerships.

We manage, coordinate and supervise all international activities at the University of Zakho. Facilitating both student and teacher exchanges and managing the funding for international partnerships is, indeed, one of the priorities of the university's international policy.

## Quality assurance directorate:

Quality assurance directorate is one of the most important units in any university. It is committed to providing a high level of education in all fields. Teaching Quality Assurance (TQA) is the systematic review of educational programs to ensure the acceptable standards of education.

1. Instill confidence in the value of the certificates awarded to students
2. Assure the public that the quality of education and lecturers offered by our universities and institutes are up to date and on a level of those offered by international universities.
3. Support students during their course of study
4. Writing reports, reviewing, following up, observing, filing and decision making.
5. Examining the lecture contents and methodology

The Teaching Quality Assurance program involves highlighting both the weaknesses and strengths of all aspects of work in the university: administration, teaching and learning. Based on input, training and outcomes, a high standard of education can be achieved and maintained through the TQA program.



## **Directorate of Health and Safety:**

The mission of this Directorate of health and safety is to create a healthy, comfortable and safety atmosphere to enable the students to achieve their academic goals and to enable employees better services to students. To achieve that mission, we make the following pledge:

1. Provide professional health, safety and security services that respect the rights of those we serve.
2. To value the diversity in the University of Zakho.
3. To engage our constituents in the quest for safety, recognizing that everyone that works, teaches, and studies at the University has a role in the health, safety and security on the campus.

The directorates main goal is to maintain a healthy, safe and secure environment and to provide public safety service for all persons living, working and visiting the university.

## **Import Directorate:**

The import directorate is an essential unit in the University since it is responsible for providing all the Departments and research centers with modern teaching facilities, teaching laboratory equipments and accessories and providing the research center and its laboratories with modern and advances research instruments and facilities. Furthermore, the unit also take care for providing the undergraduate and postgraduate ( MSc and PhD ) projects with needed laboratory requirements.

To ensure the continuous supply of all the Departments in the University with their requirements, the import directorate ask these Departments to submit their requirements at least 3 months before the end of the academic year to make requirements ready for the next academic year.



## Directorate of Curriculum Development:

Curriculum development deals with the preparation of all that is going to be taught in various Departments and Schools of the university.. The directorate prints the programs to be used as an official documents, and as guides for the teaching staffs and students. Furthermore, they perform the following:

1. Participation in regular meetings held in the office of the Ministry of Higher Education and Scientific Research / Erbil, to discuss the reality of the curriculum in Kurdish Universities, the modes of curriculum developing, its upgrading, and submit their recommendations to the Council of Ministry of Higher Education for possible approval.
2. Follow-up to the implementation of the 2014/2015 academic year plan of the University of Zakho .
3. Dissemination of recommendations and guidelines issued by the Directorate General of Curriculum Development in the Ministry of Higher Education and Scientific Research, the various sections in Zakho University and after its ratification by the President of the University Assistant Special Scientific Affairs those recommendations on the number of academic units (Units) and the number of subjects (Subjects) each phase.
4. Hold meetings with all heads of departments at the university and discuss with them on the following topics:
  - How Teaching Academic debate in the first stage and the need to interest in this matter and that contribute to the construction of the student's personality and development capabilities.
  - Distribution of grades (Grading) on activities (Activities that- contained material Academic Debate).
5. Attend meetings held on how to prepare the curriculum for different Departments , with emphasis on the need to observe the regulations issued by the Ministry of Higher Education and Scientific Research.
6. The Department of Curriculum Development in Zakho University prepare a manual that includes tuition units and vocabulary curriculum (Syllabus) for the four years programs for all Departments of University of Zakho . It is worthwhile to mention that UoZ was the pioneer among all Kurdistan Universities.

## Scientific Research Center.

Scientific Research Center is an independent multidisciplinary research institute established by the University of Zakho on ..... 2012 and linked directly to the University. The main aim of the center is to pursue and promote high quality research and training programs of international standards. Since the center is a multidisciplinary, the administration and some research laboratories are located in Science Building No 2 where as other research laboratories are located on other University building. It is worthwhile to mention that the SRC Complex which includes 36 research labs, tents of offices, library, seminar halls and other facilities are under construction and it is hope to be completed soon.

SRC encourages collaboration between specialists from different disciplines with in the university, thus opening up new fields of enquiry to meet scientific, social and economic needs. SRC developed interdisciplinary programs which like the center with various Departments as well as other research institutions and industry. As the SRC is a large fundamental research organization in Kurdistan, and providing opportunities for postgraduate ( MSc and PhD) students and the staffs of the University to carried out research in several fields of knowledge.

### **The Interdisciplinary research projects are undertaken in the following domains:**

- Applied and Industrial chemistry
- Petroleum and Mechanical Engineering
- Life Sciences and its social implications
- Information, communication and technology
- Environment, energy and sustainable development
- Nanoscience and nanotechnology, materials
- Remote Sensing and Geographic Information System

### **Research Facilities :**

The research center have a number of advanced analytical and other research equipments and facilities which includes:

- 1 - GC – MS Chromatography.
- 2 - LC – MS chromatography.
- 3 - Analytical High performance Chromatography.
- 4 - Preparative High Performance Chromatograph.
- 5 - Gas Chromatography.
- 6 - CHNOS Elements Analyzer.

## University of zakho journal:

Journal of University of Zakho is a peer reviewed academic research journal established at the beginning of the academic year (2012-2013). The purpose of this journal is to publish a high quality research papers strategic studies in both Science and Humanities disciplines on the basis of its originality, and become motivated to academic staff of the University of Zakho for research, development and progress in all fields of science and humanities



## Training and Development Center:

The Training and development center offer courses in English, Computer and Teaching Methods to the faculty, staff and local community. This center gives the students an opportunity to improve their skills in all three areas.

The center offers the following course:

1. English languages courses including general English for beginners, intermediate and advanced level learners.
2. Computer Proficiency courses for students to improve their skills
3. Teaching Methods to help lecturers develop their teaching skills in the classroom.



- 7 - Atomic absorption spectrophotometry.
- 8 - Infrared Spectroscopy.
- 9 - Different types of Microscopy.
- 10 - Electrophysiology Equipments.
- 11 - Conventional and Real time PCR.
- 12 - Plant Tissue Culture Facilities.
- 13 - Molecular Biology Facilities.
- 14 - Nanotechnology Facilities.
- 15 - Plasma physics Facilities.
- 16 - Nuclear Physics Facilities.
- 17 - Remote Sensing Facilities.
- 18 - Information and Communication technology Facilities.

The Applied Sciences at the Centre are flourishing, since during the last few years, the Centre's faculty members and other teaching staffs and postgraduate students have published a number of quality research papers in several prestigious, national and international scientific journals with impact factors.

It is worthwhile to mention that the University of Zakho is planning to open a new Strategic Studies Center which will be an academic center devoted to political, social and economic issues with issues of regional and international importance. Its activities will include lectures, workshops, conferences and cultural events.



## 5 - Maintenance Division:

The work of the computer maintenance is a special work. The main task of the maintenance Division is to maintain computer devices and network connection devices as well as to the other utilities that relates to the computer machine. This Division provides effort and financial returns and also provides speed in completing the work without recourse to outside expertise.

## 6 - Remote sensing (RS) and geographic information system (GIS) Division:

The RS and GIS Division is a research division of scientific specialization in the use and interpretation of visualization space. The mission of this Division is to provide scientific and technical consulting in the field of RS technology and GIS by means of the use of applied technology for the RS & GIS and employed it in fields that serve the community. Moreover, it also provides leadership in the application and technical transfer of appropriate spatial data and information technology to the professional workforce and society at large. The Division will dedicate in strengthening the application of spatial information systems technology to promote and enhance community-based decision support with the goals of sustainability and improvement of human well-being



## **Internet and Communication Technology Center:**

The Internet and Communication Center at the University of Zakho has an effective contribution in the field of education, training and development of educational and academic domain to serve the educational process at in the University. The Center consists of the six divisions: the Software Division, the Internet and networks Division, Website Division , Training Division, fundamental maintenance of computers Division, and the Remote sensing (RS) and geographic information system (GIS) Division. The aim and the scope of each Division can be described as follows :

### **1 - The Software Division:**

The software Division is one of the Center tasks at the university level regarding the work that is characterized by building and preparation of software systems, services and development software application. Such a software application is demanded and required for the faculties and departments of the university at all the terms presented. Provide several programs with high efficiency such as the registry program and commission test scores programmes, as well as a number of utilities for a number of departments in the university

### **2 - Internet and networks Division:**

Internet and networks Division is a main service of the computer and Internet Center as providing Internet service to the all departments and faculties. Moreover, its task includes the establishment of regular maintenance and development of rooms and systems. In addition, this division provides and manages the Internet and the local intranet network for the University staff.

### **3 - Website Division:**

This division is responsible of managing and updating the website of the University. Such a task includes design, monitor, create and manage the digital account of all the University staff. Moreover, it controls and updates the intranet pages.

### **4 - Training Division:**

The Training Division is the basic unit of teaching computer and Internet at the University where they provide training courses for students, scientists and administrative staff during the year. The task is also taken in the consideration to hold course promotions scientific graduate students and faculty within and outside the university. Furthermore, it aims to provide sessions of development in all areas (systems, software).

## Student's accommodation directorate:

UOZ is committed to helping provide free accommodation for students from outside Zakho and aims to provide its students with a comfortable friendly environment that will help them in bettering their education and achieving excellence. All dorms have dormitory supervisors who enforce the dorm rules and manage any issues that arise.

1. All rooms are fully furnished and equipped with a kitchen and living area.
2. Daily cleaning services
3. Male dormitories are located within the campus and female are located inside Zakho city.
4. Transportation is provided between the campus and female dormitories.





## Vice President for Student Affairs:

Student Affairs is responsible for students' lives outside the classroom from housing to food services, career services to counseling, the student center to student org advising, and so much more, Student Affairs enriches the students experience outside of the classroom. This division engages the students in activities and culture in both the campus and surrounding community. Student Affairs offers support to students in need and creates a healthy environment for the students to achieve their goals and become an effective factor in the community. The directorate of Student Affairs is committed to building student leaders for our community. We truly believe that we can make a difference in this community by preparing students properly for community leadership. Together with our University of Zakho partners, we have a chance to make a difference in our communities—local, regional, and global. . Our strategic plan is focused on helping us achieve our goals and objectives.

**Vice president for students affairs is responsible for the following directorates:**

- 1 - **Student's Accommodation**
- 2 - **General Registration**
- 3 - **Engineering Affairs**
- 4 - **Sports**
- 5 - **Media and Communication**



Asst. Prof. Dr. Abdulwahab Khalid Mosa  
Vice President for Student Affairs  
Email: [vpresident.stud@uoz.edu.krd](mailto:vpresident.stud@uoz.edu.krd)  
Phone: 00964 750 445 5400

## Engineering affairs directorate:

Engineering directorate is an engineering technician directorate associated with the President of the University and offers its services to all faculties and departments of Interior and the Office of the presidency of the university and the rest of the administrative facilities associated with the university.

Director of the Department of Engineering: is the one who manages and oversees the administration section with all its technical, administrative sections, and units and has the authority to guide the implementation of the business and determine the duties and the distribution functions of the section on all the staff of the section, each according to its competence.

1. To do the preliminary studies and planning on the needs of faculties, new buildings with expansions, college projects, centers and housing.
2. To do studies and follow ups to prepare the investment budget and the annual one in relation to the buildings and maintenance.
3. To prepare studies and designs for multiple projects for different buildings in the University.
4. To provide technical advice to diagnose and resolve technical problems.



## Directorate of General Registration:

The Registration Unit serves students, alumni, staffs and external organizations in support for the achieving the University goals, discovery learning and engagement and also is committed to excellence. We are committed to be efficient and competent at work, constantly seeking improvement.

Further more, it is also engaged in maintaining an environment in the office and campus that encourages growth, supports academics, respect people values, their differences, and promotes communication and participation throughout all divisions of the university.

1. Aspires to present continuously improving services through a dedicated and skillful staff, improved and efficient processes that guarantee integrity, confidentiality and security of all academic records.
2. Finalize acceptance of students at the university faculties in the undergraduate.
3. Contribute to the preparation of study plans academic calendar, instructions for awarding degrees and admission instructions.
4. We provide accurate timely related to the upgrade and dissemination of course related information, enrollment registration, grade reporting and graduation of students. In addition to the creation, maintenance and dissemination of academic certifications for past and current students.
5. We work closely with both faculties at the university in a manner that is based on principles of fairness, good stewardship, and commitment to excellence.
6. Follow up the registration procedure.
7. Prepare for the addition and withdrawal process
8. Provide statistics related to students and alumni

## Media and Communication Directorate:

The Media Unit works hard for the UOZ aiming to be an effective communication tool between the university and local, regional and international communities. It informs the community about the academic and non-academic activities. For example, events such as, conferences, workshops, seminars, festivals, sports competitions, celebrations.

Also, the unit oversees the UOZ News Center Website which is an important resource for news and activities inside and outside the university. In addition, it is responsible for issuing a number of publications which develop culture and thought in addition to contribute to the rise and progress of knowledge awareness as well as artistic and cultural creativity



## Sport Directorate:

The objectives of the unit of Physical is within the general framework of the philosophy of the university, which is confirmed by Vice President for Student Affairs and is part of the philosophy of the society as a whole, and these objectives can be identified as follows:

- Educational and social goals including the development of sport and give the student the skills and social experience that work to strengthen social ties among students.
- Work to make the students benefit in the fields of sport in the investment of free time in the things that develop their personality and take advantage of other specializations.
- To give the sport an important role in building bridges of communication and acquaintance with other universities within and outside the country for the purpose of exchanging experience in the field of sport activities to students. Furthermore, the practice of sport activities help to integrate health in terms of growth and development of physical attributes, intellectual and different motor skills as it makes the student with a physical ability and mobility to bear the burdens of the study..
- It also helps in the training of students admitted through the process of training courses, and open training sessions during spring and summer vacations for the staff and their guests as well as students of the university.



# University activities

The University of Zakho integrates the academic, social and community spheres of the students' lives into a vibrant and youthful atmosphere. There are continuous activities and programs for students and academic staff of the university to be involved in ranging from the annual celebrations on the university calendar (most of which are organized by university and some of them run by the students themselves) to the annual university student picnics. Other activities within the universities calendar are, Book Exhibition, folk Exhibition, conferences, workshops and seminars offered for their benefit and participation.

Each year, the staff and students of the English department perform a play in English to the local residents of Zakho. Most recently the students presented William Shakespeares, "The Merchant of Venice". Another important activity in Zakho University is sport activity which provides separate sports facilities and activities for male and female students under the supervision of the university sport body; organizes tournaments among the Faculty teams in sports such as football, handball, volleyball, basketball, table tennis and chess. In addition each year there is university day at 25 April, all students and academic staff celebrate in this day University of Zakho is participating in 16 Days campaign to combat family violence under the title (from peace in the home to peace in the society), which held in (25/11/2012) to (10/12/2012). In this campaign a variety of events had been held to educate students about how to establish a peaceful family life.





[www.facebook.com/UoZakho](http://www.facebook.com/UoZakho)

[www.uoz.edu.krd](http://www.uoz.edu.krd)



## Library facilities

The library of university of Zakho is dedicated to supporting the educational mission of the university by providing access to both traditional and digital scholarly resources. The university has paid special attention to its library by providing it with an adequate budget to enrich its collections of books, periodicals and other information resources. It offers its services to the university community including the students, the faculty members, and the administrative staff, in addition to the researchers from outside the university and from other universities in Kurdistan. In the near future the university plans to implement a modern library system where students and researchers can access information using audiovisual materials and computers for electronic and internet services.





## Student Facilities and Services

The university provides facilities such as libraries, housing accommodations, financial assistance, cafeteria food service and sport activities to all students to inspire ambitions in a nurturing learning environment :



## Internet Services

Internet services provide a wide range of facilities for both under Graduate and postgraduate students. Students who have their own laptop will find wireless connection to the internet and university network available across campus.

## Student Union

As a net result of experiencing democracy in the region, many student organizations and unions were established that look after students, solve their problem, defend their rights and support their scientific and social activities. The student union that will represent the students at the university, is nominated through periodic elections and the winner becomes the legitimate representative of the students. Then, winner union is going to select members of its committees and representatives at different levels, Presidency of the university, Faculties and Colleges as well as the scientific Departments aiming at establish a coordination between the University Administration and students to contribute in their relevant activities.



## Financial Assistance

University of Zakho provides all students on equal opportunity basis free education. It also provides free accommodation to students from outside Zakho city. Furthermore, the University financially support the students by awarding them monthly a reasonable budget to cover some of their expenses.

## Cafeteria Food Services

The Cafeteria provide meals for students, academic and administration Staffs and can be accessed at any time during the opening hours of the university. All meals are offered at reduced prices and the student can select from a large varieties of foods ranging from fast food to a full meal.



## Requirements:

### Acceptance of students in the University of Zakho

- Iraqi nationality or (any other nationality).
- Holds an Iraqi high school Degree or ( any other equivalent high school Degree).
- Medical tests certificate.
- Graduates of the last school year and the past three years that precede it and is not admitted to any college or institute in the country or private college.
- The first quarter of the graduates of the Islamic high schools in Islamic Sciences, Arabic language and history Departments of the School of Arts.
- The first quarter of the graduates of the Vocational High Schools in Computer Sciences, Commerce and banking, and Business Economic Departments.
- The graduates of branches in the professional morning schools and secondary professional evening schools are allowed to apply to the Board of Technical Education but the rates of their acceptance is determined in accordance with plan requirements for admission of the Ministry of Higher Education and Scientific Research.
- The registration is being by the Zanko line .

## Postgraduate Studies:

### Master Degree

Master's program is an efficient and most effective program that offer quality teaching and high standard project supervised by quality staffs and performed in advanced research laboratories provided with modern research equipments and accessories. This enable the university to prepare high standard post graduate staffs and cadres to meet the future needs of the University of Zakho. During the first year, the students attend advanced courses in the field of their specialization for two semesters. After passing the required courses successfully, the students start their research projects, which end with preparation of the thesis, its debates and final approval of the thesis by the examination committee.

# Admission and Registration

## Undergraduate Admission:

The system for the acceptance of students in all of the universities in Kurdistan Region is centralized. The students are accepted with the help of the Centralized Directorate. This directorate is part of the Ministry of Higher Education and Scientific Research. The students apply to the desired Department via a computerized application site called Zankho Line. The selection of a given faculty or College Depends on the students graduation degrees at the high school. This process is only available for a high school graduates and they will be accepted in the Universities and Institutions in the Region of Kurdistan. Therefore, the University of Zakho accepts students annually to all of their Scientific Departments. After their acceptance in this process the students are obliged to connect with the General Registration Directorate in the University of Zakho for their certainty of approval in desired Scientific Department. Furthermore, the students from outside of Zakho are given accommodations by the Directorate of Dormitory. After this process, the students join the scientific program of the nominated Department in the University of Zakho at no cost. The university of award the following undergraduate degrees

- BA (Bachelor of Arts)
- BSc (Bachelor of Science)
- BEd (Bachelor of Education)



## General Conditions of Application and Admission for post graduate studies inside Kurdistan:

- The maximum age of the applicant to study Master is (45) forty five years.
- The maximum age of the applicant to study PhD is (50) fifty years.
- The applicant of Master should have an average not less than (65%).
- The applicant of PhD should have an average not less than (70%).
- Applicants of the Master (of staff) should have a real effective service of two years after getting the last certificate, and the period of service is calculated from the date of attending the job with a full-time study.
- An applicant of PhD is required to be an employee (except employees of higher education who are subjected to the Law of the University Service) that the service has to be real and effective for a period of two years after getting the last certificate and the period of service is calculated from the date of attending his job .
- An applicant should pass the interview conducted by the academic department to determine his eligibility for the study and to ensure his physical, mental, psychological and to suit his specialization.
- An applicant is required to participate in the entrance exam.



## Doctorates Degree:

Doctoral studies are one element in the development of knowledge and may perhaps be summarized in the words 'new knowledge' and 'disciplinary and academic training'. The aim is to produce capable researchers, whether they will work in higher education or outside of higher education.

The purpose of the doctorate is to train doctoral students in disciplinary and academic traditions, and above all to develop independent and critically minded researchers.

Doctoral students must learn research methodology, critical analysis and independence in their studies. Research training must therefore stimulate them to adopt a disciplinary approach, which includes:

- The ability to formulate questions pertinent to the discipline and to give structure to a scientific argument.
- The ability to find adequate methods and theories for tackling problems.
- To be able to reflect critically on the subject of their dissertation.

Doctoral study takes three or more years of independent study and research. Almost all Doctorates are completed purely by research, ending in a dissertation or thesis of 100,000-70,000 words (shorter in science).



## General Requirements for Scholarships

- Applicants applying for the Master's degree should hold the Bachelor's degree;
- Applicants applying for the Ph.D. degree should hold the Master' degree;
- The applicant should hold a certificate from an institution recognized by the Ministry of Higher Education;
- The applicant's average grade point for the Bachelor's degree should not be less than %65 or the applicant should be in the first quarter of his/her graduation class;
- The applicant should not be over 35 years of age for the Master's degree and 40 years for the Ph.D. degree;
- There should be a relationship between the applicant's education and the program for which he or she is applying.

These requirements should give you a calculated sum scores for your HCDP application.





## Scholarships through the Human Capacity Development Program:

The goal of Human Capacity Development Program

- Training a highly skilled young generation in various fields of science and technology.
- Meeting the needs of Kurdistan Region's free market and economy for trained, specialized and highly qualified leaders in all sectors of the Region's economy;
- Benefiting from the experiences and expertise of technologically developed and advanced nations to help in the process of knowledge transfer;
- Promoting excellence in scientific research in Kurdish universities.



# The Faculty of Science

## I - School of Natural Sciences

- Department of Biology
- Department of chemistry
- Department of Environmental Sciences

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## II . School of Pure Sciences

- Department of Physics
- Department of Computer Sciences
- Department of Mathematics



Dean of faculty of science.

Prof. Dr.Fadhil H. Easif

Dean of the Faculty of Science, Member

Phone : 00964(0)750 458 1830

Email : [dean.sci@uoz.edu.krd](mailto:dean.sci@uoz.edu.krd)

# Faculty of Science

After declaring the University of Zakho as an independent University according to the Prime Minister Resolution No. 1670, on July, 8th 2010, the Ministry of Higher Education issued the resolution No. 644 on July 12th, 2010, concerning the reorganization of the Colleges of Education and Commerce into the Faculties of Science and Humanities. The duration of the study in the Faculty of science is four academic years and the graduate will obtain B.Sc. Degree in Science. At the moment, the Faculty enrolls 1058 undergraduate students.

The Faculty is also offering postgraduate programs (M.Sc. and Ph.D.) in various disciplines. The faculty accepting PhD students according to its distinct split-site program and enrolling at the moment 30 PhD students and about 100 MSc students. The Faculty has highly efficient and well experienced teaching staff members providing the students with high quality courses using modern teaching and practical facilities to fulfill the market requirements with qualified graduates. As a part of capacity building program, the Faculty also organized several conferences, workshops and training courses for teaching staff members, technical staffs as well as, school teachers from various regions of Kurdistan.



**The Department is committed to helping students to acquire :**

- a knowledge of basic facts and theories in biology
- the ability to interpret critically this knowledge and to relate it to other subjects
- the ability to add to the body of biological knowledge through research
- the ability to communicate their understanding to others both within and outside of the field.

To achieve this mission the department must provide a modern and suitable educational and research equipments and facilities for both under- and postgraduate students.

# School of Nature Sciences

## Department of Biology

### About the Department

The Department of Biology was established in 2005. It provides knowledge, practical training, theoretical skills and abilities for the further education and successful employment of our graduates. We prepare the students to be lifelong learners as scientists, teachers, researchers, health care professionals, as well as users and developers of technology. In addition to Undergraduate program, the Department offers MSc and Split-site PhD Programs in various Biology disciplines. Our missions of teaching and research strongly complement each other and provide students with an educational experience of very high quality. The Department is also actively conducting many projects in collaboration with numerous international universities, Research Centers and Foundations.

### The Objectives

Furthermore, our programs allowing the students to communicate effectively, demonstrating analytical, critical thinking, and problem solving skills. Also provide the students with hands on skills via indoor and outdoor laboratory exercises using modern equipments and laboratory facilities. Furthermore, the Department offers opportunities to undergraduate students to visit national and foreign Universities, participate in National as well as International conferences and workshops.

The Department of Biology recognizes excellent student education as its first priority. In addition to formal programs of study, we offer opportunities for research, community services, field and laboratory activities, and secondary education training. These goals are achieved through providing the students with foundational knowledge in the Biological Sciences.



Prof. Dr. Wijdan M. S. Mero

Head of Department

Email : [biology.dept@uoz.edu.krd](mailto:biology.dept@uoz.edu.krd)

Phone : 00964750 7539733

Specialization :

[Microbiology \(Parasitology\)](#)

# Department of Chemistry

## About the Department

Chemistry department is one of the Faculty of Science's departments in University of Zakho. This department was established in 2005. Through this department, University of Zakho would like to share some of the excitement of chemistry, joy of learning it as well as teaching the theories and application of chemistry which touch nearly all aspects of mankind. The knowledge of chemistry that we deliver to our student (undergraduate and postgraduate). Chemistry have found answers to many questions (industry future, genetic diseases...etc.).

We prepare the students to be lifelong learners as scientists, teachers, researchers, health care professionals, as well as users and developers of technology. In addition to undergraduate program, the Department offers M.Sc and Split-site Ph.D Programs in various Chemistry disciplines.

The department actively conducts many projects in collaboration with numerous international universities, research centers and foundations. Our mission is to provide the students with an educational experience of very high quality in order for them to serve the community of Kurdistan Region.



Asst. Professor : Dr. Maher Khalid Ali  
Head of Department  
Email : [chemistry.dept@uoz.edu.krd](mailto:chemistry.dept@uoz.edu.krd)  
Phone : 00964 (0)750 3013 744  
Specialization : [Organic Chemistry](#)

# Department of Biology Program (142 Units )



## First Year

- | No. | Subject               |
|-----|-----------------------|
| 1 - | Zoology               |
| 2 - | Botany                |
| 3 - | General Chemistry     |
| 4 - | Academic Debate       |
| 5 - | English Language      |
| 6 - | Computer Applications |
| 7 - | Kurdology             |

## Second Year

- | No. | Subject                  |
|-----|--------------------------|
| 1 - | Histology and Embryology |
| 2 - | Plant Taxonomy           |
| 3 - | Plant Anatomy            |
| 4 - | Biochemistry             |
| 5 - | Invertebrates            |
| 6 - | Biostatistics            |
| 7 - | Entomology               |

## Third Year

- | No. | Subject                    |
|-----|----------------------------|
| 1 - | Comparative Anatomy        |
| 2 - | Microbiology               |
| 3 - | Archegoniate and Phycology |
| 4 - | Genetics                   |
| 5 - | Ecology and Pollution      |
| 6 - | Cell and Molecular Biology |

## Fourth Year

- | No. | Subject                                                                                           |
|-----|---------------------------------------------------------------------------------------------------|
| 1 - | Plant Physiology                                                                                  |
| 2 - | Parasitology                                                                                      |
| 3 - | Mycology                                                                                          |
| 4 - | Pathogenic Bacteria and Immunology                                                                |
| 5 - | Animal Physiology                                                                                 |
| 6 - | Elective Courses ( Biotechnology, Comparative Embryology, Evolution, Food Microbiology ....etc. ) |
| 7 - | Research Project                                                                                  |

## Department of Chemistry Program ( 142 Units )



### First Year

- | No. | Subject                |
|-----|------------------------|
| 1   | Inorganic Chemistry I  |
| 2   | Analytical Chemistry I |
| 3   | Physics                |
| 4   | English For Chemists   |
| 5   | Computer Application   |
| 6   | Kurdology              |
| 7   | Scientific Debates     |

### Second Year

- | No. | Subject                 |
|-----|-------------------------|
| 1   | Inorganic Chemistry II  |
| 2   | Analytical Chemistry II |
| 3   | Physical Chemistry I    |
| 4   | Organic Chemistry I     |
| 5   | Calculus                |

### Third Year

- | No. | Subject                                |
|-----|----------------------------------------|
| 1   | Inorganic Chemistry III                |
| 2   | Industrial Chemistry                   |
| 3   | Organic Chemistry II                   |
| 4   | Physical Chemistry II                  |
| 5   | Biochemistry I                         |
| 6   | Differential Equations and Statistics. |

### Fourth Year

- | No. | Subject                                                                                              |
|-----|------------------------------------------------------------------------------------------------------|
| 1   | Identification of Organic Compounds                                                                  |
| 2   | Polymer and Petroleum                                                                                |
| 3   | Instrumental Analysis                                                                                |
| 4   | Quantum Chemistry                                                                                    |
| 5   | Biochemistry II                                                                                      |
| 6   | Elective Courses<br>(Heterocyclic Chemistry, Radiation Chemistry,<br>Bioinorganic Chemistry....etc.) |
| 7   | Research Project                                                                                     |



## **. The Objectives**

- 1 - Provide the society with graduates who hold Bachelor of Science in chemistry and various chemist titles where they can work in health laboratories, construction laboratories, control and standardization of food industries, pharmaceutical industries, and petrochemical industries.
- 2 - Provide the society with higher degrees (master's and doctoral degrees) which qualify them to work as researchers and lecturers in different research areas and universities and also to maintain the progress in chemistry science in the region.
- 3 - Enabling the students to communicate effectively, experience critical thinking and gaining problem solving skills.
- 4 - Offering opportunities to undergraduate students to visit national and foreign Universities, to participate in National as well as International conferences and workshops.

## Department of Environmental Sciences Program (138 Units )



### First Year

No. Subject

- 1 - Principles of Environmental Sciences
- 2 - Biology
- 3 - Academic debates
- 4 - Mathematics
- 5 - Kurdology
- 6 - Computer Application
- 7 - English language

### Second Year

No. Subject

- 1 - Eco statistics
- 2 - General Geology & Environmental Geology
- 3 - Plant & Animal Ecology
- 4 - General Physics & Environmental Radiation
- 5 - Instrumental Analysis & Environmental Chemistry
- 6 - Remote Sensing & GIS
- 7 - Biology

### Third Year

No. Subject

- 1 - Population, Community and Forest Management
- 2 - Environmental Health and Waste Management
- 3 - Entomology and Biological Control
- 4 - EIA & Environmental Legislations
- 5 - Instrumental Analysis & Environmental Chemistry
- 6 - Molecular Biology & Environmental Biotechnology
- 7- Research Project

### Fourth Year

No. Subject

- 1 - Phycology & Plant Community
- 2 - Environmental Pollution
- 3 - Biodiversity & Environmental Indices
- 4 - Limnology
- 5 - Environmental Microbiology
- 6 - Fundamental of Soil Science & Geochemistry

# Environmental sciences

## • About The Department

The Department was established in 2011 and award B.Sc. in environmental Sciences. An important responsibility that we have for today and for the future generations is to balance human needs with the preservation of a functional biosphere. To minimize human impacts and move toward more sustainable practices, we must understand the causes of ecological change and the complex interactions within ecosystems, and design effective strategies for pollution prevention and resources consuming.

This requires expertise in environmental monitoring and assessment, determination of appropriate regulations, and policy implementation. Through its curriculum and research opportunities, the Environmental Science program provides students with a strong scientific background for understanding and addressing the environmental challenges we face.

## . The Objectives

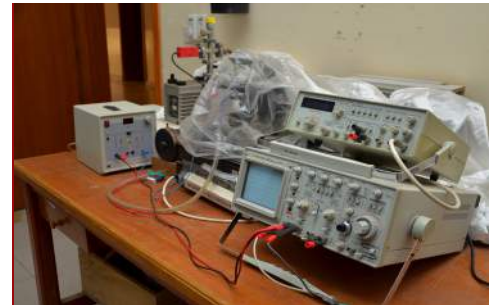
The aim of the department is to provide students with knowledge of, and practical skills in topics including:

- The science underpinning climate change and how we can adapt
- Energy use and efficiency and how we move to a renewable future
- The pathways of chemicals and pathogens through our environment
- The impact of pollutants on ecosystems
- How to formulate and test hypotheses through research
- Food and water security



Asst. Prof. Omar Mohammed Noree  
Head of Department  
Email : [environmental.dept@uoz.edu.krd](mailto:environmental.dept@uoz.edu.krd)  
Phone : 00964 (0) 0750 4709282  
Specialization : Food Technology

## Department of Physics Program ( 136Units )



### First Year

- | No. | Subject               |
|-----|-----------------------|
| 1   | Mechanics             |
| 2   | Electricity           |
| 3   | Computer Applications |
| 4   | Academic Debates      |
| 5   | English for Physics   |
| 6   | Calculus              |
| 7   | Kurdology             |

### Second Year

- | No. | Subject                               |
|-----|---------------------------------------|
| 1   | Analytical Mechanics                  |
| 2   | Atomics Physics                       |
| 3   | Thermodynamic & Statistical Mechanics |
| 4   | Circuit Analysis                      |
| 5   | Advanced Calculus                     |
| 6   | Differential Equations                |

### Third Year

- | No. | Subject                |
|-----|------------------------|
| 1   | Optics                 |
| 2   | Quantum Mechanics      |
| 3   | Electronics            |
| 4   | Numerical Analysis     |
| 5   | Complex Analysis       |
| 6   | Practical Physics I    |
| 7   | Nanotechnology & Sound |

### Fourth Year

- | No. | Subject                |
|-----|------------------------|
| 1   | Nuclear Physics        |
| 2   | Solid State Physics    |
| 3   | Electromagnetic Theory |
| 4   | Astrophysics           |
| 5   | Medical Physics        |
| 6   | Practical Physics II   |
| 7   | Research               |

# School of Pure Science

## Department of Physics

### • About the Department

The Department of Physics was established in 2005. It provides knowledge of physics, Practical and theoretical skills and abilities for the further education and successful employment of our graduates. We prepare the students to be lifelong learners as scientists, teachers, researchers, health care professionals, as well as users and developers of technology. In addition to undergraduate program, the department offers MSc and Split-site PhD. Our missions of teaching and Research strongly complement each other and provide students with an educational experience of very high quality. The department is also actively conducting many projects in collaboration with numerous international universities, research centers and foundations. The research ranges from fundamental topics such as plasma physics, nuclear, and quantum mechanics to the applied area of atomic, molecular physics, medical physics, laser and nanotechnology

### • The Objectives

- Principle concepts of basic physical phenomena's and theories in physics.
- The ability to interpret critically this knowledge and to relate it to other subjects
- The ability to develop these skills through research
- The ability to collaborate their research to others both within and outside of the field.
- To achieve this goal the Department must provide a modern and suitable Environment Education and research equipments and facilities for both under- and postgraduate students.



Asst. Prof. Dr. Shamo Khudeeda Awsi  
Head of Department  
Email : [physics.dept@uoz.edu.krd](mailto:physics.dept@uoz.edu.krd)  
Phone : 00964 7507580472  
Specialization : Plasma Physics

- **The Department is committed to helping students to acquire:**

- A career in information technology stressing on computer networks, network analysis, and network design.
- The proficiency and technical skills needed to successfully function in the world of Artificial Intelligent (AI), and the development and verification of a software system.
- A concrete comprehension on how to design, manages, and maintains computer-based information systems.



# Departments of Computer Sciences

## • About the Department

The Department of Computer Science, Faculty of Science, University of Zakho, was founded in the academic year (2005-2006). This Department encourages advancing and disseminating knowledge through research, teaching and learning in Computer Science and Information Technology in line with the hopes and aspirations of the people and the nation. The Department has undergraduate and postgraduate programs. The undergraduate program is a major in Computer Science. Upon graduation, candidates will be conferred with Bachelor of Computer Science degree. The postgraduate program presents the degree of master of Computer Science (MSC) and PhD. The MSC program is offered in coursework and dissertation mode only. Whereas, the PhD program is offered in coursework and thesis mode known as Split-site program. Indeed, such Department tries to be an internationally renowned centre of excellence in research and education in Computer Science and Information Technology.

## • The Objectives

- To sustain an outstanding faculty dedicated to excellence in undergraduate and postgraduate teaching, learning and research.
- To contribute towards the development of the nation through the production of quality research and publications.
- To provide innovative academic programs that can respond to the changing needs of the society.
- To produce quality graduates who are equipped with advanced knowledge and skills of computer science and information technology.



Dr. Nawzat Sadiq Ahmed

Head of Department

Email : [computer.dept@uoz.edu.krd](mailto:computer.dept@uoz.edu.krd)

Phone : 00964 (0) 07504698069

Specialization : Information Systems

# Department of Mathematics

## • About the Department

The Department of Mathematics was established in 2005. It provides knowledge, practical and theoretical skills and abilities for the further education and successful employment of our graduates. We prepare the students to be lifelong learners as scientists, teachers, researchers, as well as users and developers of technology. In addition to undergraduate program, the Department offers MSc and Split-site PhD programs in various Mathematical disciplines. Our missions of teaching and research strongly complement each other and provide students with an educational experience of very high quality. The Department is also actively conducting many projects in collaboration with numerous international universities, Research Centers and Foundations.

## • The Objectives

The Department of Mathematics recognizes excellent student education as its first priority, in addition to formal programs of study; we offer opportunities for research, community services and secondary education training. These goals are achieved through providing the students with foundational knowledge in mathematical sciences.

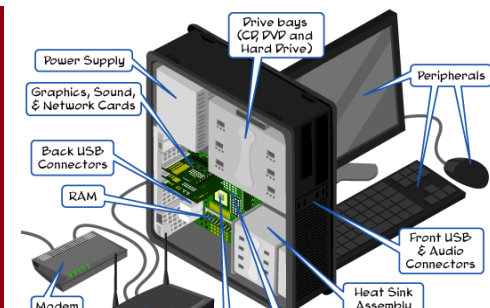
The Department enables the students to communicate effectively, experiencing critical thinking, and gaining problem solving skills. Furthermore, the Department offers opportunities to undergraduate students to visit national and foreign Universities, to participate in National as well as International conferences and workshops.



Prof. Dr. Khidir Rasho Sharaf  
Head of Department  
Email : [mathematics.dept@uoz.edu.krd](mailto:mathematics.dept@uoz.edu.krd)  
Phone : 009647504505579  
Specialization : [Graph Theory](#)



# Department of Computer Sciences Program ( 146 Units )



## First Year

No. Subject

- 1 - Programming Fundamentals
- 2 - Digital Logic and Organization I
- 3 - Discrete Structure
- 4 - Calculus
- 5 - Academic Debates
- 6 - English for Computer Sciences
- 7 - Kurdology

## Second Year

No. Subject

- 1 - Object Oriented Programming
- 2 - Data Structure and Algorithmic
- 3 - Computer Architecture
- 4 - Linear Algebra and Statistics & Probability
- 5 - Information System and Analysis
- 6 - Numerical Analysis and Signal Processing

## Third Year

No. Subject

- 1 - Database System
- 2 - Computation and Compiler
- 3 - Web Development
- 4 - Data Communication and Networking
- 5 - Computer Graphics and Vision
- 6 - Information Security

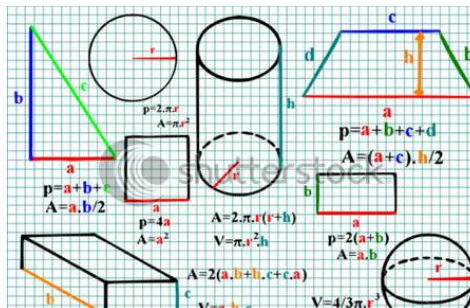
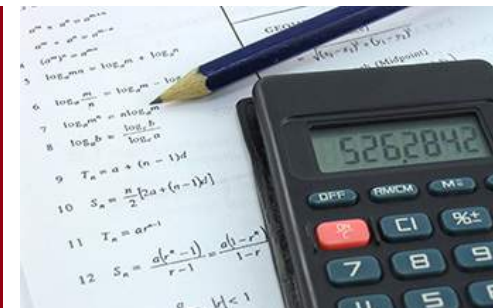
## Fourth Year

No. Subject

- 1 - Operating System
- 2 - Operating System
- 3 - Software Engineering
- 4 - Elective ( Modeling and Simulation, Parallel , Artificial
- 5 - Elective Neural Networks, Machine Learning,, Data Mining, Bioinformatics , E-Commerce, E-learning .... Etc)
- 6 - Research Project



# Department of Mathematics Program ( 152 Units ).



## First Year

No. Subject

- 1 - Calculus
- 2 - Mathematical Foundation
- 3 - Programing
- 4 - Academic Debates
- 5 - English for Maths
- 6 - Kurdology

## Second Year

No. Subject

- 1 - Advanced Calculus
- 2 - Ordinary Diff. Equations
- 3 - Linear Algebra
- 4 - Probability
- 5 - Axiomatic Systems of Geometry
- 6 - Advance Programming

## Third Year

No. Subject

- 1 - Real Analysis
- 2 - Abstract Algebra
- 3 - Numerical Analysis
- 4 - Mathematical Statistics
- 5 - Partial Differential Equations

## Fourth Year

No. Subject

- 1 - Complex Analysis
- 2 - Topology
- 3 - Graph Theory
- 4 - Applied Mathematics
- 5 - Optimization
- 6 - Research Project

# The Faculty of Humanities

## I - School of arts :

- History
- Islamic science

## II - School of language :

- Kurdish language
- English language
- Arabic language
- Turkish language



Asst. Prof. Dr. Newzat A. Zebary

Dean of Faculty of Humanities

Email : [dean.hum@uoz.edu.krd](mailto:dean.hum@uoz.edu.krd)

Phone: 009647504503163

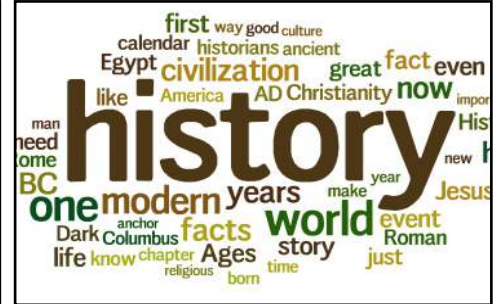
# Faculty of Humanities

The Faculty of Humanities is one of the faculties of the University of Zakho which was established in 2010. It includes two schools, namely: Arts, and Languages. The faculty has active teaching staff members dedicated to teaching and research in different disciplines in the field of humanities. It endeavors to enable students to follow their own academic interests and to be developed both intellectually and personally.

For undergraduate studies, the faculty offers BA degree in the fields of Kurdish, Arabic, English, Turkish Languages as well as History, and Islamic Studies. Furthermore, the Faculty also awards MA and PhD degrees in various disciplines



## Department of History Program ( 144 Units).



### First Year

No. Subject

- 1 - The Ancient History of Kurds
- 2 - History of Greece and Rome
- 3 - The Biography of Prophet & Al-Rashidi Caliphs
- 4 - The Geography of Iraq and Kurdistan Region
- 5 - Academic Debates
- 6 - Kurdish Language
- 7 - Arabic Language
- 8 - Computer Application

### Second Year

No. Subject

- 1 - History of Kurds at Medieval Ages
- 2 - History of Ommian State
- 3 - Sasanians and Bizantanions History
- 4 - Europe in Renaissance
- 5 - Ancient History of Egypt and Sham
- 6 - History of U.S.A
- 7 - Historical texts in English
- 8 - The Historical Mythodology of Research

### Third Year

No. Subject

- 1 - Modern History of Kurds
- 2 - Modern History of Europe
- 3 - Modern and Contemporary History of Iran
- 4 - History of Ayobian & Mamlukan state
- 5 - Orientalization
- 6 - Philosophy of History
- 7 - History of Abbasides
- 8 - The Political Geography

### Fourth Year

No. Subject

- 1 - Contemporary History of Kurds
- 2 - Contemporary History of Iraq
- 3 - Contemporary History of Arabs
- 4 - The Othman State and Turkey
- 5 - Greater States
- 6 - Islamic Civilization
- 7 - The Third World
- 8 - Graduation Research

# School of Arts:

## • Department of History

### • About The Department

The department of history was established in 2009 in the University of Zakho. The history is a keystone for most of other disciplines in the arts and the social sciences because it has remarkably few thematic borders. It is commonly acknowledged that understanding the past is fundamental to understand the present. The analysis and interpretation of history provide an essential context for evaluating contemporary institutions, politics, and cultures. Understanding the present configuration of society is not the only reason to study the past; history also provides unique insight into human nature and human civilization. By demanding that we see the world through the eyes of others, the study of history provides us with a richly-textured, substantive framework for understanding the human condition and problems. History is essential to the traditional objectives of the liberal arts, the quest for wisdom and virtue.

### • The Objective

The department gives student a fresh perspective on history as a discipline and better grasp of the sheer amount of accumulated experience of mankind and also seeks to provide appropriate education not only for student but also for those who wish to become professional secondary teacher of history and wish to contribute in the development of the society. Furthermore, the department offers opportunities to undergraduate students to visit national and foreign universities, to participate in national and international conferences and workshops.

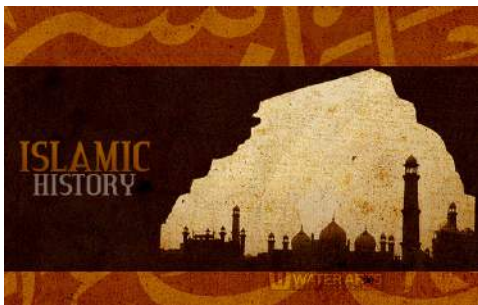
The department is committed to help students to:

-Get an absolute knowledge on the history of humanity since the first day of existence and until now.



Asst. Prof. Dr. Hoger Taher Tawfiq  
Head of Department  
Email : [history.dept@uoz.edu.krd](mailto:history.dept@uoz.edu.krd)  
Phone : 00964 750 4710863  
Specialization : [Modern History](#)

## Department of Islamic Studies Program ( 134 Units )



### First Year

No. Subject

- 1 - The Quranic Science and its Recitation Rules
- 2 - The Prophet's Biography
- 3 - Syntax and Morphology
- 4 - Library and Research Methods
- 5 - Kurdology
- 6 - Computer Applications
- 7 - English Language
- 8 - Academic Debates

### Second Year

No. Subject

- 1 - Interpretation of Ayat Norms & Memorization
- 2 - The Science of Hadith
- 3 - Philology
- 4 - Philology of Workshop
- 5 - Islamic Ideology
- 6 - Syntax & Morphology
- 7 - English Language

### Third Year

No. Subject

- 1 - Interpretation of Ayat Norms and Memorization
- 2 - Hadiths of Legal Provisions
- 3 - Philology of Dealing
- 4 - Islamic Philology
- 5 - The History of Islam
- 6 - Arabic Literature
- 7 - Syntax
- 8 - Islamic Philosophy

### Fourth Year

No. Subject

- 1 - Objective interpretation & Memorization
- 2 - Hadith of Legal Provisions
- 3 - Contrastive Philology
- 4 - Comparison of Religions
- 5 - Syntax
- 6 - Methods of Teaching
- 7 - Rhetoric
- 8 - Research Paper



## • Department of Islamic Studies

### • About The Department

The Department of Islamic Studies - Faculty of Humanities / University of Zakho was founded in September, 2011 due to the urgent need of this Department in Zakho and Dohuk Universities. The Department of Islamic Studies has the honour to teach the principles and legislation of the Glorious Quran and its Sunnah and sciences. This deepens the knowledge of students, including evidence of legal provisions on which the human connection with Allah and his society and the connection of the Muslim community to other communities. It also states individuals' responsibility and their society in

carrying the message to the end i.e.; message of mercy and love for all humanity, and emphasizes the human dignity and prestige, away from any discrimination, ideological, regional, racial or intellectual thoughts.

### • The Objective

The Department of Islamic Studies offers the best atmosphere for the students to study and recognize their true religion which is based on the Glorious Guran and the Prophetic Hadiths away from religious extremism. The Department also arranges field trips for other places such as archaeological sites and sometimes to ancient mosques. Also, the Department offers opportunities for the students to participate in national as well as international conferences and workshops.

#### **The Department is committed to help the students to :**

- Build balanced Islamic personal, doctrine, worship, discourse and behavior, to avoid the learners from the customs exaggeration, or excessiveness.
- Build personal refrain of scientific orientation and desires based on the evidence of legitimacy, and respect for human freedom. It also indicates the role of students' life in all scientific, educational, social, economic axes and others.
- Through the foregoing, we seek to create an educated, tolerant and cooperative generation and to remain our society in harmony and peace.



Asst. Professor Dr. Farsat Abdullah Yahya  
Head of Department  
Email : [Islamic.dept@uoz.edu.krd](mailto:Islamic.dept@uoz.edu.krd)  
Phone : 009647504592736  
Specialization : [Islam – Hadith Al-Nabawi Al-Sharif](#)

## Department of Kurdish Language Program ( 140 Units )



### First Year

No. Subject

- 1 - Academic Debates
- 2 - English Language
- 3 - Computer Applications
- 4 - Library and Research Methods
- 5 - Folklore
- 6 - Phonetics and Phonology
- 7 - Arabic Language

### Second Year

No. Subject

- 1 - Morphology
- 2 - Dialectology
- 3 - Literary Methods
- 4 - Ancient Literature
- 5 - Literary Theories
- 6 - Rhythm and Rhyme
- 7 - Kurdish Culture

### Third Year

No. Subject

- 1 - Modern Literature
- 2 - Theories of Criticism
- 3 - Literary Style
- 4 - Syntax
- 5 - Language Theories
- 6 - Persian Language

### Fourth Year

No. Subject

- 1 - Contemporary Literature
- 2 - Practical Criticism
- 3 - Comparative Literature
- 4 - Linguistics
- 5 - Semantics
- 6 - Translation
- 7 - Research Project

## . Department of Kurdish Language

### • About the Department

The Department of Kurdish Language was founded with the opening of College of Education on September 2002. The Department was attached to the College of Arts, University of Duhok till 2004 – 2005 and it had kept its scientific privacy. After the number of students increased, we obliged to separate Kurdish department with some other departments

### • The Objectives

The objective of the Department is to prepare teachers for high and intermediate schools to perform their duties after they equipped with information on Kurdish Linguistics and literature specializations including theoretical and practical requirements, so that the teachers don't need practical, psychological, and educational courses for all ages with the evaluation and measurement and teaching methods.

### Aim of the department

The aim of the department is to prepare teachers for high and intermediate schools to perform the following duties:

- 1 - Kurdish Linguistics and literature specializations with all the theoretical and practical requirements that are equivalent to those of other colleges of a similar programs .
- 2 - Educational duty, we work on this point side by side with the previous one so that the teachers don't need practical, psychological, and educational courses for all ages with the evaluation and measurement and teaching methods.



Dr.Hussein Othman Abdulrahman  
Head of Department  
Email : [kurdish.dept@uoz.edu.krd](mailto:kurdish.dept@uoz.edu.krd)  
Phone : 00964 750 469 5266  
Specialization : Lecturer

## • The Objective

Our goals in teaching are to enable our students to read well, to write well, and to think well in English language, and to provide them with appropriate knowledge in the discipline of English language and literature. More specifically, we aim to graduate students who have:

- express themselves in English language clearly and comprehensively, orally and in writing
- acquire an appropriate knowledge of relevant fields within literature, including, novel, poetry, drama, criticism, and within linguistics, namely, phonetics, phonology, syntax, semantics, pragmatics and sociolinguistics
- examine literature from multiple eras, cultures, and genres with critical understanding and linguistics from different theoretical frameworks
- acquire research skills which enable them to expand, from a variety of perspectives, their own readings of literature and understanding of linguistics

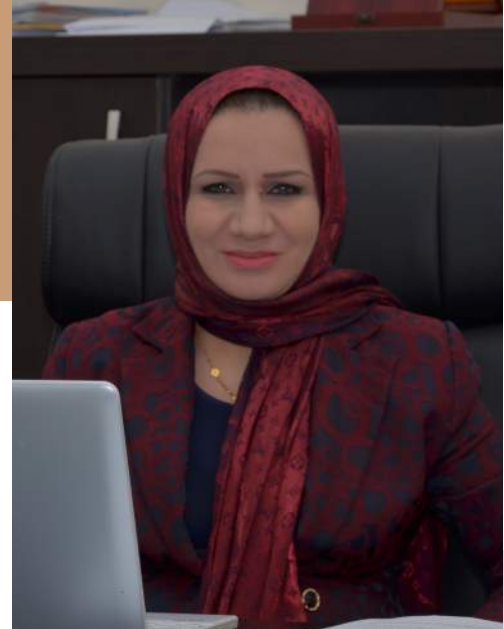
### **The specific strategies we use to achieve these goals include:**

- the close reading of texts in lectures, seminar presentations, and small-group discussions;
- the writing of analytical and other kinds of essays;
- research

## . Department of English Language

### • About the Department

English language Department is one of the departments that constitute school of languages at the faculty of Humanities, University of Zakho. The mission of the department is to enable the students express themselves in English language clearly and comprehensively, orally and in writing and acquire an appropriate knowledge of relevant fields within literature and within linguistics. The Department offers different courses for undergraduate level, such as English Linguistics, Literature and English language communication skills. The courses are arranged in a four year program. After fulfilling the requirements of the program, the student will awarded BA degree in English language and literature. The department has the capacity to enrol about 40 undergraduate students each year, however, the number varies according to the general admission plan of the Ministry of Higher Education. At the postgraduate level, the department offers an M.A program in English Literature. The program offers courses that address different literary genres, movements, authors, literary criticism, academic writing and research skill and publication of scholarly journals;



Dr. Aveen Mohammed Hasan

Head of Department

Email: [english.dept@uoz.edu.krd](mailto:english.dept@uoz.edu.krd)

Phone: 009647504031959

Specialization: [Linguistics](#)



## Department of English Language Program ( 136 Units )



### First Year

No. Subject

- 1 - Computer Applications
- 2 - English Grammar I
- 3 - Kurdology
- 4 - Reading I
- 5 - Writing
- 6 - Introduction to Literature
- 7 - Academic Debates

### Second Year

No. Subject

- 1 - Listening and Speaking
- 2 - Elizabethan Drama
- 3 - Short Story
- 4 - English Grammar II and Morphology
- 5 - Writing and Research Skills
- 6 - Phonetics & Phonology
- 7 - Reading II

### Third Year

No. Subject

- 1 - Victorian Drama
- 2 - Introduction to Linguistics
- 3 - Semantics and Pragmatics
- 4 - Victorian Novel
- 5 - New Classical Romantic Poetry
- 6 - Syntax I
- 7 - General Translation

### Fourth Year

No. Subject

- 1 - English Language Teaching
- 2 - Literary and Scientific Translation
- 3 - 20th Century Drama
- 4 - Modern Novel
- 5 - Modern Poetry
- 6 - Syntax II
- 7 - Sociolinguistics

## Department of Arabic Language Program ( 138 Units )



Showing how all languages are ultimately derived from Arabic

slovenských  
ಕನ್ನಡ Azərbaycan 中国 ഗവൗലം Беларуская  
Azərbaycan 中国 ഗവൗലം Беларуская  
فارسی ελληνικά  
Deutsch العربية հայերեն  
català اردو český தமிழ்  
hrvatski  
हिंदी 日本 française עברית  
русский Việt

### First Year

No. Subject

- 1 - Arabic Grammar I
- 2 - Pre-Islamic Literature
- 3 - Phonology and Recitation Rules
- 4 - The Library and Research Methods
- 5 - Kurdish Language Literature
- 6 - Academic Debate
- 7 - English
- 8 - Computer Applications

### Second Year

No. Subject

- 1 - Grammar II
- 2 - Islamic Literature
- 3 - Morphology
- 4 - Rhetoric
- 5 - Metrics and Rhyme
- 6 - Syntax and Morphology

### Third Year

No. Subject

- 1 - Arabic Grammar III
- 2 - Al-Abbasi Literature
- 3 - Andalusian Literature
- 4 - History of Ancient Arabic Critique
- 5 - General Linguistics
- 6 - Selected Linguistic Discourse  
Analysis
- 7 - Analysis of Quranic Text

### Fourth Year

No. Subject

- 1 - Arabic Grammar IV
- 2 - New Arabic Literature
- 3 - Arabic Phonology
- 4 - New Critique
- 5 - Collation Literature
- 6 - Semantics and Phonological  
Analysis
- 7 - Research Project



## . Department of Arabic Language

### • About The Department

With the aim of preparing scientific and specialized teachers in the field of Arabic Language and Literature for basic, Intermediate and high schools in Kurdistan. The Department of Arabic was opened in the College of Education University of Duhok in 2003-2004. The educational system followed in this Department is annually-oriented, that is, the teaching process is not divided into two courses. Besides, our students basically take majored curriculum in addition to pedagogical education during their study which last 4 years. The students after completing the Arabic Language program successfully, they will be awarded BA Degree by the University.

### • The Objective

The main objective of this department is to enable students to exchange information, opinions, express ideas, experiences and plans in spoken and written texts in Arabic, , analyze, process and respond to texts that are in Arabic, understand aspects of language usage, understand and appreciate the relationship between the language and culture, and develop the communicative skills and understanding of Arabic language and culture so as to enable them to develop strong relationships with native Arabic speakers.



Asst. Prof. Dr. Sabah Hussein Muhammad  
Head of Department  
Email : [arabic.dept@uoz.edu.krd](mailto:arabic.dept@uoz.edu.krd)  
Phone : 009647504842299  
Specialization : [Arabic Literature](#)

## Department of Turkish Language Program ( 138 Units).



### First Year

No. Subject

- 1 - Turkish Grammar
- 2 - Basic Turkish
- 3 - Writing and Dictation
- 4 - Academic Debate
- 5 - English Language
- 6 - Computer Applications
- 7 - Kurdology

### Second Year

No. Subject

- 1 - Turkish Grammar
- 2 - Basic Turkish
- 3 - Reading and Listening
- 4 - Composition
- 5 - Conversation
- 6 - Terminology
- 7 - Arabic Language

### Third Year

No. Subject

- 1 - Turkish Grammar
- 2 - Conversation
- 3 - Classic Turkish Literature
- 4 - Ottoman Turkish
- 5 - Composition
- 6 - Translation
- 7 - Short Story

### Fourth Year

No. Subject

- 1 - Turkish Grammar
- 2 - Conversation
- 3 - New Turkish Literature
- 4 - Ottoman Turkish
- 5 - History of Turkish Language
- 6 - Translation
- 7 - Research Project
- 8 - Poetry

## • Department of Turkish Language

### • About the Department

Because of the needs of the Kurdistan Region to Turkish language graduates situation, this department was founded on September 2013. The Department offers different courses at the level of undergraduate studies , such as Turkish Linguistics, Literature and Language communication skills. The courses are arranged in a four year program. After fulfilling the requirements of the program, The student after completing the program successfully, will be awarded BA degree in Turkish Language and literature.

The purpose of this Department is to prepare some graduates who can serve in governmental institutions, teaching Turkish Language and private sector.

### • The Objective

Turkish Language Department is one of the departments that constitute school of Languages at the faculty of Humanities, University of Zakho. This Department was founded due to the requirements to Turkish Language in Kurdistan Regional Government, since it is the language of Turkey, which in one of the most important neighboring country with strong commercial, cultural, medical and key word tourism. The Department offers different courses. In the undergraduate level, it offers courses in Turkish Linguistics, Literature and in Turkish Language communication skills.

The courses are arranged in a four year program. The teaching staff of the department consists of PhD and MA degrees holder of various academic ranks and specialized in different disciplines such as literature and linguistics..... etc. The purpose of this department is to prepare some graduates who can serve in governmental institutions as well as teaching them Turkish Language.



Asst. Prof. Dr. Diyar Abdulkareem Saeed  
Head of Department  
Email : [turkish.dept@uoz.edu.krd](mailto:turkish.dept@uoz.edu.krd)  
Phone : 00964 750 450 3722  
Specialization : Literature

1 - Department of Commerce and Banking.

2 - Department of Business Economics.



# College of Administration and Economics

## . About The College of Administration and Economics:

The College of Administration and Economics was recognized in 2015. It includes two departments, the Departments of Commerce & Banking and the Department of Business Economics, and planning to open more Departments. The colleges aimed to teach the basic knowledge and practical skills for modern commerce, banking and business economics. The College of Administration and Economics is very important for the modern era. It was opened to increase students' knowledge in business and provide them with skills that will help them to deal with the complexities of the business world, both nationally and internationally. The most important goal of the College is to enable the students to achieve success in the business world and to become future business leaders. The College strives to give the students a suitable learning environment and to build up their scientific background in this field of education. The duration of the study in the College is four academic years and after completing the program successfully, they will be awarded Bachelor's Degree in the field of their specialization.



## Department of Commerce and Banking sciences Program (140 Units)



### First Year

No. Subject

- 1 - Principles of Mathematics and Finance Mathematics
- 2 - Principle of Economics
- 3 - Principles of Accounting
- 4 - Principles of Business Management
- 5 - Reading in Commerce
- 6 - Academic Debate
- 7 - Commerce and Banking software
- 8 - Kurdology

### Second Year

No. Subject

- 1 - Commerce Law
- 2 - Money and Banking
- 3 - Public Finance
- 4 - Intermediate Accounting
- 5 - Commercial Correspondences
- 6 - Human Resources Management
- 7 - Commerce Software Practice
- 8 - Principles of Statistics

### Third Year

No. Subject

- 1 - Marketing Management and International Marketing
- 2 - Quantitative Methods
- 3 - Financial Management
- 4 - Financial and Banking Process
- 5 - Cost Accounting
- 6 - Uniform Accounting System
- 7 - Tax Accounting
- 8 - Research Methods

### Fourth Year

No. Subject

- 1 - Economic Process Appraisal
- 2 - Advanced Accounting
- 3 - Managerial Accounting
- 4 - International Marketing
- 5 - Electronic Commerce
- 6 - Management Information System
- 7 - Product and Operating Management
- 8 - Research Project

## • Department of Commerce and Banking Sciences

### • About The Department

Department of Commerce and Banking Sciences was established in 2005, to provide the students with a wide range of business knowledge and skills, as well as creating competence in particular areas of business studies.

It consists of a four-year program for undergraduate students who are exposed to general business principles, taking courses in accounting/finance, human resources, statistics, marketing, economics, and information systems. In addition of undergraduate program, the department offers the MSc and split site PhD programs.

### • The Objective

- 1 - Teaching the basic theoretical knowledge and practical skills of modern commerce and banking competition.
- 2 - Educating students with the commerce management and services.
- 3 - Developing career opportunities for the graduated staff to enable them getting jobs in public and private sectors positively and academically in order to have a significant role in the society.



Asst. Prof. Dr. Nowzet Jameel Saleem  
Head of Department  
Email : [commerce.banking.dept@uoz.edu.krd](mailto:commerce.banking.dept@uoz.edu.krd)  
Phone : 00964 (0) 750 3404102  
Specialization : [Economics](#)

## Department of Business Economic Program ( 140 Units )



### First Year

No. Subject

- 1 - Principles of Management
- 2 - Principles of economics
- 3 - Principles of accounting
- 4 - Principles of mathematics
- 5 - English Language
- 6 - Academic debate
- 7 - Computer Applications
- 8 - Kurdology

### Second Year

No. Subject

- 1 - Marketing Management
- 2 - Human Resources Management
- 3 - Micro Economic
- 4 - Business Law
- 5 - Intermediate Accounting
- 6 - General English

### Third Year

No. Subject

- 1 - Financial Management
- 2 - Organization Management
- 3 - Cost Accounting
- 4 - Macro Economic
- 5 - Statistics ( SPSS )
- 6 - Research Methods
- 7 - Advanced English

### Fourth Year

No. Subject

- 1 - Strategic Management
- 2 - Operation Management
- 3 - International Business
- 4 - Management Information System
- 5 - E - Business
- 6 - Personal investment
- 7 - Research Project



# . Department of Business Economics

## • About The Department

Business Economics Department was established in 2012 to provide knowledge and theoretical skills for the increase management and economic abilities of graduates. It concerned with strategic issues and problems related to business organization, management, and Business strategy, in addition to under graduate program, The Department offer MBA , the mission of Dept. is to provide students theoretical and applied background of business to develop the quality of managerial skills, and to enable the student to understand the major problems and policies in the business setting and to explain the reasoning behind using various theoretical models.

## • The Objective

The Department of Business Economics recognize excellent student education as its first priority. In addition to formal program of study, the Dept. offers opportunities for training , research and development services. The Department enable student to acquire leadership skills and communicate effectively with community.

## **The Department is committed to helping student to a acquire :**

- A knowledge of basic facts and theories in management & Economics .
- Building leadership and problem resolve abilities.
- Ability to communicate their understanding to other fields.
- Team working technique with other fields in business environment.
- Skills to use Economic, accounting & Statistics tools to manage business organization



Dr. Rang M.Nori  
Head of Department  
Email : [business.economic.dept@uoz.edu.krd](mailto:business.economic.dept@uoz.edu.krd)  
Phone : 00964 (0) 7504572772  
Specialization : [Business Administration](#)

**1 - Department of Petroleum Engineering.**

**2 - Department of Mechanical Engineering.**



# College of Engineering

## . About College of Engineering

The college of engineering was established in summer 2014 in the University of Zakho. The University of Zakho announced the Petroleum Engineers as a first department of college of engineering in 2013 due to increasing demand for petroleum engineers and production of oil in the region. The Mechanical Engineering department established in 2014. It became the second engineering department after Petroleum Engineering department. It is considered as the only mechanical department in Duhok city. The duration of the study in the college is four years, two semester program and graduate student will obtain a Bachelor's Degree in Engineering. They will receive their degrees and also gain engineering skills that will help better develop the future to work in the industry of the region. The ultimate goal is to assist students in becoming lifelong professional and successful engineers.

The college has highly efficient and experienced teaching staff providing students with high quality programs and using modern teaching and practical facilities to fulfil the industry requirements. In addition, it has established strong links with industry and academic collaboration with various universities such as University of Bradford, University of Aberdeen, University of Derby, University of Nottingham and University of Colorado as well as local universities in the region.





## • The Objective

The broad objectives of Petroleum Engineering programs at UoZ are graduates of the program to competent professionally and academically, fully trained in their profession and the success of this program to be recognized in the region. The availability and exploitation of oil and gas reduces underpin the world's economy and as the petroleum industry reaches maturity, new hydrocarbon resources are becoming increasingly difficult to find. In addition, the world wide demand, has resulted in rising on efficient recovery to maintain production and meet increasing demands.

## - The department is committed to help students to acquire:

- an ability to apply knowledge of mathematics, science, and engineering.
- an ability to design and conduct experiments, as well as to analyze and interpret data.
- an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- an ability to function on multidisciplinary teams.
- an ability to identify, formulate, and solve engineering problems.
- an understanding of professional and ethical responsibility.
- an ability to communicate effectively.
- the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
- a recognition of the need for, and an ability to engage in life-long learning.
- a knowledge of contemporary issues.
- an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

## . Department of Petroleum Engineering

### • About the Department

On the B.Sc. Petroleum Engineering degree students will study a number of core subjects during the first two years. These provides sound proportion forth final part of the degree. Students will be concentrate in the fundamentals of Petroleum Engineering context. Course tailored to Petroleum Engineering discipline are available in year 3 and 4, and they will have a broad-based study path through a wide range of subjects, also students will undertake an individual project that usually takes the form of a field or research exercise, and involves the production of a formal report. We would like to be recognized for our quality of teaching and training professionals in petroleum engineering discipline. In addition, the department will benefit from links with the growing oil and gas industry and conduct significant research in this field. The graduate courses are designed to equip students with the knowledge and skills that are required by the petroleum industry (i.s. required to manage and operate of oil fields effectively). The Department of Petroleum Engineering will educate, conduct research, and train students for exploration, development, production, and management of petroleum resources in the region. This mission will be achieved through academically and technically planned program. The program would emphasis integrated multidisciplinary team work in classrooms, laboratory, field observation and research projects. Students graduating with a B.Sc. degree will be fully prepared to serve the industry and regional government and their degree will be comparable to any national and international recognized programs and students.



Dr. Ramadhan Haji Sulaiman  
Head of Department  
Email : [Petrol.Eng.Dept@uoz.edu.krd](mailto:Petrol.Eng.Dept@uoz.edu.krd)  
Tel : 00964 (0)7502109227  
Speciality : [Hydrology and Hydrometeorology](#)

### Third Year

1 <sup>st</sup> Semester		2 <sup>nd</sup> Semester	
No.	Subject	No.	Subject
1.	Drilling Engineering I	1.	Drilling Engineering I
2.	Reservoir Engineering I	2.	Reservoir Engineering II
3.	Well logging I	3.	Well logging II
4.	Structural Geology	4.	Geophysics
5.	Production Engineering I	5.	Production Engineering II
6.	Petroleum Economics	6.	Petroleum Refinery
7.	Numerical Method & Modelling	7.	Petroleum Geology
8.	Training Summer		

### Fourth Year

1 <sup>st</sup> Semester		2 <sup>nd</sup> Semester	
No.	Subject	No.	Subject
1.	Natural Gas Engineering	1.	Enhanced Oil Recovery
2.	Reservoir Engineering	2.	Reservoir Management
3.	Secondary Recovery	3.	Reservoir Simulation
4.	Production Engineering	4.	Well Design
5.	Drilling Engineering	5.	Optimization
6.	Research Project	6.	Seismic Interpretation
		7.	Research Project

## Department of Petroleum Engineering Program ( 158 Units).

### First Year

No.	Subject
1.	Kurdology
2.	English
3.	Computer Application
4.	Academic debate
5.	Chemistry
6.	Engineering Mechanics
7.	Mathematics
8.	Engineering Drawing 1 <sup>st</sup> and AutoCAD 2 <sup>nd</sup>

### Second Year

1 <sup>st</sup> Semester		2 <sup>nd</sup> Semester	
No.	Subject	No.	Subject
1.	Engineering Mathematics	1.	Engineering Mathematics
2.	Fluid Mechanics	2.	Fluid Mechanics
3.	Petrochemical Engineering	3.	Petrochemical Engineering
4.	Physical Geology	4.	Physical Geology
5.	Principle of Petroleum Engineering	5.	Principle of Petroleum Engineering
6.	Health and Safety	6.	Thermodynamics
7.	Computer Programing	7.	Electricity and Electronic
		8.	Strength of Materials

- **The Department is committed to helping students to acquire:**

- A knowledge of basic facts and theories in mechanical engineering.
- The ability to relate between the knowledge and the other subjects
- The ability to employ the information to serve the field and the surroundings. To get the above abilities, the department must use modern and suitable educational environment and research Equipments and facilities for under- and postgraduate students.



# . Department of Mechanical Engineering

## • About The Department

The Department of mechanical engineering was established in 2014. It is one of the most comprehensive fields in the engineering science. This is recognized when dealing with instrumentations, machinery, specialized equipment, power plants, refrigeration, air-conditioning as related to industrial, and production aspects. Our mission of scientific foundation tries for preparation and graduation of the mechanical engineering cadre by conveying the development in this field and serves the industry area to contribute in the development of the Kurdistan region. Achieve advanced grade of education in the field of the mechanical engineering and prepare the mechanical engineers required to achieve the future plans in the industry fields.

## • The Objective

The graduates will engage in productive careers in a broad range of mechanical engineering areas in public and private sectors in Kurdistan region. They will have an ability to apply knowledge of mathematics, science, and engineering. They will have an ability to design a system, component, or process to meet desired needs. The graduates will have an ability to identify, formulate, and solve engineering problems. They will have an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.



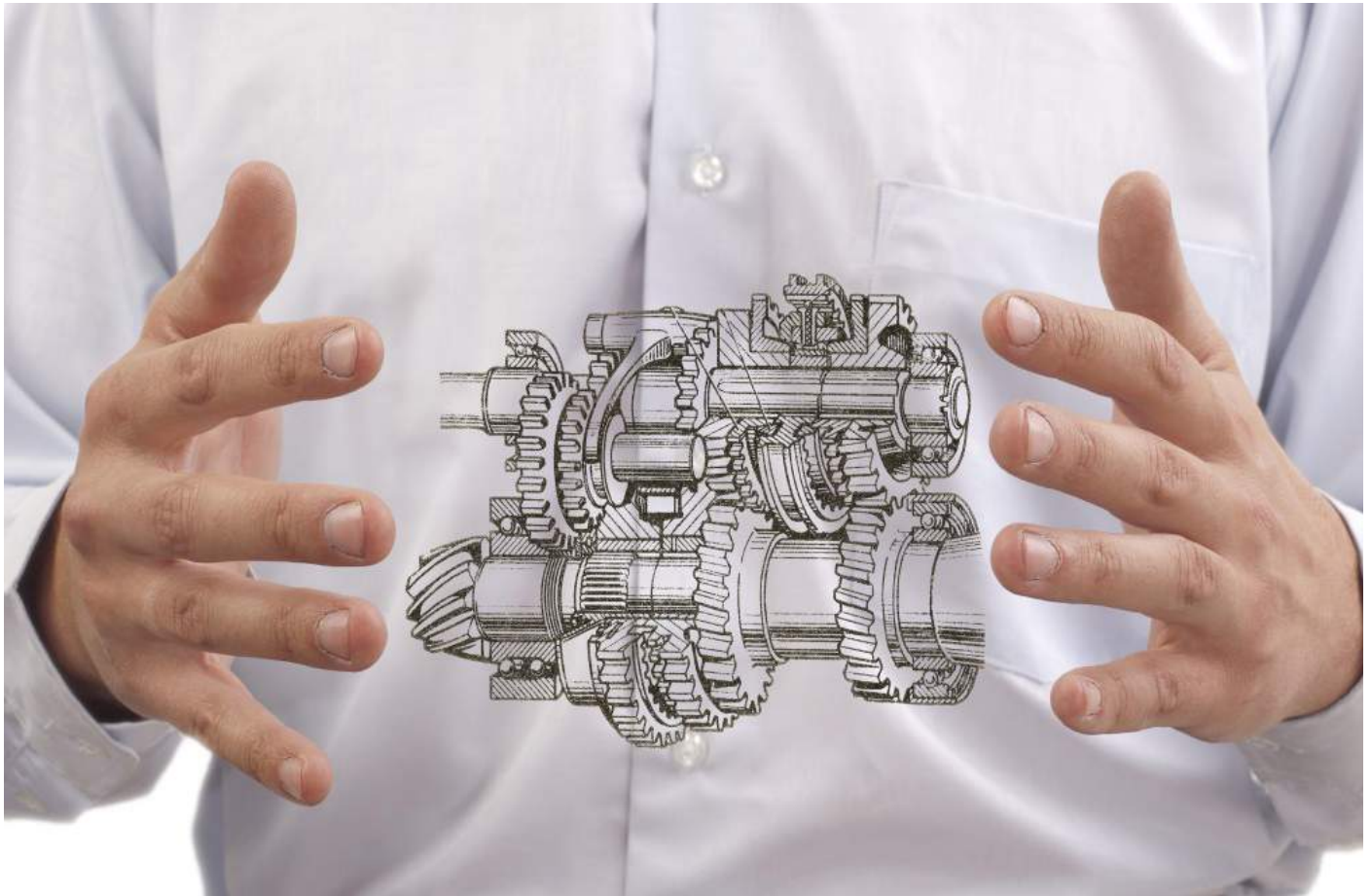
Dr. Omar Mohammed Ali

Head of Departmen

Email : [Mechanical.Eng.Dept@uoz.edu.krd](mailto:Mechanical.Eng.Dept@uoz.edu.krd)

Phone : + 9647504056592

Specialization : [Thermal Power](#)



## Department of mechanical Engineering Program (157 Units)



### First Year

No. Subject

- 1 - Engineering Mechanics (Statics)
- 2 - Mathematics I
- 3 - Production Principles and Workshop
- 4 - Electrical Engineering
- 5 - Engineering Drawing and Geometry Descriptive
- 6 - Academic Debate
- 7 - English Language
- 8 - Computer Applications
- 9 - Kurdology

### Second Year

No. Subject

- 1 - Thermodynamics
- 2 - Mathematics II
- 3 - Computer Programming
- 4 - Engineering Mechanics (Dynamics)
- 5 - Strength of Materials
- 6 - Fluid Mechanics I
- 7 - Mechanical Drawing
- 8 - Mechanical Drawing
- 9 - Mechanical Lab

### Third Year

No. Subject

- 1 - Engineering & Numerical Analysis
- 2 - Heat Transfer
- 3 - Machine Theory
- 4 - Electrical Machine Engineering
- 5 - Internal Combustion Engines
- 6 - Fluid Mechanics II
- 7 - Manufacturing Processes
- 8 - Mechanical Lab

### Fourth Year

No. Subject

- 1 - Machine Design
- 2 - Automatic Control & Measurements
- 3 - Air Conditioning & Refrigeration
- 4 - Engineering Materials
- 5 - Mechanical Vibration
- 6 - Power Plants
- 7 - Industrial Engineering
- 8 - Mechanical Lab
- 9 - Research Project

## Faculty of Education:

- 1 - Department of General Psychology.
- 2 - Department of Physical Education.
- 3 - School of Basic Education (Evening).



# Faculty of Education

## About The Faculty of Education :

The Faculty of Education was established in 2014. It is made up of three Departments; General Psychology, Physical Education and Basic Education (Evening). The Department of General Psychology was opened in 2009, and was part of the Faculty of Humanities. In 2014, it became a part of the Faculty of Education. The goal of the faculty, like any other faculty, is to build an educated society to play a vital role in development of education sector. It enables the students to become professional and successful educational leaders.

The department of General Psychology assists students with gaining knowledge on the human being and the society. The Department of Physical Education meet challenge to maintain their students in shape and experiencing a healthy life. Basic Education was built to train well-qualified intermediate and secondary school teachers with the modern teaching methods. It was opened in order to develop their teaching skills in different areas of education. The students will receive their Bachelors Degree in a period of four years. After these four years the students will have opportunities for post-graduate studies in the Kurdistan region or abroad. Finally, the overall goal of the faculty is for the students to become successful adults to brighten the future.





## . Department of General Psychology

### • About The Department

The department offers the B.A degree to the graduates after fulfilling the requirements of a four year program. General Psychology is the branch of psychology concerned with the processes and mechanisms of the human mental activities. Its “classic” areas of interest are perception, memory, attention, language, communication, motivation, emotion, action and, more recently, consciousness. . The number of faculty of the new department consists from 7 teachers and 8 part time lecturers. Number of students for this current year is 75 students. The goal of our department is to prepare faculty to work as psychiatrics and psychological consolors. Those will be working in schools, rehabilitation centers, psychiatric centers, and hospitals. Duration of study in the department is 4 years the graduate student will be granted bachelors degree in Psychology, after completing 148 credit units

### • The Objective

The aim of this Department is to provide students with an understanding of the human behavior that will support their ability to participate as members of our society, to help others, and to educate students by providing personal contact with experts in numerous psychological disciplines



Dr. Nasraddin E. Mohammad  
Head of Department  
Email : [psychology.dept@uoz.edu.krd](mailto:psychology.dept@uoz.edu.krd)  
Phone : 00964 750 3447432  
Specialization : [Educational Psychology](#)

## Department of Physical Education Program ( 128 Units)



### First Year

- | No. | Subject            |
|-----|--------------------|
| 1   | - English          |
| 2   | - Arabic           |
| 3   | - Kurdology        |
| 4   | - Computer         |
| 5   | - Academic Debates |
| 6   | - Swimming         |
| 7   | - Track & Field    |
| 8   | - Scouting         |

### Second Year

- | No. | Subject           |
|-----|-------------------|
| 1   | - Biomechanics    |
| 2   | - Motor Skills    |
| 3   | - Teaching Method |
| 4   | - Football        |
| 5   | - Handball        |
| 6   | - Track and Field |
| 7   | - Gymnastic       |
| 8   | - Wrestling       |

### Third Year

- | No. | Subject                                     |
|-----|---------------------------------------------|
| 1   | - Anatomy and Physical Medicine.            |
| 2   | - Scientific Research                       |
| 3   | - Statistics and Evaluation and Measurement |
| 4   | - Application                               |
| 5   | - Football.                                 |
| 6   | - Handball                                  |
| 7   | - Basketball                                |
| 8   | - Volleyball                                |

### Fourth Year

- | No. | Subject                          |
|-----|----------------------------------|
| 1   | - Physiology                     |
| 2   | -Administration and Organization |
| 3   | -Psychology                      |
| 4   | - Research Project               |
| 5   | - Application                    |
| 6   | - Basketball                     |
| 7   | - Volleyball                     |
| 8   | - Racket Games                   |



# . Department of Physical Education

## • About The Department

The Department of Physical Education (PE) is one of the scientific departments which is part of the Faculty of Education in the University of Zakho. The Department was opened by the Ministry of Higher Education on 24/8/2014. In September, the staff started testing high school graduate students from both scientific and literary branches. Their acceptance was also based on physical and medical examinations. The Department enrolled 76 students both male and female. The courses to be covered are Psychology, Science Training, Sport Research, Sport Medicine, Kurdology, Scouts, Arabic Language, English Language and Bio-Mechanic. They will also participate in sports such as basketball, volleyball, tennis, football, handball, track and field, swimming and gymnastics. The students after completing the program successfully will be awarded Bachelor's degree in Physical Education. The Department has a sports hall, football stadium, tennis court, and track and field area for students to show their physical strengths.

## • The Objective

1. Preparing a well skilled teaching staff for the General Directorate as well as diverse sport institutions like trainers, administrators, and sportive.
2. Prepare sport conferences in different styles to help in improve the level of sport education, department and society in all aspects.
3. Teaching the students the importance of sport for health.
4. Interacting with different departments in and out of college.



Dr. Ahmed Qasim Mohammed Hamy

Head of Department

Email : [Physical.dept@uoz.edu.krd](mailto:Physical.dept@uoz.edu.krd)

Phone : + 964750445 8476

Specialization : [Sports Teaching](#)  
[Methodology.](#)

## Degrees Awarded by the University of Zakho

The University of Zakho, as a newly established University provided with modern teaching and laboratory facilities, is running more than 20 undergraduate quality programs leading to B.Sc. or BA degrees in various specializations. Furthermore, the University is also running parallel high quality postgraduate programs and awarding MSc, MA and PhD degrees in various science and humanities disciplines. Since the establishment of UoZ from July until June of 2015, a total of 2,772 students were awarded BSc and BA degrees. With respect to postgraduate programs, 164 students were awarded MSc and MA degrees and 32 students were awarded PhD degrees in various science and humanities disciplines.

### The Number of Teaching Staffs (Employees and Contract)

	Department	Professor	Asst. Professor	Lecturer	Asst. Lecturer	Total
1	Biology	7	6	7	24	44
2	Chemistry	3	4	11	19	37
3	Environmental Sciences		2	2	9	13
4	Physics		4	5	24	33
5	Mathematics	8	4	7	15	34
6	Computer			6	19	25
7	Kurdish Language	1	4	5	14	24
8	English Language		5	5	19	29
9	Turkish Language		2	2	2	6
10	Arabic Language		3	5	9	17
11	History	1	5	7	17	30
12	Psychology			3	9	12
13	Islamic Studies		7	1	6	14
14	Commerce and Banking		5	3	12	20
15	Business Economics 1	1	2	3	10	16
16	Petroleum Engineering		1	1	5	7
	<b>Overall Total</b>	<b>21</b>	<b>54</b>	<b>73</b>	<b>213</b>	<b>361</b>

# . Department of Basic Education

## . The Department of Basic Education (Evening) include six Departments:

- 1 - Department of Science
- 2 - Department of Mathematics
- 3 - Department of Kurdish Language
- 4 - Department of English Language
- 5 - Department of Arabic Language
- 6 - Department of Social Studies

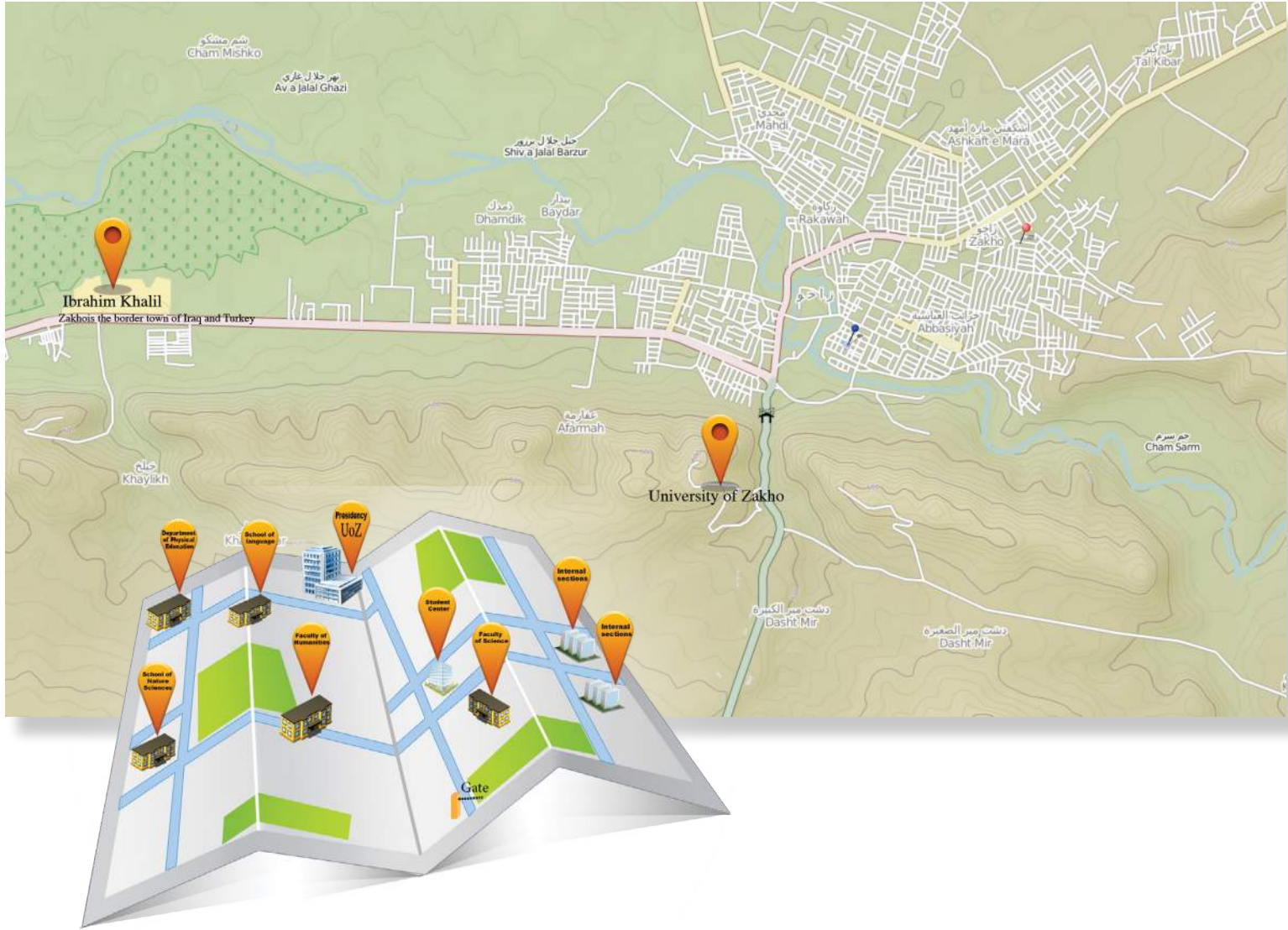
### • About The Department

The department of basic education (evening) was established in 2014 as a department of Faculty of Education. The duration of study is four academic years. It provides theoretical abilities and practical skills for further education of our graduates. As a first year acceptance we receive about 301 students divided among six departments. This department is only for the staff of Ministry of Education who could study in their subdivision departments as coordination with the Ministry of Higher Education, and for developing their acknowledgment and teaching skills and abilities. So the graduated students will work in their fields as educational academic staff in Ministry of Education.

### • The Objective

The mission of the department aimed to providing the students with good abilities and developing their skills to be graduated with excellence teaching programs. Also we provide our students a good experience in scientific fields. To achieve this mission we must provide a modern and suitable educational equipments and facilities for our students.

# Zakho



# Zakho Quarters MAP



**Prepared By:** Prof. Dr. Abdulwahab Khalid Mosa

**Consultation By:** Prof. Dr. Omar A. M. Al-Habib

**Language assessment:** Alaa N. Anas

**Designed By:** Hussein Younis Hussein

**Photography:** Shivan Abdi & Mohammed Majid

