

Ministry of higher education and scientific research
Collage of computer science and information technology
Department of information system

Department of Information Systems

Scientific evidence

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Department head's speech

The Information Systems Department was established in 1999 to prepare qualified cadres in the field of building systems and information bases to provide state departments with expert cadres and to develop the software industry in the country and keep pace with the tremendous developments in this field and deal with modern technologies and the information network. The department's main interest is focused on building the student in a correct scientific manner. By focusing on the basic scientific subjects given to him during his bachelor's years, such as focusing on programming subjects, which allow the student to build a solid programming base that enables him to learn any programming language in the future and also helps him solve most of the problems related to

The department's main interest is also focused on studying all technical issues .This aspect senior management issues, planning policies, and decision-making associated with employing computers in creating information systems for major institutions. The department addresses the theoretical and practical aspects related to the description, analysis, design, implementation, and management of information systems while maximizing the benefit of the information and communications technology infrastructure. The teaching staff in the department has extensive administrative and teaching experience that extends for many years. Also, everyone holds advanced degrees from reputable Iraqi and foreign universities. This is in addition to scientific research published in reputable international journals related to the computer aspect in all its branches. Finally, we ask God for guidance, success, and sincerity in all our affairs, and God is the Grantor of success.



Department Mission

The department's main mission is to graduate groups of students who have high academic and professional qualifications to engage in work in all state departments in order to put all the skills they have acquired during their years of study in the service of their country and its scientific

Department Vision

Our vision is for the department to be, along with the college, an “educational” and “research” edifice in its programs, educational curricula, and scientific research, and it seeks to achieve a prominent position among the relevant departments in Iraqi universities by providing and updating distinguished, modern programs that focus on the requirements of the labor market and technological development. The vision of the department is Information systems in preparing graduates capable of meeting the needs of the labor market and contributing to serving the local and Arab community

The vision seeks to achieve the following goals:

- Preparing academically and practically qualified graduates in the field of information systems.
- Contributing to developing knowledge in the field of information systems through scientific research.
- Serving the local and Arab community by providing consultations and training.

Objectives of the Information Systems Department :

The department aims to achieve the following goals:

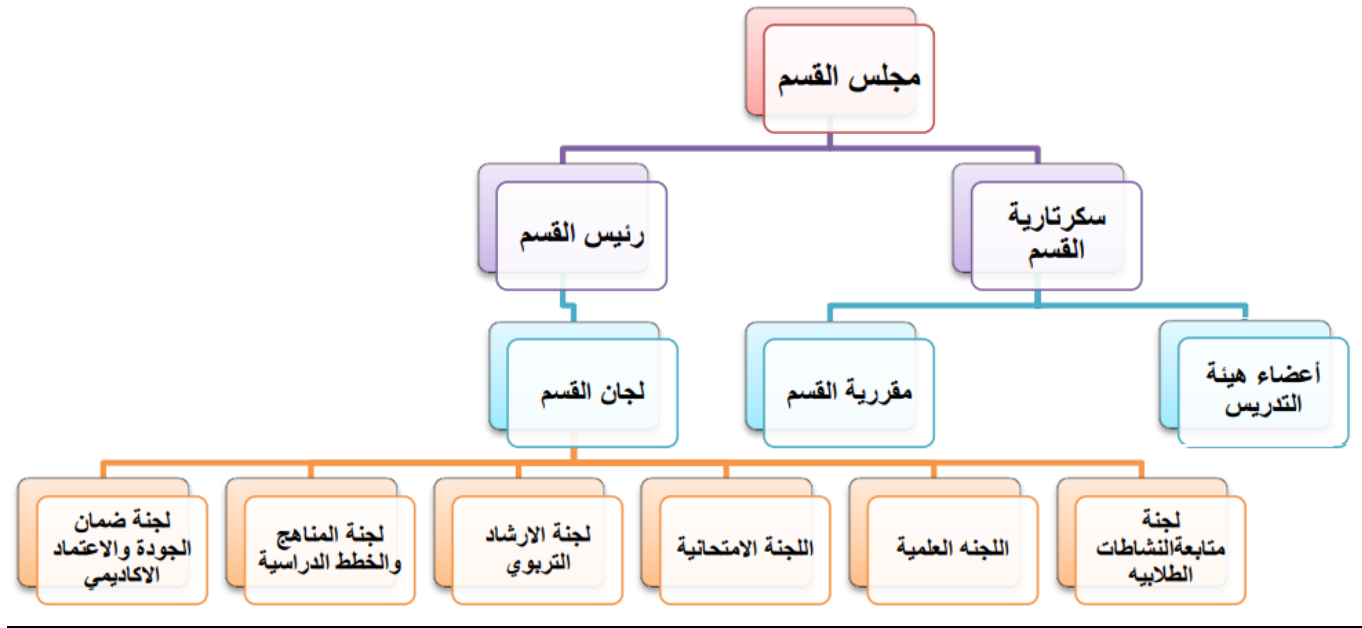
1. The department aims to prepare qualified cadres in the field of building systems and databases to provide state departments and institutions with expert cadres and to develop the software industry in Iraq, keep pace with the tremendous developments in this field, and deal with modern technologies and the information network.

2. Prepare the student systematically to be able to study problems and challenges in the field of information systems science and technology.
3. Enabling the systems analyst to lead a programming team to prepare a computer system that solves the problems of users and beneficiaries.
4. Developing the student's mental abilities through analysis and logical deduction and enabling him to solve programming problems
5. The necessary development of curricula to ensure the integration of modern changes in computer science technology.
6. Encouraging innovative ideas and projects and developing leadership and creativity skills in the field of information technology by urging students to participate in computer events and forums.

Job Opportunities

- Programmer
- Database designer and administrator
- Information security manager
- Software developer
- Computer Center Manager
- Information systems analyst

Organizational Structure of the Department



Department Committees:

Curriculum and study plans committee in the department

It is assigned the following task:

-Preparing and developing study plans for the department's academic programs in Arabic and English in accordance with the standards of the university's curricula and study plans unit, the models specified in the procedural guide for study programs and plans at the university, and the standards and requirements of the National Authority for Academic Evaluation and Accreditation, taking into account the opinions of faculty members, students, graduates, the labor market, and the local society.

-Continuous coordination with the plans and curricula committee and unit at the college and university

- Identifying common courses among the multiple programs within the college, recommendations of the relevant scientific department councils

-Review, develop and study the coding, contents and descriptions of courses and their pre-requisites and the extent to which they are compatible with their objectives and expected educational outcomes and with the goals and vision of the department, college and university

-Review, develop and study the extent of compatibility and harmony between the plan's courses and teaching and evaluation methods with the expected educational outcomes and with the goals and vision of the department, college and university.

- Periodic review of the extent to which the knowledge and skills that the student acquires during his studies in the department are compatible with the requirements of the labor market
- Periodic evaluation of the study plan through feedback and recommendations drawn from teaching special courses by faculty members, arbitrators, evaluators, and graduates, and submitting a proposal for appropriate procedures
- Determine the department's elective courses and submit recommendations to the department council
- Equivalency of academic subjects for students transferred to the department's programs according to the system
- Submitting minutes and reports to the department council on all activities and achievements of
- Any other tasks assigned to the committee within the framework of its work the committee

Quality Assurance and Academic Accreditation Committee in the department

It is assigned the following tasks

- ❖ Preparing and implementing a plan for quality assurance and national and international-academic accreditation in the department
- ❖ Working to spread a culture of quality among department employees.
- ❖ Preparing and supplying the department's faculty members with publications, documents-and recent versions of the forms required to obtain local and international accreditation, as well as all relevant references
- ❖ Receiving and reviewing course files and reports from faculty members in the department and submitting them to the Quality Assurance and Academic Accreditation .Unit in the college
- ❖ Supervising and coordinating with the various committees in the department in preparing all documents, forms, reports, performance indicators, and benchmark comparisons required to ensure quality and academic accreditation
- ❖ Supervising training and qualification in the field of quality and academic accreditation in the department
- ❖ Collecting and documenting the department's quality assurance and academic accreditation processes and storing them in indexed files
- ❖ Follow up on the implementation of continuous improvement recommendations referred to the department from the Quality Assurance and Academic Accreditation Unit
- ❖ Collecting, transcribing, and analyzing various questionnaires related to quality assurance, academic accreditation, and preparing reports
- ❖ Any other tasks assigned to the committee within the framework of its work

❖ Research activities

The most important research activities that members of the Information Systems Department are working on are focused on the following areas:

- Intelligence Artificial
- Cryptography
- Networks Computer
- Microprocessors
- Image processing

Instructors in the Information Systems Department:

No	Full Name	Certificate	Scientific Title	General Specialization	Subspecialty	Certificate country
1	Murtadha Mohammed Hamed Ramathan	PhD	Professor	Computer Science	Data Warehousing and Mining	Iraq
2	Khalid Shaker Jasim Mohammad	PhD	Assistant Professor	Computer Science	Artificial intelligence	Malaysia
3	Omar Abdulrahman Dawood Salman	PhD	Assistant Professor	Computers Science	Information Security	Iraq
4	Baraa Tareq Hammad Al-showka	PhD	Assistant Professor	Computer Science	Information Security	Malaysia
6	Akeel Abdulraheem Thulnoon Zoad	PhD	Lecturer	Computer engineering	Distributed Systems	United Kingdom
7	Waleed Khalid Hassan Deeb	PhD	Lecturer	Computer science	Cloud Security	United Kingdom
8	Mohammed Rabeea Hashim Mohammed	PhD	Lecturer	Electronic and communication engineering	Robotics	Turkey
9	Waleed Abdulmaged Hammood Ali	PhD	Lecturer	Electronic and communication engineering	Robotics	Turkey
10	Sadir Abdulwahed Fadhil Abd	PhD	Lecturer	Computer science	Intelligent Systems	United Kingdom
11	mohanad Abdulsalam younis gedan	PhD	Lecturer	Computer Science	images processing	Russian
12	Muntaser Abdulwahed Salman Abdulaziz	PhD	Lecturer	Computer engineering	Networks	Turkey
13	Farah Maath Jasem Alani	MSc	Assistant Lecturer	computer science	computer science	Iraq
14	Mahmoud Hilal Farhan Mes'her	MSc	Assistant Lecturer	computer science	images processing	Iraq
15	Doaa Yaseen Khudhur abduallahuman	MSc	Lecturer	computer science	computer science	Iraq□
16	Shokhan Mahmoud Hama	MSc	Lecturer	computer science	computer	Iraq

	Hama				science	
17	Hadeel amjed saeed ali	MSc	Assistant Lecturer	Computer science	Computer science	Iraq
18	Yaqeen saad ali daib	MSc	Assistant Lecturer	computer science	computer science	Iraq
19	Omar Hammad Jasim Al-ajeely	MSc	Assistant Lecturer	computer science	Information Systems	India
20	Ali Muwafaq Shaaban□	MSc	Assistant Lecturer	Computer Engineering	Computer Engineering	Turkey
21	Baraa saad abdulhakeem	Msc	Assistant Lecturer	Master of electrical and computer engineering	Master of computer engineering	Turkey
22	Sabreen Khader Ismail	Msc	Assistant Lecturer	geography	geography	Iraq

❖ Study plan for the Information Systems Department

College requirements for a bachelor's degree in information systems:

To obtain a bachelor's degree in the Information Systems Department, the student must complete 142 hours to study the basic subjects, which include the requirements of the university, college, and department.

Study materials for all stages

The first stage

First semester					
units	hours		Subject name		Coding
	Unscheduled	Scheduled	English	العربي	
8	105	95	Structured programming I	البرمجة المهيكلة I	ISSP101
6	85	65	Fundamental of Information Technology	اساسيات تكنولوجيا المعلومات	ISFI102
6	70	80	Logic Design I	تصميم منطقي I	ISLD103
6	55	95	Mathematic I	الرياضيات I	CCIT060
2	15	35	Communication skills	مهارات التواصل	ISCS104
2	17	33	English (1)	اللغة الانكليزية	UOA003
30	347	403	Total units and hours		

Second semester					
Units	Hours		Subject name		coding
	Un Scheduled	Scheduled	English	العربي	
8	120	80	Structured programming	البرمجة المهيكلة II	ISSP201
5	47	78	Discrete Structures	هياكل متقطعة	CCIT061
5	60	65	Logic Design II	تصميم منطقي II	ISLD202
6	100	50	Mathematic II	الرياضيات II	ISMT203
4	35	65	Office applications	تطبيقات مكتبية	ISOA204
2	17	33	Arabic Language	اللغة العربية	UOA001
30	379	371	Total units and hours		

Second stage

First semester					
Units	Hours		Subject name		coding
	practic al	theore tical	English	العربي	
4	2	3	Object Oriented Programming I	البرمجة الكيانية I	ISDC207
3	2	2	Data Structures	هياكل البيانات	CSIT201
2	--	2	Computational Theory I	النظرية الاحتمالية	ISDE215
2	--	2	Design and Analysis of Information Systems	تحليل وتصميم نظم المعلومات	ISDC202
3	--	3	Advanced Mathematics	الرياضيات المتقدمة	ISDC203
2	--	2	Introduction to E-Business Systems	مقدمة في نظم المعلومات الالكترونية	ISDE212
2	--	1	The Crimes of Baath Regime in Iraq	جرائم نظام البعث	UOA006
17	4	15	Total units and hours		

Second semester					
Units	Hours		Subject name		Coding
	عملي	نظري	الانكليزي	العربي	
4	2	3	Object Oriented Programming II	البرمجة الكيانية II	ISDE211
3	2	2	Algorithms	خوارزميات	ISDE317
2	--	2	Computational Theory II	النظرية الاحتمالية II	ISDE218
3	2	2	Design and Analysis of Databases	تحليل وتصميم قواعد البيانات	ISDC205
3	2	2	Design Internet Pages	تصميم صفحات الانترنت	ISDE219
3	2	2	Numerical Analysis	تحليل عددي	ISDC303
2	--	2	English (2)	اللغة الانكليزية	UOA240
20	10	15	Total units and hours		

Third stage

First semester					
units	Hours		اسماء المواد الدراسية		coding
	practical	Theoretical	English	العربي	
3	2	2	Visual Programming I	البرمجة المرئية I	ISDC308
3	2	2	Compiler I	المتجمات I	ISDE321
3	2	2	Principles Of Computer Network	مبادئ شبكات الحاسوب	ISDC305
3	2	2	Database Management systems	نظم ادارة قواعد البيانات	ISDC306
2	--	2	English(3)	اللغة الإنكليزية(٣)	UOA340
2	--	2	Project Management Systems	نظم ادارة مشاريع	ISDC307
16	8	12	Total unit and hours		

Second semester					
Units	عدد الساعات		Subject name		coding
	Practical	Theoretical	English	العربي	
3	2	2	Visual Programming II	البرمجة المرئية II	ISDE323
3	2	2	Compiler II	المتجمات II	ISDE324
3	2	2	Data Network	شبكات البيانات	ISDE325
3	2	2	Distributed Databases	قواعد بيانات موزعة	ISDE326
2	--	2	Software Engineering	هندسة برامجيات	ISDC309
2	--	2	Data Management Systems	نظم ادارة المعلومات	ISDC327
2	--	2	Decision Support Systems	نظم دعم القرار	
18	8	14	Total unit and hour		

Fourth stage

First semester					
Unit	Hours		Subject name		coding
	Practical	Theoretical	English	العربي	
2	--	2	Information Security I	امنية البيانات I	ISDC406
3	2	2	Multimedia Computing I	حوسبة وسائط متعددة I	CSIT402
3	2	2	Artificial Intelligent I	الذكاء الاصطناعي I	ISDC405
2	--	2	Information Retrieve and Search Engine	استرجاع المعلومات ومحركات البحث	ISDE414
2	--	2	Data Warehouse	مستودع البيانات	ISDC403
3	2	2	Web Application Programming	برمجة تطبيقات الويب	ISDC422
2	--	2	Research Methodology	منهج بحث	CSDE423
17	6	14	Total unit and hours		

Second semester					
Units	Hours		Subject name		coding
	عملي	نظري	English	العربي	
2	--	2	Information Security II	امنية البيانات II	ISDE425
3	2	2	Multimedia Computing II	حوسبة وسائط متعددة II	ISDE427
3	2	2	Artificial Intelligent II	الذكاء الاصطناعي II	ISDE429
2	--	2	E- Commerce	التجارة الالكترونية	ISDE313
2	--	2	Data Mining	تنقيب البيانات	ISDC404
3	2	2	Mobile Applications Programming	برمجة تطبيقات موبايل	ISDE419
2	--	2	English(4)	إنكليزي (4)	UOA440
6	12	--	Project	مشروع التخرج	ISDC407
23	18	14	Total unit and hours		

Contact Data

Head of Department

Dr. Khaled Shaker Jassim

Mobile: +964-7811061019

Email

khalidalhity@uoanbar.edu.iq