



Ministry of Higher Education and Scientific Research
 Scientific supervision and evaluation device
 Department of Quality Assurance and Academic Accreditation
 International Accreditation Department

colleges for form description program Academic
 2024-2023 year academic the For

University Name: Mosul

College Name: Arts

technologies knowledge and Information :department scientific the of Name

File filling date:

Prof. Mohamed Ali Mohamed
 Afeen

- Dean of the College

Signature / / 2024

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 Zaim Al abdeen

Head of the Scientific Department

Signature 22 / 5 / 2024

Prof. Harith Hazem Ayoob
 Assistant Dean for Scientific Affairs

Signature / / 2024

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Division Performance University and Assurance Quality The Director

Date:

Signature:

(2024-2023) form Academic program description

Description of the academic program:

a necessary summary of the most important This academic program description provides characteristics of the courses and the learning objectives and outcomes expected of the student to achieve, specifying the type of acquired cognitive, applied, and affective skills thods followed to achieve the maximum benefit from the and the teaching and learning me program's cognitive resources. It is accompanied by a description of each course within the program.

1. Educational institution	Mosul
2. University department/center	college of Arts
3. Name of the academic program	and Knowledge rmationDepartment of Info Technologies
3. Name of the final certificate	Bachelor's
4. The academic system	Annual/quarterly
6. Accredited accreditation program	1. of the Committee for Developing Outputs /and Modernizing Knowledge Resources Knowledge dof Information an Curricula in Iraqi Technologies Departments Universities. 2. Sayed Mahmoud. The -Osama Al reference standard for library and information programs for Iraqi universities licentiate/bachelor's level). Cairo: Arab) 'Federation for Libraries and Information 2016
7. Other external influences	Central admission/labor market
8. Date the description was prepared	2023/6/1
Program objectives -9	
<ol style="list-style-type: none"> 1. fic Contributing to achieving the goals of the Ministry of Higher Education and Scienti . Research and the universities and colleges to which the program is affiliated 2. Qualifying Human resources with scientific and technical expertise for the requirements of dealing with information and its technologies to enhance the labor .public and private sectors market in the 3. Providing information institutions with qualified human resources to work in the various procedures and services of those institutions in the capacity of information .specialists 4. Id of storing, processing andKeeping up with technical developments in the fic and investing in the curriculum to enhance the knowledge and information retrieving .skill base of students 5. Understanding the cognitive overlap between information science and other sciences to .scientific, and professional skillsensure diversity in cognitive, s 	
10. Learning outcomes and methods of teaching, learning and evaluation	

A- .Cognitive objectives

1. Developing students' cognitive abilities and developing the basic concepts of the information science major.
2. Enhancing students' theoretical and applied knowledge, which qualifies them to work in various types of information institutions.
3. Developing students' cognitive abilities in the field of identifying the latest evolving information technologies and tools used in storing, processing and retrieval.
4. Comprehensive knowledge of the concepts, theories, foundations and philosophy of the information science discipline.
5. Develop practical and technical skills to handle , digitize , store and retrieve information.

objectives The program's skill -B:

The program contributes to enhancing and developing the following skills:

1. Contributing to facilitating the work of various types of information institutions and managing them to achieve their goals.
2. Identifying and evaluating information sources through the ability to select and evaluate all types of information sources.
3. Using tools for objective analysis of knowledge materials and investing in facilitating availability and access .
4. Investing in them in providing services and Using software applications and investing in simplifying procedures.
5. Digital content management and digital warehouse management
6. Implementing searches on Internet resources and working to organize digital knowledge for the purposes of presenting it to beneficiaries.
7. Dealing with educational platforms and managing educational content as a service for learning programs-e.
8. Dealing with beneficiaries and studying their information needs.
9. Building and developing scientific research skills and writing scientific and administrative reports.
10. The ability to manage information bases available on local servers or available on the Internet of entering information, processing, retrieving it and presenting it to in terms Internet beneficiaries.

Teaching and learning methods:

Due to the special nature of the information science program, multiple educational strategies are used in a manner consistent with the nature of the curriculum and the level of the course.

1. Direct indoctrination (lecture) with the use of educational technology.
2. Class discussion and interaction through giving prior assignment
3. Teaching through practical application of scientific materials that require this in the laboratories of the department and college.
4. Cooperative education through solving contrived problems.
5. Research project-based education strategy.
6. Learning strategy using Internet resources-E.

Evaluation methods:

1. Periodic tests.
2. Snap tests.
3. Classroom interaction and participation.
4. Research assignments and reports.
5. Practical and applied tests.

B- Affective based goals-and value

1. Enhancing the sense of belonging to the specialty and developing the desire to work in information institutions.
2. development and keeping up with everything new in the -Enhancing the desire for self information institutionsfield of work of inf.
3. Enhancing the spirit of belonging to the work team within the organization and the desire to provide the best.
4. Promoting the spirit of cooperation and humility in providing service to the beneficiary community.
5. e to compete and develop oneself to raise efficiency and productivityEnhancing the desir.

Teaching and learning methods

1. Periodic field visits to information institutions.
2. Coexistence, actual practice, and mingling with workers through practical application in tudent coexists with beneficiaries in information institutionswhich the s.
3. Awareness lectures and cultural seminars.
4. Educational guidance films.
5. Academic advisor and academic role model.
6. ith open and direct discussions w Psychological and emotional stimulation through students.

Evaluation methods

1. Periodic advisor reports.
2. up and monitoring-Direct and indirect follow.
3. assessment surveys-Self.

C- Other skills related to employability and personal) General and transferable skills (development)

1. to develop creative and innovative thinking skills in the field of Teaching the student specialization.
2. Teaching students the skill of writing research and reports.
3. Teaching the student the skill of how to link the theoretical aspect to the practical application that he/she will practice at work.
4. Teaching the student how to conduct field studies and analyze data collected from the studied community and how to classify and analyze it.
5. Teaching the student how to deal with information sources, analyze them, and derive and rite down a summary of the information hew/she obtains as a result of the objective analysis of these sources.
6. Teaching the student the skills of entering electronic data and categorizing it according to the database files he/she deals with

learning methods Teaching and:

1. Continuous guidance of students by the professor during the daily lecture.
2. Open discussions between students and teachers.
3. Scientific trips to learn about successful experiments.
4. s that publish full texts and Using the Internet in education through special website discuss them through them.

Evaluation methods

1. Excellence in good research and reports.
2. Continuous observation of the student by the teacher.
3. and meetings of the student with the teacher interviews
4. the lecture the student with Activate.

Curricula of the information and knowledge technologies program in Iraqi universities
Undergraduate studies curricula/first year/Department of Information and Knowledge Technologies
2024-2023 For the academic year

First grade

(Study type: Annual (30 weeks)

T	Description of the material	Total number of hours
.1	Technical English	2
.2	computer	2
.3	Arabic	2
.4	Democracy and human rights	2
.5	Introduction to information science	3
.6	Database management systems	4
.7	Management of information institutions	2
.8	Bibliographic measurements	3
.9	Sources of information and knowledge	6
10.	Professional ethics	2
.11	Tools for organizing information and knowledge	3

Second grade :

(Study type: Annual (30 weeks)

Undergraduate Studies Curricula/Second Year/Department of Information and Knowledge Technologies
2024-2023 For the academic year

T	Description of the material	Total number of hours
.1	Principles of data science	2
.2	knowledge management	2
.3	information Paper and electronic sources	4
.4	Management of information institutions	2
.5	Electronic management	3
.6	Information Systems	2
.7	English terms	2
.8	Quantitative measurements	3
.9	Ethics of scientific research	2
.10	Metadata processing	4
.11	Active dataProcessing objects	3

**(Third grade: annual (30 weeks
Type of study: semester (15) per semester**

Undergraduate Studies Curricula/Third Grade/Department of Information and Knowledge Technologies
2024-For the academic year 2023

T	Article title	number of units	umber of hoursThe n	
			Theoretical	Practical
1.	Scientific communication and media	4	4	----
2.	Digital content management systems	4	4	----
3.	Information Systems	4	4	----
4.	Research Methodology	4	2	4
5.	Information technologies	4	4	----
6.	English terms	2	2	----
7.	Quantitative measures of information	4	4	----
8.	Tools for organizing information containers	4	2	4
9.	Electronic systems for managing information institutions (automated systems)	4	2	4
10.	Practical application	4	2	4
11.	the total	38	30	16

**de: first semesterFourth gra
Type of study: semester (15) per semester**

Undergraduate Studies Curricula/Fourth Grade/Department of Information and Knowledge Technologies
2024-2023 For the academic year

T	Description of the material	Total number of hours	tical The theore number of hours	Number of practical hours
.1	Intellectual property research ethics	2	2	--
.2	Multimedia systems	2	2	1
.3	Educational content management techniques	3	2	1
.4	Store and retrieve information	3	2	1
.5	Graduation research I	2	2	1
.6	nformation legislation I and standards	2	2	1
.7	Scientific application	2		4

2nd semester

T	Description of the material	Total number of hours	The theoretical number of hours	Number of practical hours
.1	Knowledge economics	2	2	--

.2	Digital warehouse stemsy	3	2	1
.3	Digital documentation and archiving	2	2	1
.4	Information Systems	3	2	1
.5	Graduation research 2	2	2	---
.6	Publishing industry	2	2	---
.7	Scientific application	2		4

nologiesPostgraduate Curricula/Department of Information and Knowledge Tech
2024-2023 For the academic year

(First trimester: (15 weeks

T	Description of the material	Total number of hours	The theoretical number of hours	Number of practical hours
.1	Information networks	3	2	1
.2	Technical English	2	2	---
.3	ics and Bibliometr measuring sources	2	----	---
.4	information technology	2	----	1
.5	Advanced information services	2	----	1
.6	Advanced indexing	2	2	1

(Second trimester: (15 weeks

T	Description of the material	Total number of hours	The theoretical ursnumber of ho	Number of practical hours
.1	Analyze and store information	3	2	1
.2	Management Information Systems	2	2	---
.3	Conscious organization of information	2	----	---
.4	Research Methodology	2	----	1
.5	Digital content management and programming systems	2	----	1
.6	English	2	2	1

: Planning for personal development -13

1. Annual plans that are developed by the department's scientific committee and the department council to develop the performance of both the teaching and the -at a rate ranging between 15 rn vocabularycourse and its use of more mode of the subject %20.
2. Enrolling in training programs and courses and participating in distinguished scientific seminars, seminars and conferences.
3. ng Urging teachers to communicate with their colleagues in correspondi departments, as this is of great benefit

14- Admission criteria

1. Standards set by the Ministry of Higher Education and Scientific Research.
2. The general average of preparatory studies is no less than....
3. ss thanEnglish language score comparison lessons. No le
4. Free from physical and mental disabilities.
5. Good conduct.

15- The most important sources of information about the programs

1. Committee for developing and updating knowledge resources/curricula of Expert raqi universitiesinformation departments and libraries in I.
2. Corresponding departments and schools in Arab and international universities.
3. Arab and international specialized professional associations and associations.