Ministry of Higher Education and Scientific Research Scientific Supervision and Scientific Evaluation Apparatus Directorate of Quality Assurance and Academic Accreditation Accreditation Department



Academic Program and Course Description Guide

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

Concepts and terminology:	
Academic Program Description: The academ	nic program description provides a
brief summary of its vision, mission and o	objectives, including an accurate

description of the targeted learning outcomes according to specific learning strategies.

<u>Course Description:</u> Provides a brief summary of the most important

characteristics of the course and the learning outcomes expected of the students

to achieve, proving whether they have made the most of the available learning

opportunities. It is derived from the program description.

<u>Program Vision:</u> An ambitious picture for the future of the academic program to

be sophisticated, inspiring, stimulating, realistic and applicable.

Program Mission: Briefly outlines the objectives and activities necessary to

achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic

program intends to achieve within a specific period of time and are measurable

and observable.

Curriculum Structure: All courses / subjects included in the academic program

according to the approved learning system (quarterly, annual, Bologna Process)

whether it is a requirement (ministry, university, college and scientific department)

with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired

by students after the successful completion of the academic program and must

determine the learning outcomes of each course in a way that achieves the

objectives of the program.

Teaching and learning strategies: They are the strategies used by the faculty

members to develop students' teaching and learning, and they are plans that are

followed to reach the learning goals. They describe all classroom and extra-

curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form

University Name:Mosul.....

Faculty/Institute: Literature......

3

Scientific Department: . Information	and knowledge technologies
Academic or Professional Program N	Name:
Final Certificate Name: . Bachelor's a	and Master's degrees
Academic System:Annual and quart	terly
Description Preparation Date: 8/1/20	25
File Completion Date: 5/5/2025	
Signature:	Signature:
Head of Department Name:	Scientific Associate Name:
Date:	Date:
The file is checked by:	
Department of Quality Assurance and U	Jniversity Performance
Director of the Quality Assurance and U	Jniversity Performance Department:
Date:	
Signature:	
	Approval of the Dean

1. Program Vision

Program vision is written here as stated in the university's catalogue and website.

To be a global leader and excel academically through our knowledge, culture,

and values in linguistic, philosophical, social, media, information, and digital studies and their applications in information institutions to provide effective information services.

2. Program Mission

Preserving our trust, values and identity is the foundation of our belief in education, learning, scientific research and community service. Our college works to develop basic and advanced academic programs in various non-humanities disciplines according to globally and regionally studied standards that contribute to the qualification of competent graduates to support their communities in the field of information and knowledge specializations, as well as paper and digital information, ensuring its availability to the beneficiary at the appropriate time and place. This is achieved by producing scientific competencies and expertise that contribute to making this information available to them, so that they become information specialists and experts in it and development the AI

3. Program Objectives

- 1. Strengthening the University of Mosul's ranking and positioning it among international rankings by continuing to produce and publish sound research in global institutions, reflecting our leadership and excellence.
- 2. Innovating, developing, and continuously updating undergraduate and graduate academic curricula in line with developments and innovations in our college's field of specialization, ensuring academic and programmatic accreditation.
- 3. Empowering academically and professionally distinguished faculty members in all our college's specializations, including rare ones.
- 4. Preparing competent graduates who possess knowledge, skills, and societal cultures that enhance their intellectual and professional capabilities to meet the demands of the labor market.

- 5. Focusing on finding scientific and sound solutions to societal problems by promoting and marketing the results of applied and future research in our college's various specializations.
- 6. Adopting contemporary quality systems in higher education, leading institutional and methodological programs for international and national accreditation to enhance university performance.
- 7. Employing e-government and its requirements in our college to improve administrative and academic work procedures, while also updating the work tasks of the organizational structure units in accordance with these developments.
- 8. Searching for and diversifying sources of financial funding for our college through the effective use of its resources, ensuring the highest community benefit.
- 9. Developing an integrated educational environment for our college that supports students, faculty members, and administrative staff in innovation and creativity.
- 10. Adopting human, ethical, and professional values in the curriculum and instilling these values in the behavior of college members, thus developing a spirit of cooperation, a sense of citizenship, responsibility, and awareness toward their community.
- 11. Promoting social responsibility and community service initiatives through partnerships and relationships, developing academic consultations, improving continuing education programs, and supporting information institutions.
- 12. Activating cooperation between the department and information institutions inside and outside the university through field visits to examine the current status of these institutions, studying them, and finding ways to develop them in accordance with scientific trends in the field of global information and informatics, knowledge openness, free access to information, and communicating it to beneficiaries wherever they may be.
- 13. Teaching modern educational techniques and methods in teaching information science and knowledge technologies.

It also aims to achieve the goals of sustainable development and artificial

intelligence by integrating modern technologies with development concepts to ensure sustainable knowledge management and enhance library and information services in line with digital transformation. The following is a clarification of each:

First: The Goal of Sustainable Development in the Department of Information and Libraries

- 1. Ensuring continuous access to knowledge for current and future generations.
- 2. Improving the management of information resources in line with environmental, economic, and social dimensions.
- 3. Raising awareness of sustainable development principles through information services and educational programs.
- 4. Supporting education and scientific research through sustainable digital information resources.
- 5. Developing libraries as community centers that contribute to achieving sustainable development goals (e.g., eradicating poverty, quality education, equality).

Second: The Goal of Using Artificial Intelligence in the Department of Information and Knowledge Technologies

- 6. Enhancing cataloging and retrieval processes using machine learning and automated classification techniques.
- 7. Analyzing user behavior to provide customized and efficient information services.
- 8. Managing library collections intelligently through recommendation systems and Al-based predictions.
- 9. Automating library services such as responding to user inquiries via chatbots.
- 10. Facilitating access to information for people with disabilities using advanced

technologies such as text-to-speech conversion.

4. Program Accreditation

- 1- Outputs of the Knowledge Resources Development and Modernization

 Committee / Curricula of Information and Knowledge Technology Departments in

 Iraqi Universities
- 2- Osama Al-Sayed Mahmoud. Reference Standard for Library and Information Programs in Iraqi Universities (Bachelor's/Bachelor's Degree) Cairo: Arab Federation for Libraries and Information, 2016

5. Other external influences

Central Admission / Labor Market

6. Program Structure Number of **Program Structure** Credit hours Percentage Reviews* Courses Institution 5 148 Requirements **College Requirements** Department 34 148 Requirements **Summer Training** Other

7. Program Description									
Year/Level	Course	Course Name	Credit Hours						

^{*} This can include notes whether the course is basic or optional.

	Code			
2024-2025	ITKL-11	Arabic	theoretical	2
2024-2025	ITKL-12	English	theoretical	2
2024-2025	ITKL-13	ACometer	Theoretical/practical	4
2024-2025	ITKL-14	Demorcracy Theoretical		2
2024-2025	ITKL_15	Professional ethics Theoretical		3
2024-2025	ITKL-16	Introduction to information	Theoretical	3
		Science		
2024-2025	ITKL-17	Specific information	Theoretical	3
		institutions		
2024-2025	ITKL-18	Sorces of paper Information	Theoretical/ practical	3
2024-2025	ITKL-19	Relax data processing	Theoretical/ practical	4
2024-2025	ITKL-110	Objective data processing	Theoretical/ practical	4
2024-2025	ITKL-111	Database management	Theoretical/ practical	3
		systems		
2024-2025	ITKL21	English	Theoretical	2
2024-2025	ITKL-22	Principles of data	Theoretical	2
		managment		
2024-2025	ITKL-23	Knowledge management	Theoretical	2
2024-2025	ITKL-24	Digital information souces	Theoretical/ practical	3
2024-2025	ITKL-25	Objective data processing	Theoretical/ practical	4
2024-2025	ITKL-26	Description And available	Theoretical/ practical	4
		scorces		
2024-2025	ITKL-27	Specific information	Theoretical	2
		insitiuions		
2024-2025	ITKL-28	Research ethics and	Theoretical	2
		intellectual property		
2024-2025	ITKL-29	Iformation economics	Theoretical	2
2024-2025	ITKL-220	Basth partycrimes	Theoretical	2
2024-2025	ITKL-20	Arabic	Theoretical	2
2024-2025	ITKL-221	specialzation	Theoretical	2
2024-2025	ITKL-31	Communcation and	Theoretical	2
		scientific media		
2024-2025	ITKL-32	Digital content management	Theoretical	2
		system		
2024-2025	ITKL-33	Administrative information	Theoretical	2

		system		
2024-2025	ITKL-34	Resarch urcula	Theoretical	2
2024-2025	ITKL-35	Information Techniques	Theoretical	2
2024-2025	ITKL-36	English term	Theoretical	2
2024-2025	ITKL-37	Quantiative marsurements	Theoretical	2
2024-2025	ITkL-38	Information vessels	Theoretical/ practical	4
		regulatiog tools		
2024-2025	ITKL-39	Electronic systems to	Theoretical	2
		manage information institons		
2024-2025	ITKL-30	Practical application	practical	4
2024-2025	ITKL-41	English text	Theoretical	2
2024-2025	ITKL-42	Legisslation and Standards	Theoretical	2
2024-2025	ITKL-43	Storege and Retreval	Theoretical	2
2024-2025	ITKL-44	Resarch urcula	Theoretical	2
		Information Techniques		
2024-2025	ITKL-45	Digital resort techniques	Theoretical	2
2024-2025	ITKL-46	Multmedia	Theoretical	2
2024-2025	ITKL-47	Information networks	Theoretical	2
2024-2025	ITKL-48	Documentation and archivg	Theoretical	2
2024-2025	ITKL-49	Knowlrdge economics	Theoretical	2
2024-2025	ITKL-40	Publishing industry	Theoretical	2
2024-2025	ITKL-401	Digital warehoues	Theoretical	2
2024-2025	ITKL-402	Information system	Theoretical	2
2014-2025	ITKL-403	Practical application	practical	4
	•	•	•	

8. Expected learning outcomes of the program											
Knowledge											
Learning Outcomes 1	Cognitive Objectives										
	1. Develop students' cognitive abilities and enhance the basic										
	concepts of the Information Science major.										
	2. Enhance students' theoretical and applied knowledge, which										
	qualifies them to work in various types of information institutions.										
	3. Develop students' cognitive abilities to identify the latest										
	technologies and tools used in storing, processing, and retrieving										
	information.										

	4. Gain a comprehensive understanding of the concepts, theories,
	foundations, and philosophy of the Information Science major.
	5. Develop practical and technical skills for handling, digitizing,
	storing, and retrieving information.
Skills	
Learning Outcomes 2	 The program contributes to enhancing and developing the following skills: Contributing to facilitating the work of various types of information institutions and managing them to achieve their objectives. Contributing to the development of information resource groups through the ability to select and evaluate all types of information sources. Using objective analysis tools for knowledge materials and investing in them to facilitate access and availability. Using software applications and utilizing them to provide services and simplify procedures. Managing digital content and digital repositories. Conducting searches of internet resources and organizing digital knowledge for the purpose of presenting it to beneficiaries. Working with educational platforms and managing educational content to serve e-learning programs. Working with beneficiaries and studying their information needs. Building and developing scientific research skills and writing scientific and administrative reports. The ability to manage databases available on local servers or available on the internet, in terms of entering, processing, retrieving, and presenting information to beneficiaries.
Learning Outcomes 3	Learning Outcomes Statement 3
Ethics	
Learning Outcomes 4	 Strengthening a sense of belonging to the specialty and fostering a desire to work in information institutions. Enhancing the desire for self-development and keeping up with the latest developments in the field of information institutions. Strengthening the sense of belonging to the organization's work team and the desire to deliver the best. Fostering a spirit of cooperation and humility in providing service to the beneficiary community. Fostering the desire for competition and self-development to enhance efficiency and productivity.
Learning Outcomes 5	

9. Teaching and Learning Strategies

- 1. Periodic field visits to information institutions.
- 2. Experience, practical experience, and interaction with staff through practical applications in which students interact with beneficiaries in information institutions.
- 3. Awareness lectures and cultural seminars.
- 4. Educational and guidance films.

- 5. Academic advisor and role model.
- 6. Psychological and emotional stimulation through open and direct discussions with students.
- 7. Using modern methods for delivering lectures, such as the smart board and PowerPoint.

10. Evaluation methods

- 1. Distinguishing quality research and reports.
- 2. Continuous student observation by the instructor.
- 3. Ongoing student-instructor interviews and meetings.
- 4. Student interaction with the lecturer.
- 5. Continuous guidance of students by the instructor during daily lectures.
- 6. Open discussions between students and instructors.
- 7. Academic field trips to learn about successful experiences.
- 8. Use of the Internet in education through dedicated websites that publish full texts and facilitate discussions.
- 9. Use of information technology in lecture delivery.
- 10. Practical application of automated systems and databases used to organize information resources.

11. Faculty											
Faculty Members											
Academic Rank			Special Requirements/Skills (if applicable)	Number of the	teaching staff						
	General	Special		Staff	Lecturer						

Professor Dr. Mahmoud Saleh Ismail	Information and Libraries	Information Technology in Objective Analysis	Permanent	
Professor Dr. Ammar Abdul Latif Zain Al-Abidin	Information and Libraries	Scientific Information and Communicat ion Services	Permanent	
Assistant Professor Samia Younis Saeed	Information and Libraries	Information Services	Permanent	
Assistant Professor Dr. Wassan Sami Saadallah	Information and Libraries	Information sources and services	Permanent	
Assistant Professor Rafel Nizar Abdul Qader	Information and Libraries	Technical Procedures	Permanent	
Assistant Professor Hamsa Maan Mohammed	Statistics	Operations Research	Permanent	
Professor Dr. Omar Tawfiq Abdel Qader	Information and Libraries		Permanent	
Lecturer Dr. Nour Fares Ghanem	Information and Libraries	Technical Procedures	Permanent	
Lecturer Dr. Heba Saadallah Younis	Information and Libraries	Information sources	Permanent	
Teacher Sarmed Siddiq	Information and Libraries	Information and Libraries	Permanent	
Assistant Teacher	Information and	Information and	Permanent	

Shaima Hashem Youssef	Libraries	Libraries			
Assistant Professor Rami Rakan Arab	Information and Libraries	Information and Libraries		Permanent	
Assistant Professor Majd Maysar	Information and Libraries	Information and Libraries		Permanent	
Assistant teacher Raafat Rajab	Information and Libraries	Information and Libraries		Permanent	
Assistant Professor Deema Aydin	Information and Libraries	Information and Libraries		Permanent	
Assistant Professor Asmaa Ghanem	Information and Libraries	Information and Libraries		Permanent	

Professional Development

Mentoring new faculty members

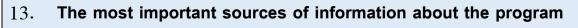
Briefly describes the process used to mentor new, visiting, full-time, and part-time faculty at the institution and department level.

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.

12. Acceptance Criterion

Annual plans developed by the department's scientific committee and department council to develop the performance of both the instructor and the course instructor and their use of more modern vocabulary at a rate ranging between 15-20% of the material.



State briefly the sources of information about the program.

14. Program Development Plan

	Program Skills Outline														
					Required program Learning outcomes										
Year/Level Course Code	Course Name	Basic or	Knov	vledge			Skills	5			Ethics				
			optional	A1	A2	A3	A4	B1	B2	В3	B4	C1	C2	С3	C4
2024-2025	ITKM3	Advanced Cataloging	essential		1			V	V			V			
2024-2025	ITKL38	Tools for organizing information container	essential		√			√ √	√ √			V			
2024-2025	ITKM8	Organization of information containers	essential		√			1	1			√ ·			
2024-2025	ITKL25	Subjective data processing	essential		√			1	1			√			

2024-2025	ITKL-41	English texts	optional	V		$\sqrt{}$	V		1		
2024-2025	ArIn25F11 04	Democracy and	essential	1		$\sqrt{}$	1		V		
		human rights									
2024-2025	ArIn25F12	The crimes of	essential								
	04	the baath regime									
		in Iraq									
2024-2025	ITKL-12	English	optional	V		V	V		V		
		Language									
2024-2025	ITKL-402	Management	essential			$\sqrt{}$			$\sqrt{}$		
		Information									
		Systems									
2024-2025	ArIn25F110	Qualitative	essential	$\sqrt{}$		$\sqrt{}$					
	8	Information									
		Institutions									
2024-2025	ITKL-32	Digital content	essential						$\sqrt{}$		
		management									
		systems									

2024-2025	ArIn25Fm2 02	Research Methodology	essential	√	V	$\sqrt{}$	V		
2024-2025	ITKL-21	English term	optional	√	1	1	V		
2024-2025	ITKL-18	Information sources	essential	1	√	1	V		
2024-2025	ITKL-22	Principles of data science	essential	V	V	1	1		
2024-2025	ArIn25Fm2 01	Advanced information services	essential	V	V	1	1		
2024-2025	Arln25F14 08	Building Groups	essential	$\sqrt{}$	1	$\sqrt{}$	$\sqrt{}$		
2024-2025	Arln25F13 03	Research Methodology	essential	V	V	1	V		
2024-2025	ArIn25F110 6	Objective processing of information	essential	7	V	V	V		
2024-2025	Arln25F14 03	AComputer	optional	V	V	$\sqrt{}$	1		
2024-2025	ITKL-408	Parameter measurements	essential	7	V	V	V		

2024-2025	ArIn25F130 8	Information Technology	essential	V		1	1		V		
2024-2025	ITKL-401	digital repositories	essential	$\sqrt{}$		1	V		$\sqrt{}$		
2024-2025	Arln25F140	AFor practical application	essential	1		1	1		V		
2024-2025	ITKL-320	Website management	essential	V		V	V		V		
2024-2025	Arln25F110 5 -15	EthicsProfession	essential	V		V	V		V		
2024-2025	ITKM-9	programming systems	essential	1		1	1		$\sqrt{}$		
2024-2025	ArIn25F120 1	Arabic	optional	1		1	V		V		
2024-2025	ITKL-11	Arabic	optional	$\sqrt{}$		V	V		V		
2024-2025	ITKL-111	Computer	optional	1		1	1		1		
2024-2025	ITKM-4	Bibliometrics	essential	1		1	$\sqrt{}$		$\sqrt{}$		
2024-2025	ITKL_29	Information economics and	essential	$\sqrt{}$		1	1		$\sqrt{}$		

		marketing									
2024-2025	ArIn25F120	Information	essential	$\sqrt{}$			V				
	8	Institutions									
		Management									
2024-2025	ArIn25F130	Communication	essential			$\sqrt{}$	$\sqrt{}$		$\sqrt{}$		
	1	and Media									
2024-2025	ITKL-19	Rules of	essential						$\sqrt{}$		
		bibliographic									
		description									
2024-2025	ITKL-26	Resource	essential						$\sqrt{}$		
		Description and									
		Access									
2024-2025	ITKL_48	Electronic	essential			$\sqrt{}$			$\sqrt{}$		
		documentatio									
		n and									
		archiving									
2024-2025	ITKL-1207	Introduction	essential			$\sqrt{}$			$\sqrt{}$		
		to the Study									
		of Public									
		Relations and									
		Media									
2024-2025	ITKL_403	Practical	essential						$\sqrt{}$		

		application									
2024-2025	ITKL-46	Networks	essential	V		1	1		V		
2024-2025	ITKL-43	Storage /andRetr	essential	1		1	1		V		
2024-2025	ITKM-6	Master's / Second Semester	essential	1		V	1		V		
2024-2025	Arln25F1 407	Multimedia / Stage Four	essential	$\sqrt{}$		V	V		V		

• Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

Course Description Form

Course Name:

Advanced Cataloging / Master's degree- First course

Course Code:

ITKM3

Semester / Year: Academic Year 2024-2025

Academic Year 2024-2025

Description Preparation Date:

10/9 /2024

Available Attendance Forms: On campus / Electronic Platform

On campus / Electronic Platform

Number of Credit Hours () / Number of Units ():

2

Course administrator's name (mention all, if more than one name)

Name: Name: Rafal Nizar Abdel Qader / Assistant Professor

Email: <u>rafal.n.k@uomosul.edu.iq</u>

Course Objectives

Course Objectives

- .. Identify the importance of organizing information sources in the field of libraries and information centers and their modern methods in the Internet environment
- Introducing the tools of organizing information and their role in determining the descriptive and objective aspect of the various sources of information Identify the most important developments in the field of descriptive analysis according to the rules of RDA and objectivity, especially in light of the digital environment

Teaching and Learning Strategies

Strategy

Brainstorming

Group Teaching

Practical Application

Reciprocal Teaching

Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Masters	Introduction to contemporary cataloging Definition of curriculum vocabulary	Theoretical and practical	Oral and written
2	2	Masters	Recent developments in information technology and their implications and direct effects on indexing and catalogues	Theoretical and practical	Oral and written
3	2	Masters	Reviews and amendments to AACR2, 2005 Update, compatibility with electronic and online sources, and tracking developments in the rules.	Theoretical and practical	Oral and written
4	2	Masters	Efforts and activities of the Joint Cataloging Committee (JSC) Efforts of the International Federation (AFLA) in the field of indexing	Theoretical and practical	Oral and written
5	2	Masters	Online bibliographic databases and general catalogs (OCLC - OPACs)	Theoretical and practical	Oral and written
6	2	Masters	MARC 21 bibliographic record	Theoretical and practical	Oral and written
7	2	Masters	Main record fields according to AACR2 rules	Theoretical and practical	Oral and written
8	2	Masters	Using MARC 21 to prepare bibliographic records for general information sources	Theoretical and practical	Oral and written
9	2	Masters	A practical application on using MARC 21 in	Theoretical and	Oral and written

			preparing records for various materials other than books	practical	
10	2	Masters	A practical application on indexing electronic and Internet resources according to the MARC 21 record	Theoretical and practical	Oral and written
11	2	Masters	FRBR Functional Requirements Model	Theoretical and practical	Oral and written
12	2	Masters	Metadata standards developments	Theoretical and practical	Oral and written
13	2	Masters	Mark's ontology	Theoretical and practical	Oral and written
14	2	Masters	Practical applications for indexing	Theoretical and practical	Oral and written
15	2	Masters	Conclusion of the curriculum	Theoretical and practical	Oral and written

.Course Evaluation

- 1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject 2-Quiz (short exam)
- 3-Practical
- 4- Attendance of students and assessment through interactive learning

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Required textbooks (curricular books,	nothing
if any)	
Main references (sources)	1- Al-Shaloul, Wasfi Arif. Modern trends in
	indexing Amman: Jordan Library and
	Information Association, 2017
	2- Mark 21 Record Guide, 2020

Recommended books and references	Sources from the Internet
(scientific journals, reports)	

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Tools for organizing information container / Third degree

Course Code:

ITKL38

Semester / Year: Academic Year 2024-2025

Academic Year 2024-2025

Description Preparation Date:

16/9 /2023

Available Attendance Forms: On campus / Electronic Platform

On campus / Electronic Platform

Number of Credit Hours () / Number of Units ():

3

Course administrator's name (mention all, if more than one name)

Name: Name: Rafal Nizar Abdel Qader / Assistant Professor

Email: <u>rafal.n.k@uomosul.edu.iq</u>

Course Objectives

Course Objectives

- Recognizing the importance of organizing tools for organizing information sources
- Introducing information organization tools and their role in determining the descriptive and objective aspects of various information sources
- Identifying the most important developments in the field of descriptive and objective analysis, especially in light of the digital environment

Teaching and Learning Strategies

Strategy

Brainstorming

Group Teaching

Practical Application

	Structure				
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Bachelors	Types of bibliographic codifications: beginnings and origins	Theoretical and practical	Oral and written
2	3	Bachelors	Rules for describing sources and making them available by RDA. Origins and beginnings	Theoretical and practical	Oral and written
3	3	Bachelors	Differences between AACR and RDA rules	Theoretical and practical	Oral and written
4	3	Bachelors	Direct availability indexes	Theoretical and practical	Oral and written
5	3	Bachelors	Talk about the Mark 21 standard	Theoretical and practical	Oral and written
6	3	Bachelors	And how to apply it	Theoretical and practical	Oral and written
7	3	Bachelors	BIBFRAME model	Theoretical and practical	Oral and written
8	3	Bachelors	Written exam	Theoretical and practical	Oral and written
9	3	Bachelors	The basic tags for RDA rules, indicators and subfields	Theoretical and practical	Oral and written
10	3	Bachelors	ISBN field 020	Theoretical and practical	Oral and written
11	3	Bachelors	The main entrance field, an explanation of it and the rules for its use	Theoretical and practical	Oral and written
12	3	Bachelors	The title field, an explanation of it and the	Theoretical and	Oral and written

					<u> </u>	
			rules for its use	practical		
13	3	Bachelors	The rest of the other fields for registration	Theoretical and practical	Oral written	and
14	3	Bachelors	Carrier Type, Content, and Source fields 336, 337, and 338	Theoretical and practical	Oral written	and
15	3	Bachelors	Review and evaluate theoretical and practical assignments	Theoretical and practical	Oral written	and
16	3	Bachelors	Definition of curriculum vocabulary Resource description and availability rules (RDA).	Theoretical and practical	Oral written	and
17	3	Bachelors	A comparison between the rules for describing sources and making them available by RDA and the Anglo-American cataloging rules RDA's relationship with other technologies	Theoretical and practical	Oral written	and
18	3	Bachelors	MARC 21 record and applications of source description and availability rules Practical application: for various fields in the MARC21 record according to RDA rules	Theoretical and practical	Oral written	and
19	3	Bachelors	Functional requirements model for the FRBR bibliographic record and its relationship to the rules for describing and making sources available	Theoretical and practical	Oral written	and
20	3	Bachelors	Functional requirements for FRAD authority data	Theoretical and practical	Oral written	and
21	3	Bachelors	Functional requirements for FRSAD subject authority data	Theoretical and practical	Oral written	and

22	3	Bachelors	Machine-readable indexing format: MARC21 format	Theoretical and	Oral written	and
			for authority data	practical		
23	3	Bachelors	Properties of MARC authority fields Components of the MARC21 authority record	Theoretical and practical	Oral written	and
24	3	Bachelors	MARC21 authority data types and fields	Theoretical and practical	Oral written	and
25	3	Bachelors	• Setting fields The rest of the fields and references in the authority record	Theoretical and practical	Oral written	and
26	3	Bachelors	 Various practical examples and solutions for authority recording 	Theoretical and practical	Oral written	and
27	3	Bachelors	BIBFRAME data model	Theoretical and practical	Oral written	and
28	3	Bachelors	The relationship of the bibliographic framework data model to the rules for describing sources and making them available	Theoretical and practical	Oral written	and
29	3	Bachelors	BIBFRAME fields and elements	Theoretical and practical	Oral written	and
30	3	Bachelors	Community indexing	Theoretical and practical	Oral written	and

.Course Evaluation

1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject 2-Quiz (short exam)

3-Practical

4- Attendance of students and assessment through interactive learning

Required textbooks (curricular books,	nothing
if any)	
Main references (sources)	1- Al-Shaloul, Wasfi Arif. Modern trends in indexing Amman: Jordan Library and Information Association, 2017 2- Mark 21 Record Guide, 2020
Recommended books and references (scientific journals, reports)	Sources from the Internet

	TA 1	r
Course		ama
Course	17	ame.

Organization of information containers / Master's degree-second course

Course Code:

ITKM8

Semester / Year: Academic Year 2024-2025

Academic Year 2024-2025

Description Preparation Date:

9/2 /2025

Available Attendance Forms: On campus / Electronic Platform

On campus / Electronic Platform

Number of Credit Hours () / Number of Units ():

2

Course administrator's name (mention all, if more than one name)

Name: Name: Rafal Nizar Abdel Qader / Assistant Professor

Email: rafal.n.k@uomosul.edu.iq

Course Objectives

Course Objectives

- .. Identify the importance of organizing information sources in the field of libraries and information centers and their modern methods in the Internet environment
- Introducing the tools of organizing information and their role in determining the descriptive and objective aspect of the various sources of information Identify the most important developments in the field of descriptive analysis according to the rules of RDA and objectivity, especially in light of the digital environment

Teaching and	Teaching and Learning Strategies						
Strategy	Brainstorming						
	Group Teaching						
	Practical Application						
	Reciprocal Teaching						

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COL	ırse	Str	ист	ure

Week	Hours	Doguired	Unit or subject name	Logrning	Evaluation
vveek	nours	Required Learning Outcomes	Unit or subject name	Learning method	method
1	2	Masters	 Definition of curriculum vocabulary Resource description and availability rules (RDA). 	Theoretical and practical	Oral and written
2	2	Masters	 A comparison between the rules for describing sources and making them available by RDA and the Anglo-American cataloging rules RDA's relationship with other technologies 	Theoretical and practical	Oral and written
3	2	Masters	 MARC 21 record and applications of source description and availability rules Practical application: for various fields in the MARC21 record according to RDA rules 	Theoretical and practical	Oral and written
4	2	Masters	Functional requirements model for the FRBR bibliographic record and its relationship to the rules for describing and making sources available	Theoretical and practical	Oral and written
5	2	Masters	Functional requirements for FRAD authority data	Theoretical and practical	Oral and written

6	2	Masters	Functional requirements for FRSAD subject authority data	Theoretical and practical	Oral written	and
7	2	Masters	Machine-readable indexing format: MARC21 format for authority data	Theoretical and practical	Oral written	and
8	2	Masters	 Properties of MARC authority fields Components of the MARC21 authority record 	Theoretical and practical	Oral written	and
9	2	Masters	MARC21 authority data types and fields	Theoretical and practical	Oral written	and
10	2	Masters	• Setting fields The rest of the fields and references in the authority record	Theoretical and practical	Oral written	and
11	2	Masters	Various practical examples and solutions for authority recording	Theoretical and practical	Oral written	and
12	2	Masters	BIBFRAME data model	Theoretical and practical	Oral written	and
13	2	Masters	The relationship of the bibliographic framework data model to the rules for describing sources and making them available		Oral written	and
14	2	Masters	BIBFRAME fields and elements	Theoretical and practical	Oral written	and
15	2	Masters	Community indexing	Theoretical and practical	Oral written	and

Course Evaluation

1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject 2-Quiz (short exam)

3-Practical

4- Attendance of students and assessment through interactive learning

r•	
Required textbooks (curricular books,	nothing
if any)	
Main references (sources)	1- Al-Shaloul, Wasfi Arif. Modern trends in indexing Amman: Jordan Library and Information Association, 2017 2- Mark 21 Record Guide, 2020
Recommended books and references (scientific journals, reports)	https://www.loc.gov/مكتبة الكونكرس الحونكرس • https://repository.ifla.org/ الاتحاد الدولي لجمعيات المكتبات المكتبات المحوسبة

Course Name:

Subjective data processing

/ Second degree

Course Code:

ITKL25

Semester / Year:

Academic Year 2024-2025

Description Preparation Date:

16/9 /2024

Available Attendance Forms: On campus / Electronic Platform

On campus / Electronic Platform

Number of Credit Hours () / Number of Units ():

4

Course administrator's name (mention all, if more than one name)

Name: Name: Rafal Nizar Abdel Qader / Assistant Professor

Email: rafal.n.k@uomosul.edu.iq

Name: Majd Muyasir Abdelbaaqi

Course Objectives

Course Objectives

- The course aims to enable the student to possess the cognitive and applied skills necessary to deal with various sources of information, challenge their objective content, and express it through codified subject headings.
- Formulating and installing subject headings and dealing with the

objective content	of various	information	sources.
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Teaching and Learning Strategies

Strategy

Brainstorming

Group Teaching

Practical Application

Reciprocal Teaching

Course Structure

	Structure	D	TT	T	E14'
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4	Bachelors	Lists of subject headings: concept, beginnings and development	Theoretical and practical	Oral and written
2	4	Bachelors	Foreign lists: general and specialized	Theoretical and practical	Oral and written
3	4	Bachelors	Arabic lists: general and specialized	Theoretical and practical	Oral and written
4	4	Bachelors	Thesaurus: the concept	Theoretical and practical	Oral and written
5	4	Bachelors	comparison between lists of subject headings and thesauruses	Theoretical and practical	Oral and written
6	4	Bachelors	beginnings, characteristics	Theoretical and practical	Oral and written
7	4	Bachelors	functions and types	Theoretical and practical	Oral and written
8	4	Bachelors	Thesaurus sections	Theoretical and practical	Oral and written
9	4	Bachelors	steps for preparing thesauruses	Theoretical and practical	Oral and written
10	4	Bachelors	practical applications	Theoretical and	Oral and written

				nmostical	T	
1.1	1	D 1 1	TD 1 1 C	practical	0 1	1
11	4	Bachelors	Taksheef: concept	Theoretical	Oral	and
				and	written	
				practical		
12	4	Bachelors	practical applications.	Theoretical	Oral	and
				and	written	
				practical		
13	4	Bachelors	Traditional systems: an	Theoretical	Oral	and
			introduction	and	written	-
				practical	,,,,	
14	4	Bachelors	Kaiser's methodological	Theoretical	Oral	and
14	+	Dachelors	\mathcal{E}	and	written	and
			indexing		WIIII	
1 7	1	D 1 1	1 1 1 1 1 1	practical	0 1	1
15	4	Bachelors	practical applications	Theoretical	Oral	and
				and	written	
				practical		
16	4	Bachelors	Ranganathan Categories	Theoretical	Oral	and
				and	written	
				practical		
17	4	Bachelors	Practical Applications	Theoretical	Oral	and
				and	written	
				practical		
18	4	Bachelors	Coates system	Theoretical	Oral	and
	'	Buchicia	Courses	and	written	uii
				practical	WIILL	
19	4	Bachelors	practical applications	Theoretical	Oral	and
19	4	Dacherors	practical applications	and	written	and
					WIIII	
20		D 1.1	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	practical	2 1	- 1
20	4	Bachelors	Sequential cataloging	Theoretical	Oral	and
				and	written	
				practical		
21	4	Bachelors	practical applications	Theoretical	Oral	and
				and	written	
<u> </u>				practical	<u></u>	
22	4	Bachelors	Non-traditional systems	Theoretical	Oral	and
			-	and	written	
				practical		
23	4	Bachelors	free indexing and the use of	Theoretical	Oral	and
23		Ductions	free descriptors	and	written	una
			nee descriptors		WIILLOII	
24	1	Dashalana		practical	01	and
24	4	Bachelors	practical applications	Theoretical	Oral	and
				and	written	ļ
				practical		

25	4	Bachelors	Restricted indexing and the	Theoretical	Oral	and
			use of restricted descriptors	and	written	
				practical		
26	4	Bachelors	practical applications	Theoretical	Oral	and
				and	written	
				practical		
27	4	Bachelors	Thematic reference file:	Theoretical	Oral	and
			concept	and	written	
			_	practical		
28	4	Bachelors	importance, organization	Theoretical	Oral	and
				and	written	
				practical		
29	4	Bachelors	practical applications.	Theoretical	Oral	and
				and	written	
				practical		
30	4	Bachelors	Recent developments in the	Theoretical	Oral	and
			field of subject headings	and	written	
				practical		

.Course Evaluation

- 1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject 2-Quiz (short exam)
- 3-Practical
- 4- Attendance of students and assessment through interactive learning

•	
Required textbooks (curricular books,	Subject indexing: a study in Arabic subject
if any)	headings / Muhammad Fathi Abdel Hadi nd
	edition, expanded and revised.
Main references (sources)	1-Libraries and Information Studies in
	Professional Bibliographic Preparation /
	Muhammad Fathi Abdel Hadi 1993.
	2-Shaaban Abdel Aziz Khalifa. List of standard
	Arabic subject headings for libraries, information
	centers, and databases Cairo: Dar Al-Shorouk,
	2001.
Recommended books and references	Sources from the Internet
(scientific journals, reports)	

1. Course name and academic level

English texts, Fourt Year

2. Course code

ITKL-41

3. Semester/Year

2024-2025 Annual

4. Date this description was prepared

2024/9/12

.5. Available forms of attendance

On site

- 6. (of units (total Number of study hours (total) / Number
- 2 hours / 2 units
- 7. Name of the course supervisor (if more than one name is mentioned) and academic .title

ali.yousif@uomosul.edu.ig: Name: M.M. Ali Yousef Mohammed Email

8. objectives Course

Course objectives

students with the linguistic knowledge and technological skills necessary to interact effectively in modern digital work environments, by developing their skills in reading, writing, analysis, and professional communication, with a focus on contemporary topics as artificial intelligence, cybersecurity, social such media, digital libraries, and data applications, thus contributing to their academic and professional qualifications for the labor market.

Teaching and learning strategies

Strategy brainstorming education group

10. Course structure

kwee	watch es	Required learning outcomes	Name of unit or topic	Learnin g method	Evaluation method
1	2	s' Bachelor	English Texts: an introduction to developing essays		Written and oral

2	2	Bachelor's	Artificial intelligence: Readings	Theoreti	Written and
				cal	oral
3	2	Bachelor's	Artificial intelligence: exercises	Theoreti	Written and
				cal	oral
4	2	Bachelor's	Social media collaboration:	Theoreti	Written and
			Reading	cal	oral
5	2	Bachelor's	LinkedIn: Use and application	Theoreti	Written and
				cal	oral
6	2	Bachelor's	LinkedIn: Exercises	Theoreti	Written and
				cal	oral
7	2	Bachelor's	Creating Effective LinkedIn	Theoreti	Written and
			Profiles (English Focus)	cal	oral
8	2	Bachelor's	Data visualization	Theoreti	Written and
				cal	oral
9	2	Bachelor's	Data visualization application	Theoreti	Written and
				cal	oral
10	2	Bachelor's	Data Visualization Types	Theoreti	Written and
				cal	oral
11	2	Bachelor's	Visual reality: Readings	Theoreti	Written and
	<u>-</u>			cal	oral
12	2	Bachelor's	Visual Reality applications	Theoreti	Written and
12	_		7 - 1-1-	cal	oral
13	2	Bachelor's	Questions comprehension activity	Theoreti	Written and
			and seemen seemen decrees	cal	oral
14	2	Bachelor's	Quiz activity	Theoreti	Written and
	_		,	cal	oral
15	2	Bachelor's	Semester Exam	Theoreti	Written and
	_			cal	oral
16	2	Bachelor's	Text structure and grammar	Theoreti	Written and
	_			cal	oral
17	2	Bachelor's	Cyber security: Readings	Theoreti	Written and
				cal	oral
18	2	Bachelor's	Data security	Theoreti	Written and
	_	200101010		cal	oral
19	2	Bachelor's	Security challenges and strategies	Theoreti	Written and
19		200101010	Tetanity disancinged and strategies	cal	oral
20	2	Bachelor's	Questions activity	Theoreti	Written and
20		200101010	2.33.13.13.33.14	cal	oral
21	2	Bachelor's	ISBN and ISNN: readings	Theoreti	Written and
		2001101015	issit and isitit. redaings	cal	oral
22	2	Bachelor's	ISBN and ISSN applications	Theoreti	Written and
		Ducheloi S		cal	ora
23	2	Bachelor's	Exercise activity	Theoreti	Written and
25	۷	Ducheloi S	Exercise activity	cal	ora
24	2	Bachelor's	Quiz activity	Theoreti	Written and
24		Dacheloi 8	Quiz activity		ora
35		Bachelor's	Digital Libraries: Poadings	cal	Written and
25	2	Dacheloi S	Digital Libraries: Readings	Theoreti	
					ora

				cal	
26	2	Bachelor's	Digital Libraries: Structure and	Theoreti	Written and
			Functions	cal	oral
27	2	Bachelor's	Digital libraries: visual	Theoreti	Written and
			presentation	cal	oral
28	2	Bachelor's	E-Learning: Readings	Theoreti	Written and
				cal	oral
29	2	Bachelor's	E-learning: questions activity	Theoreti	and Writter
				cal	oral
30	2	Bachelor's	Semester Exam	Theoreti	Written and
				cal	oral

11. Course Evaluation and Grade Divisions

The grade is distributed out of 100 based on the tasks assigned to the

exams, student, such as daily preparation, daily, oral, monthly and written .reports, etc 12. Learning and teaching resources Required textbooks methodology if) (any Main References (Sources) English for Information Technology (Pearson Longman) Recommended supporting books and references scientific) 'journals (...reports Electronic references, websites

1.	Course name and academic stage:
D	mocracy and human rights / the first stage
2.	Course code
<mark>A</mark> r	<mark>n25F1104</mark>

3.	Sem	Semester/Year								
20	25-2	024								
4.	Date this description was prepared									
12	/9/20)24								
5.	Avai	lable fo	orms of atte	endance						
In	lividu	ual gro	up							
6.	Num	ber of	study hour	s (total) / Number of units (total)						
2	iours	s / 2 ur	nits							
7.	Nam	e of th	ne course su	ipervisor (if more than one name is me	ntioned) a	and academic				
tit										
th	e nar	ne: Dr	. marwa mo	ohammed ameen / <u>marwa.ameen@uo</u>	<u>mosul.ed</u>	<u>u.iq</u>				
		e obje	ectives							
	Subje		Raisi	ng students awareness of human rights	5					
	objec	tives	• Dire	cting students to demand their human	rights					
			• Dire	cting his request to apply the principles	of demo	cracy				
				ribute to the protection and promotion		-				
9.	Теас	hing a	nd learning			J				
St	ateg	SY.	• brai	nstorming and group learning						
10	. Coı	ırse St	ructure							
	ek	Hour	Required	Name of the unit or topic	Learnin	Evaluation				
		S	learning	·	g	method				
			outcomes		method					
1		2	Bachelor's	The concept of human rights	Theory	Written and oral				
2		2	Bachelor's	Generations of human rights	Theory	Written and oral				
3		2	Bachelor's	Principles of low of eshnunna	theory	Written and oral				
4		2	Bachelor's	Exam	theory	Written and oral				
5		2	Bachelor's	Principles of urgaginas law	theory	Written and oral				
6		2	Bachelor's	Principles of the law of lipit-ishtar	theory	Written and oral				
7		2	Bachelor's	Features of hammurabis code	theory	Written and				
Щ			1							

						oral
8		2	Bachelor's	human rights in greek civilization	theory	Written and
						oral
9		2	Bachelor's	human rights in roman civilization	theory	Written and
						oral
10		2	Bachelor's	human rights in judaisn	theory	Written and
11		•	Daabalaula	France	4la a a	oral
11		2	Bachelor's	Exam	theory	Written and oral
12		2	Bachelor's	human rights in christiaity	theory	Written and
12		2	Duchelor 3	Transaction of the strain of t	tireory	oral
13		2	Bachelor's	human rights in islam	theory	Written and
		_			,	oral
14		2	Bachelor's	womens rights in islam	theory	Written and
						oral
15		2	Bachelor's	human rights in ancient times	theory	Written and
						oral
16		2	Bachelor's	human rights in england	Theory	
17		2	Bachelor's	human rights in france		
18		2	Bachelor's	Exam		
19		2	Bachelor's	Gironda project		
20		2	Bachelor's	United nations charter on human rights		
21		2	Bachelor's	Principles of the universal declaration of		
				human rights		
22			Bachelor's	The concept of the democratic system		
2 3		2	Bachelor's	Features of the democratic system		
24		2	Bachelor's	Characteristics of the democratic system		
25		2	Bachelor's	Foundations of democracy		
26		2	Bachelor's	Digital democracy		
27		2	Bachelor's	Aspects of Digital democracy		
28		2	Bachelor's	How do we judge the democracy of society		
29		2	Bachelor's	Exam		
30		2	Bachelor's	Review the material		
	_					

11 Course Evaluation and Grade Divisions

The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

- 1- heoretical exams inside the hall
- 2- aily exams
- 3- reparing the activity inside the classroom
- 4- uestions answers and participation
- 5- nonthly exam
- 12 Learning and teaching resources

Re juired textbooks There is no textbook

	ethodology if any)	
M	in References (Sources)	Hamid hanoun , human rights and judicial guarantees 2015
	ommended supporting	
	oks and references	
	entific journals,	
	orts) ctronic references,	1. Iraqi Unified Catalog - Al-Abbas's Holy Shrine /
W€	bsites	https://iquc.org/
		2. Iraqi Digital Repository / https://iqdr.iq/
		3. Iraqi Digital Library / https://www.ivsl.org/
		4. OCLC / tps://www.oclc.org/en/home.html?redirect=true
		5. Wordcat / https://www.oclc.org/en/worldcat.html
		6. MARC / https://www.loc.gov/marc/
		7. Directory of Open Access Periodicals / https://doaj.org/
		8. Library of Congress https://www.loc.gov/
		9. International Federation of Library Associations
		https://repository.ifla.org/
		10. Computerized Library Catalogs
		https://www.oclc.org/en/home.html
_		·

1.	Course name and academic stage:
Tł	e crimes of the baath regime in Iraq / the second stage
2.	Course code
<mark>A</mark> r	n25F1204
3.	Semester/Year
20	25-2024
4.	Date this description was prepared
12	/9/2024
5.	Available forms of attendance

lividual group										
Num	Number of study hours (total) / Number of units (total)									
iours / 2 units										
Nam	e of th	ie course su	upervisor (if more than one name is mer	ntioned)	and academic					
				,						
				, ,						
e nar	ne: Dr	. marwa mo	ohammed ameen / <u>marwa.ameen@uor</u>	<u>nosul.ed</u>	<u>u.iq</u>					
ours	e obje	ctives								
Educating students about the crimes committed by the Baath regime in Iraq Guiding students to familiarize themselves With crimes Educating students about the seriousness of crimes										
Геас	hing a	nd learning	strategies							
ateg	S y	• brai	nstorming and group learning							
. Cou	ırse St	ructure								
ek	Hour s	Required learning outcomes	Name of the unit or topic	Learnin g method	Evaluation method					
	2	Bachelor's	The concept of crimes and their types	theory	Written and oral					
	2	Bachelor's	Definition of crimes in language and terminologyy	theory	Written and oral					
	2	Bachelor's	Crime sections	theory	Written and oral					
	2	Bachelor's	exam	theory	Written and oral					
	2	Bachelor's	Crimes of the baath regime according to the Iraqi supreme criminal court law 2005	theory	Written and oral					
	2	Bachelor's	Types of international crimes	theory	Written and oral					
	2	Bachelor's	Decisions issued by the criminal court	theory	Written and oral					
	2	Bachelor's	Psychological crimes	theory	Written and oral					
	2	Bachelor's	Mechanisms of psychological crimes	theory	Written and oral					
	2	Bachelor's	Psychological effects of crimes	theory	Written and oral					
	Nam e. e nar cours Subject Teac	Name of the e. e name: Dresourse objectives Teaching a rategy Course Stek Hours 2 2 2 2 2 2 2 2 2 2 2	Name of the course sure. e. Properties of the course sure. e name: Dr. marwa more ourse objectives Subject objectives Subject objectives Guid regin Guid Educ Feaching and learning ategy obrai Course Structure ek Hour Required learning outcomes 2 Bachelor's 2 Bachelor's 2 Bachelor's 2 Bachelor's 2 Bachelor's 3 Bachelor's 4 Bachelor's 5 Bachelor's 5 Bachelor's 6 Bachelor's 7 Bachelor's 8 Bachelor's 9 Bachelor's 9 Bachelor's 10 Bachelor's 11 Bachelor's 12 Bachelor's 12 Bachelor's 13 Bachelor's 14 Bachelor's 15 Bachelor's 16 Bachelor's 17 Bachelor's 18 Bachelor's 18 Bachelor's 18 Bachelor's 18 Bachelor's 18 Bachelor's 18 Bachelor's	Name of the course supervisor (if more than one name is mere. e name: Dr. marwa mohammed ameen / marwa.ameen@uorourse objectives Subject objectives • Educating students about the crimes comming in Iraq	Name of the course supervisor (if more than one name is mentioned) e. e name: Dr. marwa mohammed ameen / marwa.ameen@uomosul.ed ourse objectives Subject objectives • Educating students about the crimes committed by t regime in Iraq • Guiding students to familiarize themselves With crim • Educating students about the seriousness of crimes Teaching and learning strategies ategy • brainstorming and group learning Course Structure ek					

11		2	Bachelor's	exam	theory	Written and oral				
12		2	Bachelor's	Social crimes	theory	Written and				
			20.01.010.0			oral				
13		2	Bachelor's	Violations of Iraqi laws	theory	Written and				
			D	<u> </u>		oral				
14		2	Bachelor's	Environmental crimes	theory	Written and oral				
15		2	Bachelor's	War and radioactive pollution	theory	Written and				
				·		oral				
16		2	Bachelor's	The effects of the chemical attack on						
17		2	Bachelor's	halabja Destruction of cities and villages						
18		2	Bachelor's	exam						
19		2	Bachelor's	Burning oil wells						
20		2	Bachelor's	Draining the marches						
21		2	Bachelor's	Theeffects of draining the marches						
22			Bachelor's	Orchird clearing						
23		2	Bachelor's	Environmental impacts of orchard clearing						
24		2	Bachelor's	Mass grave crimes						
25		2	Bachelor's	the Shaaban uprising						
26		2	Bachelor's	Genocide graves events						
27		2	Bachelor's	Events of the iran-iraq war						
28		2	Bachelor's	Chronological classification of the genocide graves						
2 9		2	Bachelor's	Exam						
30		2	Bachelor's	Review the material						
11	Cour	se Eval	uation and G	rade Divisions						
Th	grac	de is dis	tributed out	of 100 according to the tasks assigned to the	student, su	ıch as daily				
			• •	thly and written exams, reports, etc.						
			ams inside th	ne hall						
		exams	activity insid	le the classroom						
		_	swers and pai							
5-	nonth	nly exan	n							
12	Lear	ning an	d teaching re	sources						
Re	quired textbooks Crimes of the baath regime in iraq									
_	ethodology if any)									
			es (Sources)	Hamid hannon, human rights and legal guarant	ees 2015					
			supporting							
		nd refei ic iourn								
(30	C I I C I	entific journals,								

re orts...)

	1. Iraqi Unified Catalog - Al-Abbas's Holy Shrine /			
ve bsites	https://iquc.org/			
	2. Iraqi Digital Repository / https://iqdr.iq/			
	3. Iraqi Digital Library / https://www.ivsl.org/			
	4. OCLC / tps://www.oclc.org/en/home.html?redirect=true			
	5. Wordcat / https://www.oclc.org/en/worldcat.html			
	6. MARC / https://www.loc.gov/marc/			
	7. Directory of Open Access Periodicals / https://doaj.org/			
	8. Library of Congress https://www.loc.gov/			
	9. International Federation of Library Associations			
	https://repository.ifla.org/			
	10. Computerized Library Catalogs			
	https://www.oclc.org/en/home.html			
	·			
	•			
Course code				
2. Course code				
T (L-402				
T (L-402 3. Semester/Year 20 25-2024				
T (L-402 3. Semester/Year 20 25-2024 4. Date this description	was prepared			
T (L-402 3. Semester/Year 2(25-2024 4. Date this description 2(24 /9 /12				
T (L-402 3. Semester/Year 20 25-2024 4. Date this description 20 24 /9 /12 5. Available forms of att				
T (L-402 3. Semester/Year 2. 25-2024 4. Date this description 2. 24 /9 /12 5. Available forms of att 7 presence	endance			
T (L-402 3. Semester/Year 2. 25-2024 4. Date this description 2. 24 /9 /12 5. Available forms of att 7 presence 6. Number of study hou				
T (L-402 3. Semester/Year 2. 25-2024 4. Date this description 2. 24 /9 /12 5. Available forms of att 7 presence	endance			
T (L-402 3. Semester/Year 2. 25-2024 4. Date this description 2. 24 /9 /12 5. Available forms of att 7 presence 6. Number of study hou 8 lours / 5 units	endance			
T (L-402 3. Semester/Year 2. 25-2024 4. Date this description 2. 24 /9 /12 5. Available forms of att 7 presence 6. Number of study hou 8 lours / 5 units	endance rs (total) / Number of units (total)			

8	ourse objectives								
	objectives and sa • 2. Intr		and sa • 2. Intr	ine management information systems and their importance in facilitating work aving effort and time. oduce students to the importance of information systems for libraries and					
9.	information centers. Teaching and learning strategies								
	it ategy		 Brainstorming Social Education Reciprocal teaching 						
10			ructure						
W	ek	Hour s	Required learning outcomes	Name of the unit or topic	Learnin g method	Evaluation method			
1		3	Bachelor's	Information Technology, Its Trends	theory	Written and oral			
2		3	Bachelor's	Information Technology Hardware	theory	Written and oral			
3		3	Bachelor's	Information Systems, Information Systems Infrastructure	theory	Written and oral			
4		3	Bachelor's	Types of information, methods of collecting it	theory	Written and oral			
5		3	Bachelor's	Features and Characteristics of Information	theory	Written and oral			
6		3	Bachelor's	Elements and Components of the System	theory	Written and oral			
7		3	Bachelor's	Types of Information Systems and Their Forms	theory	Written and oral			
8		3	Bachelor's	Fundamentals of Management Information Systems	theory	Written and oral			
9		3	Bachelor's	Development of Management Information Systems	theory	Written and oral			
10		3	Bachelor's	Emergence of Digital Organizations with Electronic Applications	theory	Written and oral			
11		3	Bachelor's	Concept of Management Information Systems	theory	Written and oral			
12		3	Bachelor's	Characteristics and Features of Management Information Systems	theory	Written and oral			
13		3	Bachelor's	Elements and Requirements for Operating Management Information Systems	theory	Written and oral			
14		3	Bachelor's	Benefits of Management Information Systems	theory	Written and oral			
15		3	Bachelor's	Student Tests	theory	Written and oral			
16		3	Bachelor's	Negative Effects of Using Management					

		_		1	1
			Information Systems		
17	3	Bachelor's	Determinants and Components of		
			Management Information Systems		
18	3	Bachelor's	Challenges of Management Information		
			Systems		
19	19 3 Bachelor's		Difficulties in Successfully Implementing		
			Management Information Systems in		
			Organizations		
20	3	Bachelor's	Information Transfer Methods in Management		
		5 1 1 1	Information Systems		
21	3	Bachelor's	Types of Management Information Systems		
22		Bachelor's	Management Information Systems by		
			Administrative Level		
23	3	Bachelor's	Information Systems Supporting Senior		
			Management Executives: Definition and		
24		Doobolows	Advantages Decision support information systems and		
24	3	Bachelor's	Decision support information systems and group decision support systems: definition and		
			advantages		
25	3	Bachelor's	Decision support information systems and		
23) 3	bacileioi 3	group decision support systems: definition and		
			advantages		
26	3	Bachelor's	Transaction processing systems, definition, and		
		200110101	types		
27	3	Bachelor's	Office information systems, definition, and		
			benefits		
28	3	Bachelor's	Types of Office Information Systems		
29	3	Bachelor's	Document processing systems, communication		
			and messaging systems, teleconferencing		
			systems, office organization systems		
30	3	Bachelor's	Student testing for course material		
11	Course Evaluation and Grade Divisions				
	•		of 100 according to the tasks assigned to the s	student, su	ch as daily
_	-	-	thly and written exams, reports, etc.		
12	Learning an	d teaching re	sources		
Re	quired textbo	ooks	There are no methodological books		
	rethodology if any)		There are no methodological books		
	in References (Sources) Management Information Systems: A Technological Perspective / Mazhar				ctive / Mazhar
'			Shaaban Al-Ani Amman: Wael Publishing House, 2009.		
Re	e commended supporting		Management Information Systems / Iman Fadel Al-Samarrai, Haitham		
	coks and references		Mohammed Al-Zaghbi Amman: Al-Safa Publishing and Distribution House,		
	entific journals,		2004.		
	e orts)				
	ctronic refer	ences	1 Iragi Unified Catalog - Al-Abbas's Holy Shring /		
		c.1003,	1. Iraqi Unified Catalog - Al-Abbas's Holy Shrine /		
W	bsites		https://iquc.org/		
			2 Iragi Digital Ponository / https://igdr.ig/		
			2. Iraqi Digital Repository <u>/ https://iqdr.iq/</u>		
_					

	3. Iraqi Digital Library / https://www.ivsl.org/	
	4. OCLC / tps://www.oclc.org/en/home.html?redirect=true	
	5. Wordcat / https://www.oclc.org/en/worldcat.html	
6. MARC / https://www.loc.gov/marc/		
	7. Directory of Open Access Periodicals / https://doaj.org/	
	8. Library of Congress https://www.loc.gov/	
	9. International Federation of Library Associations	
	https://repository.ifla.org/	
	10. Computerized Library Catalogs	
	https://www.oclc.org/en/home.html	
	1. Course name and academic level	
	Qualitative Information Institutions/First Phase	
	2. Course code	
	Arln25F1108	
	3. Semester/Year	
	2024/2025	

Qualitative Information Institutions/First Phase
2. Course code
Arln25F1108
3. Semester/Year
2024/2025
4. Date this description was prepared
11/21/2024
5. Available forms of attendance
In-person and online
6. Number of study hours (total) / Number of units (total)
4
7. Name of the course supervisor (if more than one name is mentioned)
and academic title.
Name: M. Sarmed Siddiq Ghazi Email:sarmad.sg@uomosul.edu.iq
8. Course objectives

Introducing students to	•	Subject objectives
the types of libraries		, ,
Introducing students to	•	
the administrative system		
of each library		
Learn about the most	•	
important services		
provided by libraries to		
their beneficiaries		
	9.	Teaching and learning strategies

Brainstorming Strategy
Group education
Reciprocal teaching

10. Course Structure Required **Evaluation** Name of the Watches The Learning method method unit or topic learning week outcomes Written and National Bachelor's 4 1 theory oral Library Concept theory Bachelor's 4 2 Written and National oral **Library Jobs** Organizational 3 Written and theory Bachelor's 4 oral and administrative structure of the National Library Bachelor's 4 Written and theory 4 **Legal Deposit** oral theory 5 Written and Examples of Bachelor's 4 global national oral libraries theory The concept of 4 6 Written and Bachelor's university oral libraries

VA / with the control of	Ala a a su s	Tl	Da ala al a al a	4	7
Written and	theory	The	Bachelor's	4	7
oral		importance of			
		university			
		libraries			
Written and	theory	Objectives and	Bachelor's	4	8
oral		duties of			
		university			
		libraries			
Written and	theory	Office	Bachelor's	4	9
oral		Formation at			
		University			
		Level			
Written and	theory	The concept of	Bachelor's	4	10
oral	-	a specialized			
		library			
Written and	theory	Specialized	Bachelor's	4	11
oral	,	Library Jobs			
Written and	theory	Features of	Bachelor's	4	12
oral	circoi, y	the specialized	246.16.6.3		
J. Gran		library			
Written and	theory	Basic	Bachelor's	4	13
oral	cricory	components	Duchelor 3	7	13
Oral		of specialized			
		libraries			
Written and	thoony	Specialized	Bachelor's	4	14
	theory	•	Dacheloi S	4	14
oral		Library			
NA/with a second	*l	Services	Do als alle als	4	1.5
Written and	theory	a test	Bachelor's	4	15
oral		T I		4	4.6
Written and	theory	The concept of	Bachelor's	4	16
oral		public libraries			
		and their			
		importance			
Written and	theory	Objectives of	Bachelor's	4	17
oral		public libraries			
Written and	theory	Public Library	Bachelor's	4	18
oral		Building			
Written and	theory	Public	Bachelor's	4	19
oral		Libraries			
		Organization			
Written and	theory	Office Group	Bachelor's	4	20

oral					
Written and	theory	Public library	Bachelor's	4	21
oral		workforce			
Written and	theory	Public library	Bachelor's	4	22
oral		services			
Written and	theory	The concept	Bachelor's	4	23
oral		and objectives			
		of school			
		libraries			
Written and	theory	School library	Bachelor's	4	24
oral		jobs			
Written and	theory	Elements of	Bachelor's	4	25
oral		school			
		libraries			
Written and	theory	Office	Bachelor's	4	26
oral		collaboration			
		concept			
Written and	theory	Barriers to	Bachelor's	4	27
oral		collaboration			
		between			
		libraries			
Written and	theory	What are	Bachelor's	4	28
oral		digital			
		libraries?			
Written and	theory	Advantages of	Bachelor's	4	29
oral		digital library			
Written and	theory	a test	Bachelor's	4	30
oral					

11. Course Evaluation and Grade Divisions

The grade is distributed out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

12. Learning and teaching resources

Required textbooks (methodology if	Muhammad Awda Aliwi, Mujbil
any)	Lazem Al-Maliki, Qualitative

Libraries	
	Main References (Sources)
Children's Library / Mohammed	Recommended supporting books
Diab	and references (scientific journals,
	reports)
1. https://www.noor-book.com/	Electronic references, websites
2. <u>https://books-library.ne</u>	
3. https://www.bibalex.org/ar/	

Course Name:	Course Name:				
Digital content management systems / Third class					
Course Code:					
ITKL-32					
Semester / Ye	ar: Academic Year 2023-2024				
Description Pa	reparation Date:				
22/9/2024					
Available Atte	endance Forms: On campus / Electronic Platform				
On campus an	d Electronic Platform				
Number of Cr	edit Hours () / Number of Units ():				
4/4					
Course admin	istrator's name (mention all, if more than one name)				
Name: Rami F	Rakan Arab				
Email: ramiea	kan86@uomosul.edu.iq				
Course Object	tives				
Course					
Objectives	The course aims to identify the concepts of digital content and its				
	characteristics, as well as identify the types of systems and models of				
	them and work on them				
	Teaching and Learning Strategies				
Strategy	tegy Learning and Teaching Strategies				
	Modern education strategies aim to achieve specific goals to provide				
	opportunities for students to increase their learning abilities and diversity in				

the methods and implementation of curricula in teaching processes that take into account individual circumstances and the abilities and potential of learners. Learning and teaching are carried out according to the latest self-education tools using the computer and through modern programs in the fields of education.

Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4	Bachelor's	Basic concepts of digital content	Conceptual material	Written exam and Oral exam
2	4	Bachelor's	Digital content and its creation	Conceptual material	Written exam and Oral exam
3	4	Bachelor's	Characteristics of content and digital content	Conceptual material	Written exam and Oral exam
4	4	Bachelor's	Types of digital content	Conceptual material	Written exam and Oral exam
5	4	Bachelor's	Dimensions and motivations for the trend towards content creation	Conceptual material	Written exam and Oral exam
6	4	Bachelor's	Key trends in the content industry sector	Conceptual material	Written exam and Oral exam
7	4	Bachelor's	Resources for creating digital content	Conceptual material	Written exam and Oral exam
8	4	Bachelor's	Features and characteristics of digital content	Conceptual material	Written exam and Oral exam
9	4	Bachelor's	Digital content industry requirements	Conceptual material	Written exam and Oral exam
10	4	Bachelor's	Primary digital content sources	Conceptual material	Written exam and Oral exam
11	4	Bachelor's	Classifications of digital content management systems	Conceptual material	Written exam and Oral exam
12	4	Bachelor's	Open source systems and proprietary commercial systems and the difference between them	Conceptual material	Written exam and Oral exam
13	4	Bachelor's	Characteristics of digital content	Conceptual	Written exam

			management systems	material	and Oral exam
14	4	Bachelor's	Security of digital content	Conceptual	Written exam
17	J Bueneror 5		management systems	material	and Oral exam
1.7	4	D 1 1 1	Disadvantages and advantages	Conceptual	Written exam
15	4	Bachelor's	of digital content management systems	material	and Oral exam
4.6			WordPress System -	Conceptual	Written exam
16	4	Bachelor's	Introduction	material	and Oral exam
17	4	Doob alore's	Features and characteristics of	Conceptual	Written exam
17	4	Bachelor's	the WordPress system	material	and Oral exam
18	4	Bachelor's	Installing the WordPress system	Conceptual	Written exam
10	7	Bachelol 5		material	and Oral exam
19	4	Bachelor's	Practical application on	Practical	Written exam
	•		WordPress	~	and Oral exam
20	4	Bachelor's	Joomla System - Introduction	Conceptual	Written exam
				material	and Oral exam
21	4	Bachelor's	Features and characteristics of the Joomla system	Conceptual	Written exam
			· ·	material	and Oral exam
22	4	Bachelor's	Joomla system installation	Conceptual	Written exam
			Practical application on Joomla	material Practical	and Oral exam Written exam
23	4	Bachelor's	system	Tractical	Written exam and Oral exam
			Practical exam for the two	Practical	Written exam
24	4	Bachelor's	systems	Tractical	and Oral exam
0.5			pmb system introduction	Conceptual	Written exam
25	4	Bachelor's		material	and Oral exam
26	4	Bachelor's	Features and characteristics of	Conceptual	Written exam
26	4	Bachelors	the PMB system	material	and Oral exam
27	4	Bachelor's	Installation and application on	Conceptual	Written exam
21	4	Dacheloi 8	the PMB system	material	and Oral exam
28	4	Bachelor's	opendocman system –	Conceptual	Written exam
20	· ·	Duellelol 5	introduction and features	material	and Oral exam
29	4	Bachelor's	Installing the opendocman	Conceptual	Written exam
	•		system	material	and Oral exam
30	4	Bachelor's	Practical application of opendocman system	Practical	Written exam
	Evaluation		opendocinan system		and Oral exam

- 1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject
- 2-Quiz (short exam)
- 3-Practical
- 4- Attendance of students and assessment through interactive learning

Required textbooks (curricular books,	
if any)	
Main references (sources)	Digital Content Management Systems Talal Al-
	Zuhairi
Recommended books and references	Abdul Latif Hashem. To benefit from digital
(scientific journals, reports)	content management systems in providing services
	and making documents available in government
	institutions
	Amr Saeed. Content management systems for
	online forums: a comparative analytical study
Electronic References, Websites	Systems: WordPress – Joomla- pmb
	•

.Course Name:		
Research Methodology/Masters		
.Course Code:		
.ArIn25Fm202		
.Semester / Year: Academic Year		
2024-2025		
.Description Preparation Date:		
5/5/2025		
.Available Attendance Forms: On campus / Electronic Platform		
My presence and Electronic		
.Number of Credit Hours () / Number of Units ():		
2		
.Course administrator's name (mention all, if more than one name) Assistant professor		
Name: Sumaya yonis Saeed		
Email: sumayaalkafaf@yahoo.com		
.Course Objectives		
.Introducing the student to scientific research methods and how to write solid scientific		
research. Introducing the student to the most important scientific methods and how to use		
sources and data collection tools and writing the final research report.		
Course		
Objectives		
.Teaching and Learning Strategies		

Strategy

Learning and Teaching Strategies

Modern education strategies aim to achieve specific goals to provide opportunities for students to increase their learning abilities and diversity in the methods and implementation of curricula in teaching processes that take into account individual circumstances and the abilities and potential of learners. Learning and teaching are carried out according to the latest self-education tools using the computer and through modern programs in the fields of education.

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Course	Structure	<u> </u>			
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Masters	The concept of scientific research and its characteristics	theory	Oral and Written
2	2	Masters	Motivations for conducting research and studies and what are the types of scientific research	theory	Oral and Written
3	2	Masters	The concept of scientific research methods and the historical method	theory	Oral and Written
4	2	Masters	Descriptive method, survey method, and content analysis method	theory	Oral and Written
5	2	Masters	Experimental, inductive, deductive and comparative method	theory	Oral and Written
6	2	Masters	Introduction to the research title, research problem, and hypotheses	theory	Oral and Written
7	2	Masters	Explaining the importance	theory	Oral and Written

			of research, the scientific research methodology, and how to write it		
8	2	Masters	Introducing the study population, study limitations, and previous studies	theory	Oral and Written
9	2	Masters	Introducing the study terminology and the structure of scientific research	theory	Oral and Written
10	2	Masters	How to write sources and references	theory	Oral and Written
11	2	Masters	How to analyze information and derive results with scientific research	theory	Oral and Written
12	2	Masters	What are primary and secondary sources and how to use them in research	theory	Oral and Written
13	2	Masters	What are the data collection tools in research?	theory	Oral and Written
14	2	Masters	Using questionnaire, interview and observation in research	theory	Oral and Written
15	2	Masters	What are samples and how to select them for research, along with how to write the final research report	theory	Oral and Written

1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject

2-Quiz (short exam)

3-Practical

4- Attendance of students and assessment through interactive learning

Required textbooks (curricular books,	Scientific research methods / Dr. Muhammad
if any)	Sarhan Ali Al Mahmoudi / 2019
Main references (sources)	Lectures on Advanced Research Methodology
Recommended books and references	Book and Refernces by Samira Satouyah
(scientific journals, reports)	Anf Written by Muhammad AL Fatheh Hsmdi
Electronic References, Websites	A large variety of articles for scientific journals
	taken from the Internet

.1. Course name and academic level

English term Third stage

2.Course code

ITKL-21

3. Semester/Year

2024-2025 Annual

4. Date this description was prepared

2024/9/12

5. Available forms of attendance

On site

- 6. (study hours (total) / Number of units (total Number of
- 2 hours / 2 units
- 7. Name of the course supervisor (if more than one name is mentioned) and academic .title

Name: Asst. Lect. :Ali Yousef Mohammed Email . ali.yousif@uomosul.edu.iq

8. Course objectives

or con-zer cojett-, tz	
Course objectives	1. Learn technical terms related to information
	systems, databases, knowledge management,
	artificial intelligence, networks, software, and digital
	storage.
	2. Use these terms correctly in both oral and written
	contexts.
	3. Distinguish the subtle differences between similar
	terms and idiomatic versus general meanings.
	4. Using terminology in preparing presentations,
	reports, and summaries in English.

 dents' proficiency in reading and Raising stu understanding technical documents and specialized references in English.

9. Teaching and learning strategies

Strategy brainstorming group education

10. Course structure

Learning outcomes	10. Cou	rse struct	ure			
Section Sect	week	Hours	Required	unit or topic Name of	Learnin	Evaluatic
Section Sect			learning		g	n method
1 2 s' Bachelor terminology					_	
terminology cal ora Comparison Comparis	1	2	s' Bachelor	An introduction to	Theoreti	Written and
information, and knowledge 3 2 Bachelor's Alphabetization and book card in library browsing cal ora 4 2 Bachelor's Seminar presentation Theoreti cal ora 5 2 Bachelor's Virtual reality and metaverse 6 2 Bachelor's Internet of things applications cal ora 7 2 Bachelor's Quiz activity Theoreti cal ora 8 2 Bachelor's International standard book number and international standard serial number 9 2 Bachelor's Library policy Theoreti cal ora 10 2 Bachelor's Lacuna, library instruction round table Seminar presentation Theoreti Cal ora 11 2 Bachelor's Library province Theoreti Cal ora 12 Bachelor's Library province Cal ora 13 2 Bachelor's Monthly exam Theoreti Written and ora 14 2 Bachelor's Library management cal ora 16 Virtica and ora 17 Theoreti Cal ora 18 Vritten and ora 19 Theoreti Cal ora 10 Theoreti Cal ora 10 Theoreti Cal ora 11 Theoreti Cal ora 12 Cal Bachelor's Monthly exam Theoreti Cal ora 13 Cal Bachelor's Library management Cal ora 14 Cal Bachelor's Hologram: applications Theoreti Cal ora 18 Vritten and ora 19 Theoreti Cal Ora 10 Ora 10 Ora 11 Ora 12 Ora 13 Ora 14 Ora 15 Ora 16 Ora 17 Ora 18 Ora 19 Ora 19 Ora 10 Ora 11 Ora 12 Ora 13 Ora 14 Ora 15 Ora 16 Ora 17 Ora 18 Ora 18 Ora 19 Ora 19 Ora 10 Ora 10 Ora 11 Ora 12 Ora 13 Ora 14 Ora 15 Ora 16 Ora 17 Ora 18 Ora 18 Ora 18 Ora 19 Ora 19 Ora 10 Ora 10 Ora 11 Ora 12 Ora 13 Ora 14 Ora 15 Ora 16 Ora 17 Ora 18 Ora 18 Ora 18 Ora 19 Ora 19 Ora 10 Ora 10 Ora 11 Ora 12 Ora 13 Ora 14 Ora 15 Ora 16 Ora 17 Ora 17 Ora 18 Ora 18 Ora 19 Ora 19 Ora 10 Ora 10 Ora 10 Ora 11 Ora 12 Ora 13 Ora 14 Ora 15 Ora 16 Ora 17 Ora 18 Ora 18 Ora 18 Ora 18 Ora 18 Ora 19 Ora 10 Ora	_	_			cal	oral
information, and knowledge 3 2 Bachelor's Alphabetization and book card in library browsing 4 2 Bachelor's Seminar presentation 5 2 Bachelor's Virtual reality and metaverse 6 2 Bachelor's Internet of things applications 7 2 Bachelor's Quiz activity 8 2 Bachelor's International standard book number and international standard serial number 9 2 Bachelor's Library policy 10 2 Bachelor's Lacuna, library instruction round table 11 2 Bachelor's Seminar presentation 12 Bachelor's Library policy 13 2 Bachelor's Library management cal written and ora	2	2	Bachelor's	Defining data,	Theoreti	Written and
Richards					cal	oral
Bachelor's Seminar presentation Theoreti Cal Ora						
4 2 Bachelor's Seminar presentation Theoreti cal Seminar presentation 5 2 Bachelor's Virtual reality and metaverse 6 2 Bachelor's Internet of things applications cal Seminar presentation 7 2 Bachelor's Quiz activity 8 2 Bachelor's International standard book number and international standard serial number 9 2 Bachelor's Library policy 10 2 Bachelor's Lacuna, library instruction round table cal Seminar presentation 11 2 Bachelor's Seminar presentation 12 Bachelor's Library management cal Seminar presentation 13 2 Bachelor's Library management system 14 2 Bachelor's Hologram: applications Theoreti Cal Written and ora Written and ora Theoreti Cal Written and ora	3	2	Bachelor's	Alphabetization and book card in	Theoreti	Written and
Seminar presentation Cal Ora				library browsing	cal	
Bachelor's Virtual reality and metaverse Cal Written and ora	4	2	Bachelor's	Seminar presentation	Theoreti	Written and
metaverse cal ora Written and ora seminar presentation cal ora metaverse cal ora metaverse cal ora metaverse cal ora metaverse cal ora written and ora metaverse cal ora metaverse cal ora written and ora metaverse cal ora metavers						
Bachelor's Internet of things applications cal	5	2	Bachelor's	Virtual reality and	Theoreti	
Seminar presentation Cal Ora Ora				metaverse	cal	oral
Bachelor's Quiz activity Bachelor's Unternational standard book number and international standard serial number Bachelor's Library policy Bachelor's Lacuna, library instruction round table Bachelor's Seminar presentation Bachelor's Seminar presentation Theoreti Cal Written and Oral Theoreti Cal Written and Oral Written and Oral Theoreti Cal Written and Oral Theoreti Cal Written and Oral Seminar presentation Theoreti Cal Written and Oral Theoreti Cal Written and Oral Bachelor's Library management Theoreti Cal Written and Oral Bachelor's Library management Theoreti Cal Written and Oral Bachelor's Hologram: applications	6	2	Bachelor's	Internet of things applications	Theoreti	Written and
Bachelor's International standard book number and international standard serial number Bachelor's Library policy Bachelor's Lacuna, library instruction round table Bachelor's Seminar presentation Bachelor's Seminar presentation Theoreti Written and oral oral oral oral Bachelor's Seminar presentation Bachelor's Monthly exam Bachelor's Library management system Bachelor's Library management oral oral oral oral oral oral oral oral				:	cal	
Bachelor's International standard book number and international standard serial number Bachelor's Library policy Bachelor's Lacuna, library Theoreti cal oral instruction round table Bachelor's Seminar presentation Bachelor's Monthly exam Bachelor's Library management cal oral oral oral Bachelor's Library management Theoreti cal oral oral oral oral oral oral oral or	7	2	Bachelor's	Quiz activity	Theoreti	Written and
number and international standard serial number 9 2 Bachelor's Library policy Theoreti cal ora 10 2 Bachelor's Lacuna, library instruction round table 11 2 Bachelor's Seminar presentation Theoreti cal ora 12 2 Bachelor's Monthly exam Theoreti cal ora 13 2 Bachelor's Library management cal ora 14 2 Bachelor's Hologram: applications Theoreti Written and ora 14 7 Bachelor's Hologram: applications Theoreti Written and ora						
standard serial number 9 2 Bachelor's Library policy Theoreti cal ora 10 2 Bachelor's Lacuna, library instruction round table 11 2 Bachelor's Seminar presentation Theoreti cal ora 12 2 Bachelor's Monthly exam Theoreti cal ora 13 2 Bachelor's Library management system Theoreti Written and ora	8	2	Bachelor's	International standard book		
serial number 9 2 Bachelor's Library policy Theoreti cal oral 10 2 Bachelor's Lacuna, library Theoreti instruction round table 11 2 Bachelor's Seminar presentation Theoreti cal oral 12 2 Bachelor's Monthly exam Theoreti cal oral 13 2 Bachelor's Library management cal oral 14 2 Bachelor's Hologram: applications Theoreti Written and oral Theoreti Written and oral Written and oral Theoreti Written and oral Theoreti Written and oral				number and international	cal	ora
9 2 Bachelor's Library policy Theoreti cal written and oral 10 2 Bachelor's Lacuna, library Theoreti cal written and instruction round table 11 2 Bachelor's Seminar presentation Theoreti cal oral 12 2 Bachelor's Monthly exam Theoreti cal oral 13 2 Bachelor's Library management cal written and oral 14 2 Bachelor's Hologram: applications Theoreti Written and oral				standard		
9 2 Bachelor's Library policy Theoreti cal written and oral 10 2 Bachelor's Lacuna, library Theoreti cal written and instruction round table 11 2 Bachelor's Seminar presentation Theoreti cal oral 12 2 Bachelor's Monthly exam Theoreti cal oral 13 2 Bachelor's Library management cal written and oral 14 2 Bachelor's Hologram: applications Theoreti Written and oral				serial number		
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14 2 Bachelor's Hologram: applications Theoreti Written and	13	2	Bachelor's	Library management		
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cal ora	14	2	Bachelor's	Hologram: applications	Theoreti	
					cal	oral

15	2	Bachelor's	Review and practice	Theoreti cal	Written and oral
16	2	Bachelor's	Social media	Theoreti	Written and
10	∠	2001101010	applications	cal	oral
17	2	Bachelor's	Knowledge discovery in	Theoreti	Written and
1/	۷	<u> </u>	database	cal	oral
18	2	Bachelor's		Theoreti	Written and
10	۷	Ducilcioi s	Artificial intelligence and learning	cal	oral
19	2	Bachelor's	management system	Theoreti	Written and
19	۷	Duchelot 5	Data taxonomy	cal	oral
20	2	Bachelor's	Seminar presentation	Theoreti	Written and
				cal	oral
21	2	Bachelor's	Academic library American	Theoreti	Written and
			society for Information	cal	oral
			Science		
			and Technology		
22	2	Bachelor's	Addendum and	Theoreti	Written and
			Appendix	cal	oral
23	2	Bachelor's	Book auction, book	Theoreti	Written and
			card, book fair	cal	oral
24	2	Bachelor's	CD-ROM, Code of	Theoreti	Written and
			ethics	cal	oral
25	2	Bachelor's	Computer-based	Theoreti	Written and
			communication	cal	oral
26	2	Bachelor's	Monthly exam	Theoreti	Written and
			•	cal	oral
27	2	Bachelor's	Data compression,	Theoreti	Written and
			data visualization	cal	oral
28	2	Bachelor's	Distance learning,	Theoreti	Written and
			encryption	cal	oral
29	2	Bachelor's	Fire wall, focus group	Theoreti	Written and
2.0		Do-11!		cal	Oral
30	2	Bachelor's	Review and	Theoreti	Written and oral
			presentation	cal	Ora

11. Course Evaluation and Grade Divisions

The grade is distributed out of 100 based on the tasks assigned to the 'student, such as daily preparation, daily, oral, monthly and written exams .reports, etc

12. Learning and teaching resources

Required

textbooks	
methodology if)	
(any	
Main References	ODLIS
(Sources)	Online Dictionary for Library and Information Science
	by Joan M. Reitz
Recommended	
supporting books	
and references	
scientific)	
journals,	
(reports	
Electronic	https://www.loc.gov/ Library of Congress .1
references,	Computerized Library Catalogs .2
websites	https://www.oclc.org/en/home.html

urse Name:

Ir	formation sources	
. C	urse Code:	
ľ	KL-18	
. S	mester / Year: Academic Year 2023-2024	
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. D	scription Preparation Date:	
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. A	railable Attendance Forms: On campus / Electronic Platform	
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. N	ımber of Credit Hours () / Number of Units ():	
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. C	urse administrator's name (mention all, if more than one name) me: wasan sami sadaahl	_
	hail: wasansami@uomosul.edu.iq	
L	ilan. wasansanne uomosur.cau.iq	
. C	urse Objectives	
C	Identifying the sources of reference information in libraries, how arrange them, methods of searching in them, their types, at methods of evaluating them with examples of sources, then movit to electronic and digital sources and how to retrieve them	d

60

.T aching and Learning Strategies

S rategy

Learning and Teaching Strategies

Modern education strategies aim to achieve specific goals to provi e opportunities for students to increase their learning abilities and diversily in the methods and implementation of curricula in teaching processes that take into account individual circumstances and the abilities and potential of learners. Learning and teaching are carried out according to the latest self-education tools using the computer and through mode in programs in the fields of education.

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	niirce	Structure

\preceq	Juise Bulue	purse Structure					
V	eek	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method	
1		6	Information Specialist	The concept of the reference source, its features, functions and work of the reference department, organization in reference sources, their types, and evaluation criteria.	Theoretical and practical	exam	
2		6	Information Specialist	Linguistic dictionaries, their concept, stages of collecting language words, criteria for evaluating them, and examples	Theoretical and practical	exam	
3		6	Information Specialist	Arabic encyclopedias: their concept, features and organization, problems and sources, types, examples and evaluation criteria.	Theoretical and practical	exam	
4		6	Information Specialist	Dictionaries of translations, their concept and importance, types and	Theoretical and practical	exam	

			evaluation criteria, and examples		
5	6	Information Specialist	Practical application on how to use references	Theoretical and practical	exam
6	6	Information Specialist	Semester test	Theoretical and practical	exam
7	6	Information Specialist	Geographic sources: their concept, importance, types, evaluation criteria and examples	Theoretical and practical	exam
8	6	Information Specialist	Arabic evidence: its concept, importance, features, types and examples	Theoretical and practical	exam
9	6	Information Specialist	Manual books, their concept, sections, types and examples	Theoretical and practical	exam
1()	6	Information Specialist	Yearbooks and calendars, their concept and features, the difference between them and yearbooks, their evaluation points, types and examples	Theoretical and practical	exam
1	6	Information Specialist	practical application	Theoretical and practical	exam
1	6	Information Specialist	Practical books, their concept, terms and divisions, and examples	Theoretical and practical	exam
1:	6	Information Specialist	Series and periodicals: their concept, importance, types, organization and problems, types and examples	Theoretical and practical	exam
14.	6	Information Specialist	Flashlights, their concept and importance, their forms and types, steps for preparing them and criteria for evaluating them, examples.	Theoretical and practical	exam
1.	6	Information Specialist	practical application	Theoretical and practical	exam
1	6	Information Specialist	Abstracts, their concept and importance, types	Theoretical and	exam

			and examples, those responsible for the extraction work	practical	
11	6	Information Specialist	Bibliographies, their concept and importance, criteria for evaluating them, how to prepare an objective bibliography, and their examples.	Theoretical and practical	exam
1	6	Information Specialist	practical application	Theoretical and practical	exam
1	6	Information Specialist	Semester test	Theoretical and practical	exam
2()	6	Information Specialist	The use of computers in reference sections, the trend towards direct connection services, CDs and the Internet	Theoretical and practical	exam
2	6	Information Specialist	Electronic reference sources, their concept, disadvantages and negative impact	Theoretical and practical	exam
2:1	6	Information Specialist	Common characteristics and characteristics between electronic and printed reference sources. A comparison between the electronic and printed source	Theoretical and practical	exam
2.	6	Information Specialist	The concept of electronic publishing, its features and patterns, the difference between electronic publishing and traditional publishing	Theoretical and practical	exam
2.	6	Information Specialist	Types of electronic references available online	Theoretical and practical	exam
2	6	Information Specialist	Digital sources, their types, advantages and disadvantages	Theoretical and practical	exam
2	6	Information Specialist	Semester test	Theoretical and practical	exam
2	6	Information Specialist	Criteria for evaluating	Theoretical and practical	exam

2 6 Information Specia	digital sources, types of digital sources, encyclopedias, dictionaries and references	Theoretical and practical	exam
6 Information Specia	Bibliographic and textual databases	Theoretical and practical	exam
6 Information Specia	Search engines, their purpose, types, examples and models	Theoretical and practical	exam
ourse Evaluation	•	1	L
Conducting written tests (Midyear and fina	al) through some questions or	the subject of	of the stud
aterial to know the extent of their comprehe			
_	Ansion of the subject. (20/20	- 40) Exaiii	UU
Quiz (short exam)			
Practical.			
Attendance of students and assessment thro	ough interactive learning . 5%	,)	
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quired textbooks (curricular books, if any)			-1!
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.Course Name:

Principles of data science / Second class

.Course Code:

ITKL-22

.Semester / Year: Academic Year 2024-2025

Description Preparation Date:

22/9/2024

.Available Attendance Forms: On campus / Electronic Platform

On campus and Electronic Platform

Number of Credit Hours () / Number of Units ():

4/4

.Course administrator's name (mention all, if more than one name)

Name: Rami Rakan Arab

Email: ramieakan86@uomosul.edu.iq

Course Objectives

Course Objectives

The course aims to identify the concepts of data science, its types, data science tools, and data mining, in addition to the world of data and its functions.

.Teaching and Learning Strategies

Strategy

Learning and Teaching Strategies

Modern education strategies aim to achieve specific goals to provide opportunities for students to increase their learning abilities and diversity in the methods and implementation of curricula in teaching processes that take into account individual circumstances and the abilities and potential of

learners. Learning and teaching are carried out according to the latest selfeducation tools using the computer and through modern programs in the fields of education.

Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4	Bachelor's	Basic concepts of data science	Conceptual	Written exam
	•			material	and Oral exam
2	4	Bachelor's	Types of data and their sources	Conceptual	Written exam
	'	Bucherors	Types at annual mass areas	material	and Oral exam
3	4	Bachelor's	Data classification, data collection,	Conceptual	Written exam
	Т	Bucherors	data understanding	material	and Oral exam
4	4	Bachelor's	History of data science, importance of	Conceptual	Written exam
4	4	Dacheloi s	data science	material	and Oral exam
5	4	Bachelor's	Areas of use of data science +	Conceptual	Written exam
3	4	Bacheloi s	practical	material	and Oral exam
	1	D = -111-	Data science methodology, data	Conceptual	Written exam
6	4	Bachelor's	science tools	material	and Oral exam
7	4	D 1 1 1	TD1 1 6.1 4 3 4 4 4	Conceptual	Written exam
7	4	Bachelor's	The role of data scientists	material	and Oral exam
8	4	Bachelor's	Data working skills	Conceptual	Written exam
0	4	Dachelol s	Data working skins	material	and Oral exam
9	4	Bachelor's	Data analysis data collection	Practical	Written exam
9	4	Bacheloi s	Data analysis, data collection	Fractical	and Oral exam
10	1	Doobalana	Data collection data descripe	Conceptual	Written exam
10	4	Bachelor's	Data collection, data cleaning	material	and Oral exam
1 1	4	Doobalania	Data avalantian data tuanafammatian	Conceptual	Written exam
11	4	Bachelor's	Data exploration, data transformation	material	and Oral exam
12	4	Bachelor's	Data transformation, data modeling	Practical	Written exam
12	4	Dachelol s	Data transformation, data moderning	Practical	and Oral exam
13	4	Bachelor's	Data visualization, data investigation	Conceptual	Written exam
13	4	Dachelol 8	Data visualization, data investigation	material	and Oral exam
1.4	1	Pachalar's	Data starage data analyst skill-	Conceptual	Written exam
14	4	Bachelor's	Data storage, data analyst skills	material	and Oral exam
15	4	Bachelor's	Data verification	Conceptual	Written exam

				material	and Oral exam
16	4	Bachelor's	Big data	Conceptual	Written exam
10	4	Dachelol s	Dig data	material	and Oral exam
17	4	Bachelor's	Dia data managament taola	Conceptual	Written exam
1 /	4	Bachelol 8	Big data management tools	material	and Oral exam
18	4	Bachelor's	Big data applications	Conceptual	Written exam
10	4	Dachelol s	Big data applications	material	and Oral exam
19	4	Bachelor's	Data flow, data display	Conceptual	Written exam
19	4	Dachelol s	Data 110w, data dispiay	material	and Oral exam
20	4	Bachelor's	Data mining	Conceptual	Written exam
20	4	Dachelol s	Data mining	material	and Oral exam
21	4	Bachelor's	Data mining relationships	Conceptual	Written exam
21	4	Dachelol 8	Data mining relationships	material	and Oral exam
22	4	Bachelor's	The relationship between big data and	Conceptual	Written exam
22	4	Dachelol s	data mining	material	and Oral exam
23	4	Bachelor's	The relationship between knowledge	Conceptual	Written exam
23		Dachelol s	discovery in databases and data mining	material	and Oral exam
24	4	Bachelor's	Advantages of data mining and its	Conceptual	Written exam
24		Dachelol s	goals	material	and Oral exam
25	4	Bachelor's	Data mining applications and their	Practical	Written exam
23		Dachelol s	examples	Tactical	and Oral exam
26	4	Bachelor's	Databases (their concept, types, and	Conceptual	Written exam
20		Bacherors	life cycle)	material	and Oral exam
27	4	Bachelor's	Metadata: its concept, benefits and	Conceptual	Written exam
21		Bacherors	characteristics	material	and Oral exam
28	4	Bachelor's	Areas of using metadata and challenges facing the use and	Conceptual	Written exam
20	4	Dacheloi 8	application of metadata	material	and Oral exam
29	4	Bachelor's	Information security, its goals, forms	Conceptual	Written exam
29	4	Dachelor S	and techniques	material	and Oral exam
30	4	Bachelor's	Data security, privacy, and protection	Conceptual	Written exam
30	4	Dachelor 8	methods	material	and Oral exam

1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject

2-Quiz (short exam)

3-Practical

4- Attendance of students and assessment through interactive learning

Required textbooks (curricular books,

,					
if any)					
Main reference	ces (sources)	Talal Nazim Al-Zuhairi. Introduction to Data Science, Baghdad: Mataleza Zaki, 2023			
Recommende	ed books and references	Rabhi Mustafa Alyan. DATA SCIENCE, Science			
(scientific jou	rnals, reports)	of the future. Jordan: Safaa House, 2022			
	eferences, Websites				
.Course Name	······································				
Advanced inf	ormation services /Master	S			
.Course Code:					
ArIn25Fm20	1				
.Semester / Ye	ear: Academic Year				
2024-2025					
.Description P	reparation Date:				
5/5/2025					
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.Number of C	redit Hours () / Number of	Units ():			
2					
.Course admir	nistrator's name (mention a	ıll, if more than one name) Assistant professor			
Name: Sumay	ya yonis Saeed				
Email: sumayaalkafaf@yahoo.com					
		ent to information technology in the field of			
information services and the most important modern applications in the field of					
information. Focusing on advanced information services and the most important					
developments	s in this field.				
·•					
Course					
Objectives					
TD 1	T				
	Learning Strategies	tuntanias			
Strategy	Learning and Teaching S	orrategies			
	Modern education strategies aim to achieve specific goals to provid				
	opportunities for student	s to increase their learning abilities and diversity in			
	the methods and implem	entation of curricula in teaching processes that take			
	into account individual	circumstances and the abilities and potential of			
	learners. Learning and to	eaching are carried out according to the latest self-			
	education tools using th	ne computer and through modern programs in the			
	1				

	fie	elds of education	on.		
Carres	Structure				
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Masters	Advanced information services What is information, why do we need it and its importance	theory	Oral and Written
2	2	Masters	Types of advanced information services and definition of research and analysis services	theory	Oral and Written
3	2	Masters	What are the benefits of using advanced information services?	theory	Oral and Written
4	2	Masters	Roles of advanced information services and how to analyze information	theory	Oral and Written
5	2	Masters	System for searching, organizing and retrieving information services	theory	Oral and Written
6	2	Masters	Search engines and their role in information services.	theory	Oral and Written
7	2	Masters	Social networking sites and activating the role of information services therein	theory	Oral and Written

8	2	Masters	Smart phones and their	theory	Oral and Written
	2	TVIUSTOIS	importance in modern	theory	Orar and Written
			information services		
9	2	Masters	Employing web	theory	Oral and Written
			applications to provide		
			information services		
10	2	Masters	Information revolutions	theory	Oral and Written
			and the changes they		
			have brought about in the field of information		
			services		
11	2	Masters	Using metaverse	theory	Oral and Written
		1,143,015	technology and		
			augmented reality to		
			provide information		
			services		
12	2	Masters	Websites and portals and	theory	Oral and Written
			how they can be used for		
12	2	Management	information	41	O1 1 W
13	2	Masters	Electronic publishing	theory	Oral and Written
			and a course in		
			providing electronic		
			information services		
14	2	Masters	Smart libraries and the	theory	Oral and Written
			use of modern		
			technologies in		
			providing information		
			services		
15	2	Masters	Discussing everything	theory	Oral and Written
			new in the field of		
			information services,		
			especially in the		
			technical field		

- 1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject
- 2-Quiz (short exam)
- 3-Practical

4- Attendance of students and assessm	ent through interactive learning
Required textbooks (curricular	Information services in light of the emerging
books, if any)	electronic environment and artificial intelligence /
	2023 / written by Faten Bamfleh
	Information services in the digital environment / Dr.
	Amjad Al-Jawahiri
Main references (sources)	Lectures on Advanced information services
Recommended books and references	Book and Refernces by Hashmat QasimAA
(scientific journals, reports)	·
Electronic References, Websites	A large variety of articles for scientific journals
	taken from the Internet
	•

1. Course name and academic level
Building Groups / Stage Four
2. Course code
Arln25F1408
3. Semester/Year
2024-2025/ Annual
4. Date this description was prepared
22/9/ 2024
5. Available forms of attendance
In-person and online
6. Number of study hours (total) / Number of units (total)
4
7. Name of the course supervisor (if more than one name is mentioned)
and academic title.
Name: M.M. Majd Maysar Abdel-Baqi Email:
majd.moayser@uomosul.edu.iq
8. Course objectives

Introducing students to the different types of beneficiary communities and training them on how to plan to build a library collection that suits the community served by the library, in addition to preparing and planning to form an acquisition and supply policy, evaluating collections, planning to share resources with other parties, and inventorying and excluding collections. And learn how to acquire electronically, how to create electronic groups, and how to choose the appropriate

Course objectives

9. Teaching and learning strategies

ones.

brainstorming group education

Strategy

Evaluation method	Learning method	Name of unit or topic	Required learning outcomes	watches	week
Written and oral	theory	Choice and its concept	Bachelor'sS	4	1
Written and oral	theory	Supply	Bachelor's	4	2
Written and oral	theory	Thanks for the information sources	Bachelor's	4	3
Written and oral	theory	Selection criteria	Bachelor's	4	4
Written and oral	theory	Selection criteria	Bachelor's	4	5

Written and oral	theory	Selection plan and policy	Bachelor's	4	6
Written and oral	theory	Factors affecting the selection process	Bachelor's	4	7
Written and oral	theory	General principles of selection	Bachelor's	4	8
Written and oral	theory	Selection aids	Bachelor's	4	9
Written and oral	theory	National and International Bibliographies	Bachelor's	4	10
Written and oral	theory	semester exam	Bachelor's	4	11
Written and oral	theory	Reference guides, trade lists, and publisher directories	Bachelor's	4	12
Written and oral	theory	Selection of different types of libraries	Bachelor's	4	13
Written and oral	theory	The most important problems facing the selection process	Bachelor's	4	14
Written and oral	theory	Factors affecting the selection process	Bachelor's	4	15
Written and oral	theory	Group evaluation	Bachelor's	4	16
Written and oral	theory	Group evaluation objectives	Bachelor's	4	17
Written and oral	theory	Group evaluation methods	Bachelor's	4	18
Written and oral	theory	Selection of cultural materials other than books	Bachelor's	4	19
Written and oral	theory	Supply methods	Bachelor's	4	20
Written and	theory	purification or	Bachelor's	4	21

oral		exclusion or weeding			
Written and oral	theory	Formulating an electronic collections development policy	Bachelor's	4	22
Written and oral	theory	Evaluation of electronic resources	Bachelor's	4	23
Written and oral	theory	Electronic supply features	Bachelor's	4	24
Written and oral	theory	semester exam	Bachelor's	4	25
Written and oral	theory	Obstacles to electronic supply	Bachelor's	4	26
Written and oral	theory	The concept of electronic publishing and its objectives	Bachelor's	4	27
Written and oral	theory	Types of electronic publishing	Bachelor's	4	28
Written and oral	theory	Stages of electronic publishing	Bachelor's	4	29
Written and oral	theory	Advantages and characteristics of electronic publishing	Bachelor's	4	30

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

There are no textbooks.	Required textbooks (methodology if
	any)
1-Building Collections in	Main References (Sources)

Libraries and Information	
Centers / Ghania Khamas	
Saleh-2014	
2-Collection Building and	
Development Policy in	
University Libraries: The	
Central Library of the	
University of Mosul as a	
Model / Ghufran Abdul	
Karim Faraj Al-Taie-	
Master's thesis-2014	
3-Desktop and electronic	
publishing / Walid Abdel	
Fattah-2019	
Information and Library	Recommended supporting books and
Journals	references (scientific journals,
	reports)
Information and resources	Electronic references, websites
available on websites about	
group development	

1. Course name and academic level
Research Methodology / Third Stage
2. Course code
Arln25F1303
3. Semester/Year

2024-2025/ Annual						
	4. Date this description was prepared					
				2:	2/9/2025	
			5. Available f	orms of at	tendance	
			Ir	n-person a	nd online	
	6. Numl	per of study hours	s (total) / Nur	nber of un	its (total)	
					6	
7. Name o	f the course	supervisor (if mo	re than one r	name is me	entioned)	
				and acade	mic title.	
	Name: Shai	ima Hashem Yous	sef Email: shir	mah.hy@uom	nosul.edu.iq	
			3	3. Course o	bjectives	
Introducing	the student	t to •		Course o	bjectives	
how to p	repare resea					
famailiamiai	and theses					
	ing him with fferent resea					
	their types					
	us					
		9.	Teaching and	l learning s	trategies	
		brainstorming			Strategy	
		group education				
			1	0. Course	structure	
Evaluation	Learning	Name of unit	Required	watches	week	
method	method	or topic	learning			
Written and	Theory and	Basic concepts of	outcomes Bachelor'sS	6	1	
oral	practice	research and the	Buchelor 35		1	
		scientific method				
		and their				
		applications to libraries and				
		information				
Written and	theoryAnd	Research steps	Bachelor's	6	2	
oral	the process	and how to find a				
		topic to research				

Written and	theoryAnd	General	Bachelor's	6	3
oral	the process	components of a			
		research			
		proposal			
Written and	theoryAnd	Analysis of	Bachelor's	6	4
oral	the process	intellectual			
	-	production in			
		research			
		methods in			
		library and			
		information			
		science			
Written and	theoryAnd	Stages of	Bachelor's	6	5
oral	the process	scientific		ŭ	J
		research			
Written and	theoryAnd	Elements of a	Bachelor's	6	6
oral	the process	scientific	2400.0	o	U
0.4.	the process	research plan			
Written and	theoryAnd	Research plan	Bachelor's	6	7
oral	the process	preparation	Buchelor 5	٥	,
Oral	the process	stage			
Written and	theoryAnd	Research	Bachelor's	6	8
oral	the process	problem, its	Dachelol 3	6	0
Orai	the process	conditions and			
		characteristics			
Written and	theoryAnd		Bachelor's	6	
oral	the process	The importance of the study and	Dacheloi S	6	9
Orai	the process	the reasons for			
		choosing the			
Mritton and	+haamı/\nd	topic	Dachalaria	6	10
Written and	theoryAnd	Study	Bachelor's	6	10
oral	the process	assumptions,			
		concept,			
		characteristics			
NA / - 11		and types	Darahada da		
Written and	theoryAnd	semester exam	Bachelor's	6	11
oral	the process	C. I CI: I	D		
Written and	theoryAnd	Study of links and	Bachelor's	6	12
oral	the process	interrelationships			
Written and	theoryAnd	Correlational	Bachelor's	6	13
oral	the process	studies			
Written and		Practical	Bachelor's	6	14
oral		exercises on			
	theoryAnd	preparing a			
	the process	research plan			
Written and	theoryAnd	Periodic review	Bachelor's	6	15
oral	the process	of the material			
Written and	theoryAnd	Survey and	Bachelor's	6	16

		,			
oral	the process	statistical			
		research, study			
		of sampling			
		methods and			
		data collection			
		tools			
Written and	theoryAnd	Experimental	Bachelor's	6	17
oral	the process	research in			
		libraries and			
		information			
Written and	theoryAnd	The historical	Bachelor's	6	18
oral	the process	approach in			
		library science			
		research			
Written and	theoryAnd	Descriptive	Bachelor's	6	19
oral	the process	approach			
Written and	theoryAnd	Case study	Bachelor's	6	20
oral	the process	approach			_0
Written and	theoryAnd	Data collection	Bachelor's	6	21
oral	the process	tools		Ü	
Written and	theoryAnd	Questionnaires:	Bachelor's	6	22
oral	the process	Types,		J	
	·	Advantages and			
		Disadvantages			
Written and	theoryAnd	Interviews, their	Bachelor's	6	23
oral	the process	types,		Ü	
	·	advantages and			
		disadvantages			
Written and	theoryAnd	Note	Bachelor's	6	24
oral	the process			· ·	
Written and	theoryAnd	semester exam	Bachelor's	6	25
oral	the process			Ŭ	
Written and	theoryAnd	Samples and	Bachelor's	6	26
oral	the process	their types		· ·	
Written and	theoryAnd	Modern methods	Bachelor's	6	27
oral	the process	of collecting and		Ü	
	·	obtaining data			
Written and	theoryAnd	Studies of the	Bachelor's	6	28
oral	the process	beneficiaries of		o l	20
	·	libraries and			
		information			
		centers: their			
		justifications,			
		methods and			
		problems			
Written and	theoryAnd	Practical	Bachelor's	6	29
oral	the process	exercises on			25
	•	preparing and			
		1 -10			

		drafting			
		questionnaires			
Written and	theoryAnd	Discussion	Bachelor's	6	30
oral	the process	sessions for			
		training research			
		prepared by			
		students in the			
		field of research			
		preparation			

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

	12. Learning and teaching resources
There are no textbooks.	Required textbooks (methodology if
	any)
1-Research Methods in	Main References (Sources)
Information Science and	
Libraries / Ahmed Badr,	
1988	
2-Scientific Research	
Methods / Rabhi Abdel	
Qader Al-Jadali, 2011	
3Scientific Research Between	
Theory and Practice /	
Muhammad Jalal Al-Ghandour,	
2015	
Information and library	Recommended supporting books and
journals and scientific research	references (scientific journals,
books	reports)
i l	

Information and sources	Electronic references, websites
available on websites about	
scientific research methods	

		1. Cour	se name and academic level			
Objective processing of information/first stage						
	2. Course code					
			Arln25F1106			
			3. Semester/Year			
			Annual - 2024/2025			
	2	1. Date th	nis description was prepared			
			21/9/2024			
		5. A	vailable forms of attendance			
			9 attendance			
6. Number of st	udy h	nours (to	tal) / Number of units (total)			
			8			
7. Name of the course supervi	sor (i	f more th	nan one name is mentioned)			
			and academic title.			
		Nam	e: Asmaa Ghanem Ramadan			
		Email:as	smaa2020@uomosul.edu.iq			
			8. Course objectives			
Training students to classify different information sources according to the classification system and the basics of the Universal Decimal Classification. Training students to classify various information sources according to the US Library	•		Course objectives			

of Congress classification	
system.	

Training the student to classify different information sources according to the Dewey Decimal Classification system.

9. Teaching and learning strategies

Strategy

				Course str	ucture
Evaluation	Learning	Name of	Required	watches	week
method	method	unit or	learning		
		topic	outcomes		
Feedback	Practical + Theoretical	Definition of classification and its functions	Bachelor's	4	1
Feedback	Practical + Theoretical	History of classification and types of classification systems	Bachelor's	4	2
Evaluation Cognitive	Practical + Theoretical	Features and specifications of a good classification system and the importance of classification for libraries	Bachelor's	4	3
Daily test	Practical + Theoretical	Dewey Decimal Classification System: General Features and Characteristics of the System	Bachelor's	4	4
direct question	Practical + Theoretical	Components of the Dewey Decimal Classification System	Bachelor's	4	5
Self-assessment	Practical + Theoretical	Symbol definition, types of	Bachelor's	4	6

		ام مرم والموامس			
		symbols and			
		symbol			
		functions			
Feedback	Practical +	Scout:			
	Theoretical	definition,	Bachelor's	4	7
		functions and	Duchelor 5	-	,
		types			
Cognitive	Practical +	General rules			
assessment	Theoretical	for practical	Bachelor's	4	8
assessificit		classification			
Feedback	Practical +	Practical			
recaback	Theoretical	classification			
		steps practical			
		application in	Bachelor's	4	9
		the	Buellelol 3	-	
		department			
		library			
		First monthly			
		-	Bachelor's		10
	Des ette 1	exam			
Feedback	Practical +	Practical			
	Theoretical	application of			
		classification			
		using the	Bachelor's	4	11
		three extracts			
		and main			
		tables			
Cognitive	Practical +	Construct			
_	Theoretical	classification			
assessment		numbers			
		using the	Bachelor's	4	12
		notes in the		-	
		classification			
		plan.			
Comitive	Practical +	Practical			
Cognitive	Theoretical	examples of			
assessment	Theoretical	•	Bachelor's	4	13
		using the Add			
	Described a	Note			
Daily test	Practical +	Practical	Bachelor's	4	14
	Theoretical	application		•	
Cognitive	Practical +	Practical			
assessment	Theoretical	application of			
4336331116116		classification	Bachelor's	4	15
		numbers and	Dacheloi S	4	13
		auxiliary			
		tables			
Evaluation	Practical +	Second			
	Theoretical	monthly exam	Dachalass	Л	1.0
Al-Mahari		,	Bachelor's	4	16
Cognitive	Practical +	Composing			
_	Theoretical	numbers	Bachelor's	4	17
assessment		using Auxiliary	2 22223		<u> </u>
<u> </u>	l .	g			

		Table No. 6			
		Table No. 1:			
		Table of			
		Uniform			
		Divisions			
Creative	Practical +	Practical			
Evaluation	Theoretical	examples of	Bachelor's	4	18
Lvaluation		using auxiliary	Dachelol S	4	10
		table No. A			
Cognitive	Practical +	Assembling			
_	Theoretical	numbers	5 1 1 1		4.0
assessment		using auxiliary	Bachelor's	4	19
		table No. 2			
Calf and and	Practical +	Table of			
Self-assessment					
	Theoretical	geographical			
		regions,		_	
		historical	Bachelor's	4	20
		sources, and			
		biographies of			
		people			
Daily test	Practical +	Practical			
	Theoretical	examples of	D 1 1 1		0.4
		using Auxiliary	Bachelor's	4	21
		Table No. 2			
		Monthly exam			
		IVIOLITINY EXAM	Bachelor's		22
			Buellelol 5		
Cognitive	Practical +	Number			
	Theoretical	formation			
assessment		using auxiliary		_	
		table No. 3,	Bachelor's	4	23
		sections A, B,			
		Sections A, B,			
2	Drootical	Dunatical			
Creative	Practical +	Practical			
Evaluation	Theoretical	examples of	D 1 1 '	_	
		using the	Bachelor's	4	24
		auxiliary table			
		3			
Cognitive	Practical +	Combining			
	Theoretical	numbers			
assessment		using Auxiliary	Bachelor's	4	25
		Table 4 and	_ = ===================================	•	
		Table 5			
	Practical +	Practical			
	Theoretical				
Self-assessment	ineoretical	application on			
		number			
		composition		_	
		using table 5	Bachelor's	4	26
		and 6.			
		Practical			
		application in			
		the library.			
Feedback	Practical +	Combining			
reeuback	Theoretical	numbers	Bachelor's	4	27
	Theoretical	HUHIDEIS			

		using auxiliary tables 6 and 7			
Skill assessment	Practical +	Practical			
JKIII d33C33ITICITC	Theoretical	application of			
		number	Da ah alaw'a	1	20
		composition	Bachelor's	4	28
		using the			
		table			
Cognitive	Practical +	Basics of the			
assessment	Theoretical	Universal			
dosessinent		Decimal	Bachelor's	4	29
		Classification			
		System			
Feedback	Practical +	Composing			
	Theoretical	numbers			
		using auxiliary			
		tables in the	Bachelor's	4	30
		Universal			
		Decimal			
		System			

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

		J	J	
		R	equired te	xtbooks
		(m	ethodolog	y if any)
Dewey Decimal Classification	.1	Main Re	ferences (S	Sources)
System 22nd Edition				
A notebook prepared by the	.2			
subject teacher				
Universal Decimal Classification	.1	Recomm	nended sup	porting
System		boo	oks and ref	erences
Library of Congress Classification	.2	(scientific j	ournals,
System			re	ports)

Internet sources

مكتبة الملك فهد الوطنية – الفهرس https://kfnl.gov.sa/ar/Pages/default.aspx / https://www.aruc.org/ar

الفهرس العربي الموحد

Electronic references, websites

الفهرس العراقي الموحد- العتبة العباسية /https://iquc.org / المكتبة الافتراضية العلمية

: https://www.ivsl.org/?language=ar العراقية

1. Course name and academic level

AComputer / Second Stage

2. Course code

Arln25F1403

3. Semester/Year

2024-2025/ Annual

4. Date this description was prepared

22/9/2024

5. Available forms of attendance

In-person and online

6. Number of study hours (total) / Number of units (total)

4

7. Name of the course supervisor (if more than one name is mentioned) and academic title.

Name: M.M. Majd Maysar Abdel-Baqi Email:

majd.moayser@uomosul.edu.iq

8. Course objectives

1. Learn to use Microsoft tools	Course objectives
(Word, Excel, PowerPoint).	
2. Develop computer skills and	
productivity.	
Improve problem-solving	
and communication skills.	
4. Preparing students for the	
labor market	
Teaching and learning strategies	

9. -

brainstorming Strategy group education

Evaluatio n method	Learnin g method	Name of unit or topic	Required learning outcome s	watche s	wee k
Written and oral	theory+ Operatio n	conceptWord program	Bachelor's S	4	1
Written and oral	theory+ Operatio n	Explanation of the file tab in Word	Bachelor's	4	2
Written and oral	theory+ Operatio n	Explanation of the Home tab in Word	Bachelor's	4	3
Written and oral	theory+ Operatio n	Explanation of the Insert tab in Word	Bachelor's	4	4
Written and oral	theory+ Operatio n	Explanation of the Design tab in Word	Bachelor's	4	5
Written and oral	theory+ Operatio n	Explanation of the Layout tab in Word	Bachelor's	4	6
Written and oral	theory+ Operatio n	Format tab explanation	Bachelor's	4	7
Written and oral	theory+ Operatio n	Explanation of the References tab in Word	Bachelor's	4	8
Written and oral	theory+ Operatio n	Explanation of the Correspondence tab in Word	Bachelor's	4	9

Written and oral	theory+ Operatio n	Explanation of the Review tab in Word	Bachelor's	4	10
Written and oral	theory+ Operatio n	Explanation of the View tab in Word	Bachelor's	4	11
Written and oral	theory+ Operatio n	semester exam	Bachelor's	4	12
Written and oral	theory+ Operatio n	Excel program concept	Bachelor's	4	13
Written and oral	theory+ Operatio n	Explanation of the file tab in Excel	Bachelor's	4	14
Written and oral	theory+ Operatio n	Explanation of the Home tab in Excel	Bachelor's	4	15
Written and oral	theory+ Operatio n	Explanation of the Insert tab in Excel	Bachelor's	4	16
Written and oral	theory+ Operatio n	Explanation of the Page Layout tab in Excel	Bachelor's	4	17
Written and oral	theory+ Operatio n	Explanation of the Design tab in Excel	Bachelor's	4	18
Written and oral	theory+ Operatio n	Explanation of the Layout tab in Excel	Bachelor's	4	19
Written and oral	theory+ Operatio n	Explanation of the Format tab in Excel	Bachelor's	4	20
Written and oral	theory+ Operatio n	Explanation of the References tab in Excel	Bachelor's	4	21
Written and oral	theory+ Operatio n	Explanation of the Correspondence tab in Excel	Bachelor's	4	22
Written and oral	theory+ Operatio n	Explanation of the Review tab in Excel	Bachelor's	4	23
Written and oral	theory+ Operatio n	Explanation of the View tab in Excel	Bachelor's	4	24
Written and oral	theory+ Operatio n	semester exam	Bachelor's	4	25

Written and oral	theory+ Operatio n	Program conceptthePowerPoin t	Bachelor's	4	26
Written and oral	theory+ Operatio n	Home drawers	Bachelor's	4	27
Written and oral	theory+ Operatio n	Design + Movements	Bachelor's	4	28
Written and oral	theory+ Operatio n	Slideshow + Review + Show	Bachelor's	4	29
Written and oral	theory+ Operatio n	semester exam	Bachelor's	4	30

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

3	
There are no textbooks.	Required textbooks (methodology if
	any)
Ziad Mahmoud Abboud and	Main References (Sources)
others. Computer Basics and	
Office Applications	
	Recommended supporting books and
	references (scientific journals,
	reports)
	Electronic references, websites

1. Course n	ame and a	academic level				
Paramete	r measur	ements/stageSecon	nd			
2. Course c	ode					
ITKL-408						
3. Semeste	r/Year					
2024-2025	annual					
4. Date this	description	on was prepared				
12/9/2024	-					
5. Available	forms of	attendance				
My presend	ce					
6. Number	of study h	ours (total) / Number	of units (t	otal)		
5hour / 5 u	nits					
7. Name of academic ti		e supervisor (if more t	than one n	ame is mentior	ned) and	
		Abdel Qader Email:o	mof80@u	omosul.edu.ia		
11011101		ribael Quael Emaille		oooacaaq		
8. Course objectives						
	6. Review of information metrics related Course objectives					
to infor	mation an	d library studies and				
their la	WS					
7. Discus	s the mos	t important laws				
	eir applica	•				
		ing strategies	Stratogy			
brainstorm group educ	•		Strategy			
10. Course						
Evaluatio	Learnin	Name of unit or topi	<u> </u>	Required	watch	week
n method	g	Name of anit of topi	C	learning	es	WCCK
Tilletiloa	method			outcomes	CS	
Written	theory	The concept of informat	ion	Bachelor'sS	4	1
and oral		measurements			7	_
Written	theory	The importance of infor	mation	Bachelor's	4	2
and oral		measurements				
Written 	theory	Factors affecting inform	ation	Bachelor's	4	3
and oral	Alexani.	measurements	-f +	Do ale al a ul a		
Written and oral	theory	Historical development	or terms	Bachelor's	4	4
Written	theory	Areas of application of		Bachelor's	4	5
	<u>'</u>	1 12			•	

and oral		information measurements			
Written	thoom		Dach alar's	4	
and oral	theory	Information Society Measurements	Bachelor's	4	6
Written	theory	Information measurement laws	Bachelor's	4	7
and oral	theory	information measurement laws	Dachelor S	4	/
Written	theory	Stroop's law	Pachalar's	4	
	theory	Stroop's law	Bachelor's	4	8
and oral Written	theory	Booth's Law	Bachelor's	4	
and oral	theory	BOOTH'S Law	Dacheloi S	4	9
Written	theory	Brooks' Law	Bachelor's	4	10
and oral	theory	BIOOKS Law	Dachelol 3	4	10
Written	theory	Pareto's Law	Bachelor's	4	11
and oral	theory	Faleto 3 Law	Dachelol 3	4	111
Written	theory	Lotka's Law of Scientific	Bachelor's	4	12
and oral	tileory	Productivity	Dacricioi 3	4	12
Written	theory	Bradford's law of dispersion	Bachelor's	4	13
and oral	theory	bradiord 3 law of dispersion	Dacricioi 3	4	13
Written	theory	Zieve's Law of Linguistics	Bachelor's	4	14
and oral	theory	Zieve 3 Law of Linguisties	Buenelor 5	4	14
Written	theory	The relationship between laws	Bachelor's	4	15
and oral	theory	The relationship between laws	Bucherors	4	13
Written	theory	Reference citations	Bachelor's	4	16
and oral		1.5.5.5.5.5.5		7	10
Written	theory	Sites that mention cited sources	Bachelor's	4	17
and oral	,			'	1,
Written	theory	Martyrdom and non-martyrdom	Bachelor's	4	18
and oral					
Written	theory	Citation analysis	Bachelor's	4	19
and oral					
Written	theory	Reference citation rate	Bachelor's	4	20
and oral					
Written	theory	Impact factor	Bachelor's	4	21
and oral					
Written	theory	Measuring mutual influence	Bachelor's	4	22
and oral					
Written	theory	Reference citation exchange	Bachelor's	4	23
and oral					
Written	theory	Measuring the impact of	Bachelor's	4	24
and oral		intellectual production on the			
		time factor			
	theory	Citations in the electronic	Bachelor's	4	25
		environment			
Written	theory	Hyperlinks and interlinks	Bachelor's	4	26
and oral					
Written	theory	The difference between citation	Bachelor's	4	27
and oral		and links			
Written	theory	Hyperlink analysis	Bachelor's	4	28

and oral					
Written	theory	Web Impact Factor	Bachelor's	4	29
and oral					
Written	theory	Link analysis applications	Bachelor's	4	30
and oral					

The grade is distributed out of 100 based on the tasks assigned to the

student, such as daily preparation, daily, oral, mor	•
exams, reports, etc.	itilly and written
12. Learning and teaching resources	
There are no textbooks.	Required textbooks (methodology if any)
Hasnaa Mahmoud Mahgoub, Information	Main References
Measurements, Alexandria, Scientific Culture	(Sources)
House, 2009	
3. a baseFor the Unified Iraqi Index - Al-Abbas's Holy Shrine/https://iquc.org/ 4. Iraqi Digital Repository/https://iqdr.iq/ 5. Iraqi Digital Library/https://www.ivsl.org/ 6. OCLC /https://www.oclc.org/en/home.html?redirect =true 7. Word cat/https://www.oclc.org/en/worldcat.html 8. MARC /https://www.loc.gov/marc/ 9. Directory of Open Access Journals/https://doaj.org/ 10.Library of Congresshttps://www.loc.gov/ 11.International Federation of Library Associationshttps://repository.ifla.org/ 12.Computerized library catalogshttps://www.oclc.org/en/home.html	Recommended supporting books and references (scientific journals, reports) Electronic referencesAndInterne t sites

1	. Course name and academic level
Info	ormation Technology/ Third Stage
	2. Course code
	Arln25F1308
	3. Semester/Year
	Annual - 2024/2025
4. D	Pate this description was prepared
	21/9/2024
	5. Available forms of attendance
	9 attendance
6. Number of study hou	rs (total) / Number of units (total)
	4
7. Name of the course supervisor (if m	nore than one name is mentioned)
	and academic title.
	Name: Asmaa Ghanem Ramadan
Er	mail:asmaa2020@uomosul.edu.iq
	8. Course objectives
The material is being edited.supplyStudentsWith the knowledge and technical skills that qualify them to efficiently navigate the modern work environment in information institutions, such as libraries, documentation centers, and archives. The most important objectives are as follows: Understanding Technical Basics: Introducing students to the concepts of information technology, its components,	Course objectives

and the types of software and hardware used in libraries.

- Acquire practical technical skills: enable students to use computers and their applications, such as word processing programs, databases, and library management systems.
- To identify the development of the use of information technology as a source of information in libraries..
- Digital Transformation:
 Qualifying them to understand
 the digital transformation
 processes in libraries and the
 digital services provided to
 beneficiaries.
- Preparing them for the job market: Preparing students for the evolving, technologydependent job market and enabling them to interact with stakeholders through modern means.

9. Teaching and learning strategies

Strategy

10. Course structure					
Evaluation	Learnin	Name of unit	Required	watche	wee
method	g	or topic	learning	S	k
	method		outcomes		
Feedback	Theoretica	The concept of information	Bachelor'	2	1
	Theoretica	technology	S	2	1
Feedback		Advantages of			
	Theoretica	using information			
	1	technology,	Bachelor's	2	2
		libraries and	Dacheloi S	۷	۷
		information			
		centers			
Evaluation	Practical +	audio materials	Bachelor's	2	3

Cognitive	Theoretica I				
Daily test	Theoretica I	CDs and audio tapes as a source of information	Bachelor's	2	4
direct question	Practical + Theoretica	Visual information sources	Bachelor's	2	5
Self-assessment	Practical + Theoretica	TransparenciesAs a source of information	Bachelor's	2	6
Feedback	Theoretica I	Film thumbnailsAs a source of information	Bachelor's	2	7
Cognitive assessment	Theoretica I	Audiovisual resources	Bachelor's	2	8
Feedback	Practical + Theoretica	TV and videoAs a source of information	Bachelor's	2	9
		First monthly exam	Bachelor's	2	10
Feedback	Theoretica I	Smart interactive whiteboard in libraries	Bachelor's	2	11
Cognitive assessment	Practical + Theoretica	Computers in Libraries	Bachelor's	2	12
Cognitive assessment	Theoretica I	Reasons for using computers in libraries and information centers	Bachelor's	2	13
Daily test	Practical + Theoretica	Use of computers in the field of indexing	Bachelor's	2	14
Cognitive assessment	Theoretica I	computer useinareaSupply	Bachelor's	2	15
Evaluation Al-Mahari	Practical + Theoretica	Second monthly exam	Bachelor's	2	16
Cognitive assessment	Theoretica I	Use of computer in the field ofLoan	Bachelor's	2	17
Creative Evaluation	Practical + Theoretica	Use of computer in the field ofCurrent briefing	Bachelor's	2	18
Cognitive assessment	Practical + Theoretica	Information technology and its	Bachelor's	2	19

		role in libraries			
Self-assessment		The importance of		2	
20 20000	Theoretica	information and			
		the challenges of	Bachelor's		20
		information	Bachelor's		20
		technology in			
		libraries			
Daily test	Practical +	The impact of		2	
·	Theoretica	technology on	Bachelor's		21
	ı	libraries		_	
		Monthly exam	Bachelor's	2	22
			Dacheloi S		22
Cognitive		The most		2	
assessment	Theoretica	important	Doob alaw'a		22
assessifierit	1	technologies used	Bachelor's		23
		in libraries			
Creative		Concepts related		2	
Evaluation	Theoretica	to information	Bachelor's		24
Evaluation	I	technology in	Buellelol 3		21
		university libraries		_	
Cognitive		The importance of		2	
assessment	Theoretica	using information	Bachelor's		25
	ı	technology in			
	Practical	university libraries Examples of		2	
	Practical	information		2	
Self-assessment		technology	Bachelor's		26
		application in	Dacheloi S		20
		libraries			
Feedback	Practical +	The impact of		2	
recuback	Theoretica	technology on	Bachelor's	_	27
	1	university libraries	200110101		_,
Skill assessment	Practical +	Artificial		2	
5.555551115116	Theoretica	intelligence and its	Daghalaw'-		20
		role in improving	Bachelor's		28
		library efficiency			
Cognitive	Practical +	Benefits and		2	
assessmen	Theoretica	applicationsartifici			
t		al intelligenceIn	Bachelor's		29
l		libraries	Dacheloi S		23
Feedback	Practical +	Techniquesartificia		2	
	Theoretica	l intelligenceIn	Bachelor's		30
		libraries			

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

12. Learning and teaching resources

		Required textbooks
		(methodology if any)
Information Technology	.3	Main References (Sources)
information technology	.4	
Artificial Intelligence in	.3	Recommended supporting
Libraries		books and references
		(scientific journals,
		reports)
Iraqi Virtual Scientific	.1	Electronic references,
Library: https://www.ivsl.org/?languag		
<u>e=ar</u>		websites
Iraqi Digital	.2	
Repository/https://iqdr.iq/	2	
Iraqi Digital Library/https://www.ivsl.org/	.3	
Library/ <u>IILLDS.//WWW.IVSI.OIg/</u>		

4	^					
1	COLLECT	name and	1 2020	IDMIC	ΙΔΝΔΙ	ı
. .	Course	Hallic all	ıacac		IC VC	

digital repositories/stageFourth

2. Course code

ITKL-401

3. Semester/Year

2024-2025 annual

4. Date this description was prepared

12/9/2024

5. Available forms of attendance

My presence

5. Number of study hours (total) / Number of units (total)

4hour / 5 units

7. Name of the course supervisor (if more than one name is mentioned) and academic title.

Name: Omar Tawfiq Abdel Qader Email:omof80@uomosul.edu.iq

8. Course objectives

concept of digital | Course objectives 8. Defining the repositories, their tools, models, and the most important initiatives they have achieved.

9. Study of digital repository systems, related software and applications, and their application in the field of libraries and information.

9. Teaching and learning strategies

brainstorming group education Strategy

20. Course structure					
Learnin	Name of unit or topic	Required	watch	week	
g		learning	es		
method		outcomes			
theory	Free access to information:	Bachelor'sS	4	1	
	its concept, characteristics				
	and advantages		_		
theory	Global Open Access	Bachelor's	4	2	
	Initiatives				
theory	Open access tools for	Bachelor's	4	3	
	information				
theory	Paths and methods of open	Bachelor's	4	4	
	access to information		_		
theory	Challenges and limitations of	Bachelor's	4	5	
	free access to information		_		
theory	Digital repositories: concept,	Bachelor's	4	6	
	elements, and types		_		
theory	Types of digital repositories	Bachelor's	4	7	
	Learnin g method theory theory theory theory theory	Learnin g method theory Free access to information: its concept, characteristics and advantages theory Global Open Access Initiatives theory Open access tools for information theory Paths and methods of open access to information theory Challenges and limitations of free access to information theory Digital repositories: concept, elements, and types	Learnin g methodName of unit or topicRequired learning outcomestheoryFree access to information: its concept, characteristics and advantagesBachelor'sStheoryGlobal Open Access InitiativesBachelor'stheoryOpen access tools for informationBachelor'stheoryPaths and methods of open access to informationBachelor'stheoryChallenges and limitations of free access to informationBachelor'stheoryDigital repositories: concept, elements, and typesBachelor's	Learnin g methodName of unit or topicRequired learning outcomeswatch estheoryFree access to information: its concept, characteristics and advantagesBachelor'sS4theoryGlobal Open Access InitiativesBachelor's4theoryOpen access tools for informationBachelor's4theoryPaths and methods of open access to informationBachelor's4theoryChallenges and limitations of free access to informationBachelor's4theoryDigital repositories: concept, elements, and typesBachelor's4	

Written	theory	Objectives, characteristics,	Bachelor's	4	8
and oral		advantages and			
		disadvantages of digital			
		repositories			
Written	theory	Structuring digital	Bachelor's	4	9
and oral		repositories			
Written	theory	Open source digital	Bachelor's	4	10
and oral		warehouse management			
		systems			
Written	theory	Basic services for digital	Bachelor's	4	11
and oral		warehouse management			
		systems			
Written	theory	Metadata in digital	Bachelor's	4	12
and oral		repositories			
Written	theory	Digital Repository Evaluation	Bachelor's	4	13
and oral	,	Criteria		•	
Written	theory	Stages of building and	Bachelor's	4	14
and oral	,	implementing a digital			
		repository			
Written	theory	Application of some software	Bachelor's	4	15
and oral	theory	related to the digital	Buchelors	1	13
		repository			
 Written	theory	The concept of the green road and	Bachelor's	4	16
and oral	theory	the golden road	Dacheloi 3	4	10
Written	theory	Cambridge University Repository	Bachelor's	4	17
and oral		, , ,			
Written	theory	University of Portsmouth	Bachelor's	4	18
and oral		Repository			
Written	theory	Qatar University Repository	Bachelor's	4	19
and oral	thoons	King Abdulgaia University	Doch olor's	1	20
Written and oral	theory	King Abdulaziz University Warehouse	Bachelor's	4	20
Written	theory	Iraqi Scientific Repository	Bachelor's	4	21
and oral				-	21
Written	theory	DSpace system	Bachelor's	4	22
and oral					
Written	theory	Fedora Repository System	Bachelor's	4	23
and oral	1.1			<u> </u>	
Written	theory	iPrints Warehouse System	Bachelor's	4	24
and oral	theory	Software supporting the	Bachelor's	1	25
	LITEOLY	construction of a digital repository	Dacifeloi 3	4	25
Written	theory	Database Tools	Bachelor's	4	26
and oral					20

Written	theory	Programming language tools	Bachelor's	4	27
and oral					
Written	theory	Technical and software support	Bachelor's	4	28
and oral		tools			
Written	theory	Proposal to build an integrated	Bachelor's	4	29
and oral		digital repository			
Written	theory	Challenges and obstacles facing	Bachelor's	4	30
and oral		warehouse construction			

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

exams, reports, etc.				
12. Learning and teaching resources				
There are no textbooks.	Required textbooks (methodology if any)			
Ibrahim Karthio, Digital Repositories and Open	Main References			
Access to Information: A Project to Build and	(Sources)			
Implement a Digital Repository for Information				
and Library Studies, 2010				
	Recommended			
	supporting books and			
	references (scientific journals, reports)			
13.a baseFor the Unified Iraqi Index - Al-	Electronic			
Abbas's Holy Shrine/https://iquc.org/	referencesAndInterne			
14. Iraqi Digital Repository/https://iqdr.iq/	t sites			
15. Iraqi Digital Library/https://www.ivsl.org/	Conces			
16.OCLC				
/https://www.oclc.org/en/home.html?redirect				
=true				
17. Word				
cat/https://www.oclc.org/en/worldcat.html 18.MARC /https://www.loc.gov/marc/				
19. Directory of Open Access				
Journals/https://doaj.org/				
20.Library of Congresshttps://www.loc.gov/				
21.International Federation of Library				
Associationshttps://repository.ifla.org/				
22. Computerized library				
catalogshttps://www.oclc.org/en/home.html				

1. Course name and academic level				
AFor practical application / fourth stage	2			
2. Course code				
Arln25F1409				
3. Semester/Year				
2024-2025/ Annual				
4. Date this description was prepared				
22/9/ 2024				
5. Available forms of attendance				
In-person and online				
6. Number of study hours (total) / Number of units (total)				
4				
7. Name of the course supervisor (if more than one name is mentioned)				
and academic title.				
Name: M.M. Majd Maysar Abdel-Baqi Email:				
majd.moayser@uomosul.edu.iq				
Name: M.M. Shaza Ahmed Dhnoor	n Email:			
shatha.thanon@uomosul.edu.iq				
8. Course objectives				
Developing student skills in technical procedures and user service activities in the library. Course objectives course objectives				
9. Teaching and learning strategies				
brainstorming	Strategy			
group education				

10. Course structure					
Evaluation method	Learning method	Name of unit or topic	Required learning outcomes	watches	week
Written and oral	Process + Theory	Introduction to the course material	Bachelor'sS	4	1
Written and oral	Process + Theory	Detailed explanation of the administrative and organizational structureThe main sections of the library	Bachelor's	4	2
Written and oral	Process + Theory	Detailed explanation of the dedication section	Bachelor's	4	3
Written and oral	practical	Practical application on how to record sources in dedication records	Bachelor's	4	4
Written and oral	practical	Detailed explanation of the supply section	Bachelor's	4	5
Written and oral	practical	Practical application for recording sources in supply records	Bachelor's	4	6
Written and oral	practical	Practical application on how to stamp various sources with library stamps and record the registration number	Bachelor's	4	7
Written and oral	practical	A detailed explanation of the Indexing and Classification Unit and its various activities	Bachelor's	4	8
Written and oral	practical	Practical training on indexing Arabic books	Bachelor's	4	9
Written and oral	practical	Practical training on indexing foreign books	Bachelor's	4	10
Written and oral	practical	Practical training on indexing	Bachelor's	4	11

		foreign books			
Written and oral	practical	Practical training on indexing Arabic theses and dissertations	Bachelor's	4	12
Written and oral	practical	Practical training on indexing foreign theses and dissertations	Bachelor's	4	13
Written and oral	practical	Practical training on classifying Arabic books and theses	Bachelor's	4	14
Written and oral	theory+ Operation	monthly test	Bachelor's	4	15
Written and oral	practical + Theory	Practical training on how to extract subject headings and use subject heading lists	Bachelor's	4	16
Written and oral	Process + Theory	Practical training on how to create assignment numbers (CTR) for Arabic and foreign author names.	Bachelor's	4	17
Written and oral	practical	Practical training on sorting and arranging index cards	Bachelor's	4	18
Written and oral	practical	Practical training on how to enter index cards according to author names, titles, and subject headings.	Bachelor's	4	19
Written and oral	practical	Practical training in the Reference Unit on how to arrange books on shelves and procedures for borrowing reference books.	Bachelor's	4	20
Written and oral	practical	Practical training in the dissertations unit on how to arrange dissertations on shelves and loan procedures	Bachelor's	4	21

Written and oral	practical	Practical training in the periodicals unit on how to record the number of periodicals in the registers and arrange the periodicals shelves.	Bachelor's	4	22
Written and oral	practical	Practical training in the lending unit on book return procedures and organizing library IDs.	Bachelor's	4	23
Written and oral	practical	Practical training in the book hall on external loan procedures and organizing book shelves according to classification numbers.	Bachelor's	4	24
Written and oral	practical	Practical training on automated indexing of Arabic books according to the MARC format	Bachelor's	4	25
Written and oral	practical	Practical training on importing foreign records from global catalogs	Bachelor's	4	26
Written and oral	practical	Practical training in the computer lab hall	Bachelor's	4	27
Written and oral	practical	A detailed explanation of the Iraqi Virtual Scientific Library	Bachelor's	4	28
Written and oral	practical	Preparing a report on the tasks and activities of the library units	Bachelor's	4	29
Written and oral	theory+ Operation	monthly test	Bachelor's	4	30

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

12. Learning and teaching resou	rces
There are no textbooks.	Required textbooks (methodology if
	any)
A SERIES OF PRACTICAL ACTIVITIES ON	Main References (Sources)
LIBRARY TECHNICAL PROCEDURES,	
INCLUDING PRACTICAL TRAINING ON	
ACQUISITION, CATALOGING,	
CLASSIFICATION, DONATION, AND	
USER SERVICES.	
Information and Library	Recommended supporting books and
Journals	references (scientific journals,
	reports)
The information and sources	Electronic references, websites
available on the sites	
aboutPractical application	

Course name and academic level
ebsite management/stageThird
Course code
TKL-320
Semester/Year
024-2025 annual
Date this description was prepared
2/9/2024
Available forms of attendance
y presence

5. Number of study hours (total) / Number of units (total)

4hour / 5 units

7. Name of the course supervisor (if more than one name is mentioned) and academic title.

Name: Omar Tawfiq Abdel Qader Email: omof80@uomosul.edu.iq

8. Course objectives

- DefinitionWebsites, their management methods, challenges, obstacles, methods and advantages
- Course objectives
- 11.Student definitionforThe most important software for managing websites and using artificial intelligence in them

9. Teaching and learning strategies

brainstorming group education

Strategy

Evaluatio n method	Learnin g method	Name of unit or topic	Required learning outcomes	watch es	week
Written and oral	theory	The concept of websites and their types	Bachelor'sS	4	1
Written and oral	theory	Stages of creating websites	Bachelor's	4	2
Written and oral	theory	Website design languages and programs	Bachelor's	4	3
Written and oral	theory	Technical considerations for websites	Bachelor's	4	4
Written and oral	theory	Website metadata	Bachelor's	4	5
Written and oral	theory	Reasons for creating a library website	Bachelor's	4	6
Written and oral	theory	Website evaluation	Bachelor's	4	7
Written and oral	theory	Evaluation difficulties	Bachelor's	4	8
Written and oral	theory	Website evaluation methods	Bachelor's	4	9
Written and oral	theory	Electronic assessment programs	Bachelor's	4	10

Written	theory	Website evaluation criteria	Bachelor's	4	11
and oral					
Written	theory	Website management	Bachelor's	4	12
and oral					
Written	theory	Website Development Team	Bachelor's	4	13
and oral					
Written	theory	Strategic dimensions of websites	Bachelor's	4	14
and oral					
Written	theory	Website quality standards	Bachelor's	4	15
and oral					
Written	theory	The role of artificial intelligence in	Bachelor's	4	16
and oral		website design			
Written	theory	Search engine optimization for the	Bachelor's	4	17
and oral		website			
Written	theory	Browsing and indexing issues	Bachelor's	4	18
and oral					
Written	theory	Content input matching issues	Bachelor's	4	19
and oral					
Written	theory	Factors that influence website	Bachelor's	4	20
and oral		appearance in search engines			
Written	theory	Mobile Optimization	Bachelor's	4	21
and oral					
Written	theory	Improve your website's visibility in	Bachelor's	4	22
and oral		search engines			
Written	theory	The importance of artificial	Bachelor's	4	23
and oral		intelligence in improving the			
		website's visibility on the Internet			
Written	theory	Website quality	Bachelor's	4	24
and oral					
	theory	Website quality characteristics	Bachelor's	4	25
Written	theory	The importance of measuring the	Bachelor's	4	26
and oral		quality of websites			
Written	theory	Website quality standards	Bachelor's	4	27
and oral					
Written	theory	Suggested models for website	Bachelor's	4	28
and oral		quality			
Written	theory	Applying the schedule in the	Bachelor's	4	29
and oral		service aspect of the site			
Written	theory	Comprehensive test and review	Bachelor's	4	30
and oral			<u> </u>		
	tneory	Comprehensive test and review	Bachelor s	4	30

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

There are no textbooks.	Required textbooks
	(methodology if any)
Bassem Shaheen, Website Management: A	Main References
Real-Life Experience, Arab Administrative	(Sources)
Development Organization, 2013	
	Recommended
	supporting books and
	references (scientific
	journals, reports)
23.a baseFor the Unified Iraqi Index - Al-	Electronic
Abbas's Holy Shrine/https://iquc.org/	referencesAndInterne
24. Iraqi Digital Repository/https://iqdr.iq/	
25.Iraqi Digital Library/https://www.ivsl.org/	t sites
26.OCLC	
/https://www.oclc.org/en/home.html?redirect	
=true	
27. Word	
cat/https://www.oclc.org/en/worldcat.html	
28.MARC /https://www.loc.gov/marc/	
29. Directory of Open Access	
Journals/https://doaj.org/	
30.Library of Congresshttps://www.loc.gov/	
31.International Federation of Library	
Associationshttps://repository.ifla.org/	
32.Computerized library	
catalogshttps://www.oclc.org/en/home.html	

	1. Course name and academic level
	EthicsProfession / First stage
	2. Course code
	Arln25F1105 -15
	3. Semester/Year
	2024-2025 / Annual
4.	Date this description was prepared

	12/10/ 2024			
	5. Available forms of attendance			
In-person and online				
6. Number of study ho	6. Number of study hours (total) / Number of units (total)			
	4			
7. Name of the course supervisor (if r	nore than one name is mentioned)			
	and academic title.			
Name: Shaima Hashem Yo	ussef Email: shimah.hy@uomosul.edu.iq			
	8. Course objectives			
To understand the •	Course objectives			
concept of professional				
ethics, its most				
important principles and				
sources, to understand				
the importance of				
professional ethics, the				
means of establishing				
professional ethics, the				
impact of commitment				
to ethics on job				
performance, to identify				
professional associations				
in the field of libraries				
and information, the				
new principles of the				
information specialist's				
job, the elements of				
administrative				
organization of the				
library profession, and				
the professional				
development of library				
workers, in addition to				
the rules of conduct,				
work ethics, and the				
most important				

nal ethics fo	r			
in the field o	f			
ormation and	d			
libraries	5.			
	Ç	9. Teaching ar	nd learning	strategies
	brainstorming			Strategy
gr	oup education			
	•		10 Course	e structure
Learning	Name of	Peguired		week
_		•	wateries	WEEK
method	unit or topic	_		
+h a a m /	The concept		4	1
theory	·	Bachelor 55	4	1
	•			
theory	The	Bachelor's	Δ	2
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	importance of			2
	professional			
	ethics			
theory	Sources of	Bachelor's	4	3
	professional			
	ethics			
theory		Bachelor's	4	4
	•			
theory		Rachelor's	1	5
theory		Dachelol 3	4	5
theory	The	Bachelor's	4	6
	emergence			
,	emergence and			
,	and development			
,	and development of the office			
theory	and development	Bachelor's		7
	gr Learning method theory	brainstorming group education Learning Name of unit or topic theory The concept of professional ethics theory The importance of professional ethics theory Sources of professional ethics theory Values that support the ethical principles of an individual's professional conduct theory Arab Code of Professional Ethics	in the field of ormation and libraries. 9. Teaching are properly brainstorming group education Learning method unit or topic learning outcomes theory The concept of professional ethics theory The importance of professional ethics theory Sources of professional ethics theory Values that support the ethical principles of an individual's professional conduct theory Arab Code of Professional Ethics theory Arab Code of Professional Ethics	in the field of ormation and libraries. 9. Teaching and learning group education Learning Name of method unit or topic outcomes theory The concept of professional ethics theory Sources of professional ethics theory Values that support the ethical principles of an individual's professional conduct theory Arab Code of Professional Ethics theory Arab Code of Professional Ethics The ormation and learning outcomes Required learning outcomes Bachelor's 4 Bachelor's 4

Bachelor's

8

4

facing the

profession in the future Professional

theory

office

oral

Written and

oral associations		
in the field of		
libraries and		
information		
Written and theory Information Bachelor's	5 4	9
oral Specialist	•	
Written and theory Information Bachelor's	5 4	10
oral Specialist	´ 4	10
Skills and		
Tasks		
		11
1 '1	5 4	11
oral principles for		
the		
information		
specialist job		
Written and theory semester Bachelor's	5 4	12
oral exam		
Written and theory Some issues Bachelor's	5 4	13
oral and values of		
dealing with		
the		
information		
profession		
Written and Elements of Bachelor's	5 4	14
oral administrative	•	
theory organization		
of the office		
profession		
Written and theory Principles and Bachelor's	5 4	15
oral foundations	9 4	15
of office		
ethics and its		
most		
important		
axes		
Written and theory Information Bachelor's	5 4	16
oral and Internet		
Ethics		
Written and theory The Bachelor's	5 4	17
oral emergence		
and		
development		
of codes of		
professional		
ethics for the		
office		
profession		
Written and theory The most Bachelor's	5 4	18
	, /I	ı IXI

oral		prominent			
		ethical			
		charters and			
		constitutions			
		of the office			
		profession			
Written and	theory	Professional	Bachelor's	4	19
oral		Associations			
		and Office			
		Ethics			
Written and	theory	Elements of	Bachelor's	4	20
oral		the Code of			
		Ethics for the			
		Office			
		Profession			
Written and	theory	Professional	Bachelor's	4	21
oral		competence			
		and			
		advancement			
		of the			
		profession			
Written and	theory	Information	Bachelor's	4	22
oral		and			
		Intellectual			
		Property			
Written and	theory	Types of	Bachelor's	4	23
oral		office codes			
		of ethics			
Written and	theory	Professional	Bachelor's	4	24
oral		development			
		for library and			
		information			
		workers			
Written and	theory	The concept	Bachelor's	4	25
oral		of			
		professional			
		development			
Written and	theory	semester	Bachelor's	4	26
oral		exam			
Written and	theory	Distance	Bachelor's	4	27
oral		learning and			
		its role in			
		professional			
		development			
Written and	theory	New roles for	Bachelor's	4	28
oral		training and			
		human			
1		development			

Written and	theory	Office	Bachelor's	4	29
oral		professional			
		services			
Written and	theory	General	Bachelor's	4	30
oral		Principles of			
		Professional			
		Ethics for			
		Library and			
		Information			
		Professionals			

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

12. Learning and teaching resources Required textbooks (methodology if There are no textbooks. any) Al-Mu'tasim Billah -1 Main References (Sources) Hani Ali Abu Al-Kass Professional Ethics and Their Role in the Job Performance of Non-Governmental Organizations in the Gaza Strip / Al-Moatasem Bellah Hani Ali Abu Al-Kas -Master's Thesis 2015 2- Ammar Abdul Latif

Abdul Ali, Mu'ayyad

Yahya Khudair / Professional Ethics of Library and Information Workers: The Central Library at the University of Technology as a Model. Journal of Rafidain Literature / Ammar Abdul Latif Abdul Ali, Mu'ayyad Yahya Khudair. Special Issue for the year 2006 3- Fawzia Belalia, Belarabi Association / Information **Specialist and Library Ethics in University** Libraries: A Field Study in the Central University LibraryITALibrary of the Faculty of Economics, Commerce and Management Sciences, Abdelhamid Ben Badis University / Master's Thesis 2018 4- Zainab Bint Al-Tayeb / Library Ethics and the Reality of Adherence to

Them in Algerian	
University Libraries, Batna	
University Libraries 1 as a	
Model / Al-Ihya Journal -	
Volume 22, Issue 31,	
2022	
5- Adila Ahmed / Library	
Ethics and its Role in	
Improving the Job	
Performance of	
University Libraries	
Workers: A Field Study at	
the Natural and Life	
Sciences Library at the	
University of Ouargla /	
Master's Thesis 2020	
6- Baya Lakhal / Office	
Professional Ethics through	
Laws and Professional	
Associations in Algeria -	
Mentouri University of	
Constantine as a Model -	
Master's Thesis 2010	
Information and Library Journals	Recommended supporting books and
	references (scientific journals,
	reports)
Information and sources	Electronic references, websites

available on websites about professional ethics

.Course Name:

programming systems /Master's

.Course Code:

ITKM-9

.Semester / Year: Academic Year 2023-2024

Semester/Year 2024-2025

.Description Preparation Date:

18/9/2024 - 22/5/2025

.Available Attendance Forms: On campus / Electronic Platform

In-person and Online

.Number of Credit Hours () / Number of Units ():

2

.Course administrator's name (mention all, if more than one name)

Name: wasan sami saddallh

Email: wasansami@uomosusl.edu.iq

.Course Objectives

Course Objectives

Introducing the student to some programming systems and the importance of using them in the field of specialization.

• Enables the student to use the systems.

Teaching and Learning Strategies

Strategy

Learning and Teaching Strategies

Modern education strategies aim to achieve specific goals to provide opportunities for students to increase their learning abilities and diversity in the methods and implementation of curricula in teaching processes that take into account individual circumstances and the abilities and potential of learners. Learning and teaching are carried out according to the latest self-education tools using the computer and through modern programs in the fields of education.

Week	Structur Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Master's	Definition of search engines, how search engines work.	Theory	Editorial and reports
2	2	Master's	Formal characteristics of digital documents, technical characteristics	Theory	Editorial and reports
3	2	Master's	Main reasons for digitization, technical and operational requirements	Theory	Editorial and reports
4	2	Master's	Use of metadata.	Theory	Editorial and reports
5	2	Master's	Legal aspects of digitization: copyright, reliability.	Theory	Editorial and reports
6	2	Master's	Budget: Cost Coverage, Spending Areas 1- Team Development 2- Facilities Management	Theory	Editorial and reports
7	2	Master's	Operating expenses include: source selection and preparation for digitization, digital conversion.	Theory	Editorial and reports
8	2	Master's	Cloud computing, its origins, definition, components, basic characteristics, service models in cloud computing	Theory	Editorial and reports
9	2	Master's	Cloud computing deployment models, benefits of cloud computing, its advantages and disadvantages, cloud computing services in libraries and information centers	Theory	Editorial and reports
10	2	Master's	Exam	Theory	Editorial

					and reports
1.1	12	Mastada	WINICIC soutene and its	T1	
11	2	Master's	WINISIS system and its	Theory	Editorial
			applications		and reports
12	2	Master's	Koha System: Concept,	Theory	Editorial
			Features, and		and reports
			Implementation		
			Requirements		
13	2	Master's	Koha Subsystems:	Theory	Editorial
			Procurement, Indexing,		and reports
			and Reference		
14	2	Master's	Practical application and	Theory	Editorial
			entry of several forms of		and reports
			registrations into the		
			system		
15	2	Master's	Exam	Theory	Editorial
					and reports

.Course Evaluation

- 1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject
- 2-Quiz (short exam)
- 3-Practical
- 4- Attendance of students and assessment through interactive learning

•	
Required textbooks (curricular books,	There are no textbooks.
if any)	
Main references (sources)	Online lecture and research with systems
	application
Recommended books and references	Magazines and reports
(scientific journals, reports)	
Electronic References, Websites	
مكتبة النور/https://www.noor-book.com/	
https://books-library.ne / مكتبة الكتب. 21	
مكتبة الاسكندرية	
1. / https://www.bibalex.org/ar/	

1. Course name and academic level

Arabic /stageSecond 2. Course code Arin25F1201 3. Semester/Year 2024-2025 annual 4. Date this description was prepared 12/9/2024 5. Available forms of attendance My presence 6. Number of study hours (total) / Number of units (total) 2hour / 2 units 7. Name of the course supervisor (if more than one name is mentioned) and academic title. Name: M.M. Islam Siddiq Hamid Email: islam.s@uomosul.edu.iq 8. Course objectives the goal from teaching material the language Arabic Empowerment The student from use rules the language Arabic In use right And avoid falling in error verbal And spelling Please on development taste Literary I have The student until realizes Aspects aesthetics in Methods speech. 9. Teaching and learning strategies to explain The material Scientific For students In a way Detailed Storm mental group education 10. Course structure Evaluatio 10. Course structure Evaluatio 10. Course it ucture Evaluatio 10. Course it ucture Evaluatio 10. Earnin Name of unit or topic 10. Required watch week 12/9/2024 12. 1 13. Remediate watch 14. Required learning es outcomes 15. Virtuen and oral theory Introductory lecture 16. Required Bachelor's 2 1 15. Available forms and roll and roll and roll and roll bearing outcomes 16. The students of the students of the types of Bachelor's 2 2 2 2							
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10. Course structure Evaluatio Learnin Name of unit or topic Required learning outcomes Written and oral Written theory Explanation of the types of Bachelor's 2 2	Storm men	tal					
Evaluatio Learnin Name of unit or topic Required learning outcomes Written and oral Theory Explanation of the types of Bachelor's 2 2	group educ	cation					
Evaluatio Learnin Name of unit or topic Required learning outcomes Written and oral Theory Explanation of the types of Bachelor's 2 2	10 Course	ctructuro					
n method g method learning outcomes Written theory Introductory lecture Bachelor'sS 2 1 Written theory Explanation of the types of Bachelor's 2 2			Name of unit or tonic	Requir	ed	watch	week
method outcomes Written and oral theory Introductory lecture Bachelor'sS 2 1 Written theory Explanation of the types of Bachelor's 2 2			Name of anic of topic	•			WEEK
Written theory Introductory lecture Bachelor'sS 2 1 Written theory Explanation of the types of Bachelor's 2 2	THETHOU				_		
and oral Written theory Explanation of the types of Bachelor's 2 2	Written		Introductory lecture			2	1
, Explanation of the types of = = =	and oral	,	Throductory recture			_	_
		theory	Explanation of the types of	Bachelo	r's	2	2
				1		1	[

			1		
		objects in the Arabic			
		language			
Written and oral	theory	The object and its parts	Bachelor's	2	3
Written and oral	theory	Rules of the direct object	Bachelor's	2	4
Written and oral	theory	The object with it	Bachelor's	2	5
Written and oral	theory	The accusative case of the object with the preposition	Bachelor's	2	6
Written and oral	theory	exam	Bachelor's	2	7
Written and oral	theory	The object and its types	Bachelor's	2	8
Written and oral	theory	Types of circumstances	Bachelor's	2	9
Written and oral	theory	Adverbial accusative	Bachelor's	2	10
Written and oral	theory	Adverbial clause	Bachelor's	2	11
Written and oral	theory	Adverbial phrase	Bachelor's	2	12
Written and oral	theory	The inflected and uninflected adverbial	Bachelor's	2	13
Written and oral	theory	review	Bachelor's	2	14
Written and oral	theory	exam	Bachelor's	2	15
Written and oral	theory	The absolute object	Bachelor's	2	16
Written and oral	theory	Deletion of the absolute object factor	Bachelor's	2	17
Written and oral	theory	The purpose and its conditions	Bachelor's	2	18
Written and oral	theory	Conditions of the object for which	Bachelor's	2	19
Written and oral	theory	exam	Bachelor's	2	20
Written and oral	theory	Study of a literary prose text	Bachelor's	2	21

Written and oral	theory	Text analysis	Bachelor's	2	22
Written and oral	theory	Number and its parsing	Bachelor's	2	23
Written and oral	theory	Types of exception clauses	Bachelor's	2	24
	theory	The vocative and its grammatical cases	Bachelor's	2	25
Written and oral	theory	Say and don't say (common language mistakes).	Bachelor's	2	26
Written and oral	theory	Dependents / Adjectives / Affirmative	Bachelor's	2	27
Written and oral	theory	Compassion/substitution	Bachelor's	2	28
Written and oral	theory	exam	Bachelor's	2	29
Written and oral	theory	review	Bachelor's	2	30

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

- 40 degrees distributed as shown below:
- 10 on preparation and participation
- 10 on daily exams
- 20 on monthly exams
- 60 on the final exam

12. Learning and teaching resources

12. Learning and teaching resources	
There are no textbooks.	Required textbooks
	(methodology if any)
to explain son Aqil And with him book	Main References
Scholarship Galilee By achieving to explain son	(Sources)
Aqil-Composition:Abdullah son Aqil Al-Aqili-	
investigation: Mohammed eraser Religion slave	
The Praised	
_summary rules Arabic/Fouad blessing.	Recommended
_basics in the language Arabic rules And	supporting books and
application.	references (scientific
	journals, reports)

a baseFor the Unified Iraqi Index - Al- .1 Abbas's Holy Shrine/https://iquc.org/ Iraqi Digital Repository/https://iqdr.iq/ .2 Iraqi Digital Library/https://www.ivsl.org/ .3 OCLC .4

referencesAndInterne t sites

Electronic

/https://www.oclc.org/en/home.html?redirect =true

Word .5

cat/https://www.oclc.org/en/worldcat.html

MARC /https://www.loc.gov/marc/ .6

Directory of Open Access .7

Journals/https://doaj.org/

Library of Congresshttps://www.loc.gov/ .8

International Federation of Library .9

Associationshttps://repository.ifla.org/

Computerized library .10

catalogshttps://www.oclc.org/en/home.html

Course name and academic level

stage/ First

2. Course code Arln25F1101

ITKL-11

3. Semester/Year

2024-2025 annual

4. Date this description was prepared

12/9/2024

5. Available forms of attendance

My presence

Number of study hours (total) / Number of units (total)

2hour / 2 units

7. Name of the course supervisor (if more than one name is mentioned) and academic title.

Name: M.M. Islam Siddiq Hamid Email: islam.s@uomosul.edu.iq

8. Course objectives

the goal from teaching material the language Arabic

Course objectives

Empowerment The student from use rules the language Arabic

n use right	t And avoi	d falling in error verbal And spe	lling Please							
on develop	ment taste	e Literary I have The student un	til realizes							
Aspects aesthetics in Methods speech.										
	, Process									
9. Teaching	and learn	ning strategies								
		fic material to students in detail		Strategy						
group educ	cation									
brainstorm										
10. Course		I.,								
Evaluatio	Learnin	Name of unit or topic	Required	watch	week					
n method	g method		learning	es						
Written	theory	Introduction to the Arabic	outcomes Bachelor'sS	2	1					
and oral	licory	language and its sciences	Buchelor 35	2	1					
Written	theory	Parts of Arabic speech	Bachelor's	2	2					
and oral	+60001		Bachelor's	2	2					
Written and oral	theory	Verbs / Past Tense	Bachelor's	2	3					
Written	theory	present tense verb	Bachelor's	2	4					
and oral										
Written and oral	theory	imperative verb	Bachelor's	2	5					
Written	theory	exam	Bachelor's	2	6					
and oral	·	CAUTT								
Written	theory	punctuation marks	Bachelor's	2	7					
and oral Written	theory	Punctuation completion	Bachelor's	2	8					
and oral	,	Punctuation completion			O					
Written	theory	Sentence and its structure in	Bachelor's	2	9					
and oral		the Arabic language								
Written	theory	Types of subject and its rules	Bachelor's	2	10					
and oral	·	Types of subject and its rules								
Written	theory	exam	Bachelor's	2	11					
and oral Written	theory	Types of power and its types	Bachelor's	2	12					
and oral	,	Types of news and its types			14					
Written	theory	Intransitive verbs	Bachelor's	2	13					
and oral	thoony	N. 1. 111 1. 11	Bachelor's	2	1.4					
Written and oral	theory	Verb-like letters	Dacifelot 5	2	14					
Written	theory	exam	Bachelor's	2	15					
and oral										

Written and oral	theory	Rules for writing the hamza	Bachelor's	2	16
Written and oral	theory	The medial and extreme hamza	Bachelor's	2	17
Written and oral	theory	Interrogative style	Bachelor's	2	18
Written and oral	theory	Open taa and closed taa	Bachelor's	2	19
Written and oral	theory	exam	Bachelor's	2	20
Written and oral	theory	How to find words in the dictionary	Bachelor's	2	21
Written and oral	theory	The difference between the letters Dhad and Tha	Bachelor's	2	22
Written and oral	theory	Characteristics of good style	Bachelor's	2	23
Written and oral	theory	The art of letters	Bachelor's	2	24
	theory	exam	Bachelor's	2	25
Written and oral	theory	Masculine and feminine number	Bachelor's	2	26
Written and oral	theory	Solar and lunar lam	Bachelor's	2	27
Written and oral	theory	Classical poetry and free verse	Bachelor's	2	28
Written and oral	theory	review	Bachelor's	2	29
Written and oral	theory	review	Bachelor's	2	30

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

40 degrees distributed as shown below:

10 on preparation and participation

10 on daily exams 20 on monthly exams	
60 on the final exam	
12. Learning and teaching resources	
There are no textbooks.	Required textbooks (methodology if any)
to explain son Aqil And with him book Scholarship Galilee By achieving to explain son Aqil-Composition:Abdullah son Aqil Al-Aqili- investigation:Mohammed eraser Religion slave The Praised	Main References (Sources)
1- summary rules Arabic/Fouad blessing.2- Basics in the language Arabic rules And application.	Recommended supporting books and references (scientific journals, reports)
1. a baseFor the Unified Iraqi Index - Al-Abbas's Holy Shrine/https://iquc.org/ 2. Iraqi Digital Repository/https://iqdr.iq/ 3. Iraqi Digital Library/https://www.ivsl.org/ 4. OCLC /https://www.oclc.org/en/home.html?redirect =true 5. Word cat/https://www.oclc.org/en/worldcat.html 6. MARC /https://www.loc.gov/marc/ 7. Directory of Open Access Journals/https://doaj.org/ 8. Library of Congresshttps://www.loc.gov/ 9. International Federation of Library Associationshttps://repository.ifla.org/ 10.Computerized library catalogshttps://www.oclc.org/en/home.html	Electronic referencesAndInterne t sites

.Course Name: computer
Computer / first class
.Course Code:
ITKL-111
.Semester / Year: Academic Year 2024-2025

Description Preparation Date:

19/11/2024

.Available Attendance Forms: On campus / Electronic Platform

On campus and Electronic Platform

.Number of Credit Hours () / Number of Units ():

4/4

.Course administrator's name (mention all, if more than one name)

Name: Rami Rakan Arab

Email: ramirakan86@uomosul.edu.iq

.Course Objectives

Course

Objectives

1. Computer Hardware Fundamentals

- 2. Types of Computers and Components
- 3. Computer Security and Viruses
- 4. Basic Computer Skills
- 5. Introduction to the Internet

Teaching and Learning Strategies

Strategy

- 1. Brainstorming
- 2. Collaborative Learning
- 3. Reciprocal Teaching

Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4	Bachelor's	The Origin of Computers	Conceptual material	Written exam and Oral exam
2	4	Bachelor's	Types, Classifications, and Generations of Computers	Conceptual material	Written exam and Oral exam
3	4	Bachelor's	Computer Components	Conceptual	Written exam

				T	
				material	and Oral exam
4	4	Bachelor's	Main Parts of a Computer	Practical	Written exam and Oral exam
_	Central Processing Unit (CPU) at		Central Processing Unit (CPU) and Its	Conceptual	Written exam
5	4	Bachelor's	Components	material	and Oral exam
	4	D 1 1 1	1 10 10	Conceptual	Written exam
6	4	Bachelor's	Input and Output Devices	material	and Oral exam
7	4	Bachelor's	Memory and Its Types	Conceptual	Written exam
/		Dacheloi s	Wiemory and its Types	material	and Oral exam
8	4	Bachelor's	Programming Languages, Their	Conceptual	Written exam
		Bachelol s	Levels, and Major Operating Systems	material	and Oral exam
9	4	Bachelor's	How a Computer Works	Practical	Written exam
		Bachelol s	How a compact works	Tactical	and Oral exam
10	4	Bachelor's	Fields of Computer Use	Conceptual	Written exam
10		Bachelol s	Tields of Computer Osc	material	and Oral exam
11	4	Bachelor's	Computer Use in Information	Conceptual	Written exam
11		Bachelol s	Management and Libraries	material	and Oral exam
12	4	Bachelor's	Operating System	Conceptual	Written exam
12		Bachelol s	Operating System	material	and Oral exam
13	4	Bachelor's	Desktop Components	Conceptual	Written exam
13		Dacheloi s	Desktop components	material	and Oral exam
14	4	Bachelor's	Taskbar and Notification Area	Conceptual	Written exam
17		Dacheloi s	Taskoai and Notification Area	material	and Oral exam
15	4	Bachelor's	Working with a Computer	Conceptual	Written exam
13		Bachelol s	Working with a Compater	material	and Oral exam
16	16 4 Bachelor's Creating Fold		Creating Folders, Cut and Paste	Practical	Written exam
10	т	Bucherors	Operations	Tractical	and Oral exam
17	4	Bachelor's	Viewing Computer Specifications and	Conceptual	Written exam
1 /	т	Bucherors	Operating the System	material	and Oral exam
18	4	Bachelor's	Keyboard Shortcuts	Conceptual	Written exam
	7	Bucherors	110,00010 511010000	material	and Oral exam
19	4	Bachelor's	Installing and Uninstalling Software	Conceptual	Written exam
17	7	Bucherors		material	and Oral exam
20	4	Bachelor's	Information Security	Conceptual	Written exam
20	7	Bucherors	200000000000000000000000000000000000000	material	and Oral exam
21	4	Bachelor's	Conditions and Methods for	Conceptual	Written exam
2.1		Buenerers	Information Protection	material	and Oral exam
22	4	Bachelor's	Computer Security and Hacking	Conceptual	Written exam
	'		r	material	and Oral exam
23	4	Bachelor's	Privacy and Data Protection	Conceptual	Written exam
	•	T Dacició s	Tirracy and Data Hotection	material	and Oral exam
24	4	Bachelor's	Securing and Protecting Personal	Conceptual	Written exam
	•		Computers	material	and Oral exam

25	4	Bachelor's	Viruses, Their Types, and Protection	Conceptual	Written exam
23	Т	Buenetor 5	Methods	material	and Oral exam
26	4	Bachelor's	The Internet: Origin, Concept, and	Conceptual	Written exam
20	4	Dachelol 8	Features	material	and Oral exam
27	4	Bachelor's	Networks and Their Types	Conceptual	Written exam
21	21 4	Dachelol 8	Networks and Their Types	material	and Oral exam
28	4	Bachelor's	The World Wide Web (WWW)	Conceptual	Written exam
28	8 4 Bachelor's		The world wide web (www)	material	and Oral exam
29	4	Bachelor's	Web Browsers	Conceptual	Written exam
29	29 4 Bacheloi s		Web Blowsels	material	and Oral exam
30 4		4 Bachelor's	Search Engines	Conceptual	Written exam
30	+	Dachelol s	Scarch Engines	material	and Oral exam

.Course Evaluation

- 1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject 2-Quiz (short exam)
- 3-Practical
- 4- Attendance of students and assessment through interactive learning

•	
Required textbooks (curricular books,	
if any)	
Main references (sources)	Ziad Mahmoud Abboud and others. Computer
	Basics and Office Applications
Recommended books and references	
(scientific journals, reports)	
Electronic References, Websites	

.Course Name:
Bibliometrics/Master's
.Course Code:
ITKM-4
.Semester / Year: Academic Year 2023-2024
Semester/Year 2024-2025
.Description Preparation Date:
18/9/2024 - 22/5/2025
.Available Attendance Forms: On campus / Electronic Platform
In-person and Online

Number of Credit Hours () / Number of Units ():

2

.Course administrator's name (mention all, if more than one name)

Name: wasan sami saddallh b

Email: wasansami@uomosusl.edu.iq

.Course Objectives

Course Objectives

The objectives of the course are to introduce students to the concept of information metrics, their types, the importance of metrics, the factors affecting metrics, the main trends in library metrics, and to identify the most important bibliometric metrics, reference citations, and spatial metrics. Electronic

0. Teaching and Learning Strategies

Strategy

Learning and Teaching Strategies

Modern education strategies aim to achieve specific goals to provide opportunities for students to increase their learning abilities and diversity in the methods and implementation of curricula in teaching processes that take into account individual circumstances and the abilities and potential of learners. Learning and teaching are carried out according to the latest self-education tools using the computer and through modern programs in the fields of education.

Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Master's	The concept of information metrics and their importance to libraries	Theory	Editorial and reports
2	2	Master's	The most important factors affecting metrics and the most important metrics	Theory	Editorial and reports

		Master's	The laws of information	Theory	Editorial
			metrics		and reports
4	2	Master's	Lotka's Law of	Theory	Editorial
			Productivity		and reports
			Bradford's Law of		
			Dispersion		
			Reference Citations		
5	2	Master's	Bradford's Law of	Theory	Editorial
			Dispersion		and reports
6	2	Master's	Reference Citations	Theory	Editorial
					and reports
7	2	Master's	Applications of Paired	Theory	Editorial
			Bibliographic Citations		and reports
8	2	Master's	Exam	Theory	Editorial
					and reports
9	2	Master's	Citations in the Electronic	Theory	Editorial
			Environment		and reports
10	2	Master's	Web Impact Factor and	Theory	Editorial
			Calculations		and reports
11	2	Master's	The Difference Between	Theory	Editorial
			Hyperlinks and Interlinks		and reports
12	2	Master's	The Semantic Web	Theory	Editorial
					and reports
13	2	Master's	Cyberspace Metrics	Theory	Editorial
					and reports
14	2	Master's	Web Page Content	Theory	Editorial
			Analysis		and reports
15	2	Master's	Bibliographic Reference	Theory	Editorial
			Analysis		and reports

2. Course Evaluation

- 1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject
- 2-Quiz (short exam)
- 3-Practical
- 4- Attendance of students and assessment through interactive learning

3.					
Required textbooks (curricular books, There are no textbooks.					
if any)					
Main references (sources)	Online lectures and research with systems				
	application				
Recommended books and references	Magazines and reports				
(scientific journals, reports)					

Electronic References, Websites

مكتبة النور/https://www.noor-book.com/

22.مكتبة الكتب / https://books-library.ne

مكتبة الاسكندرية

2. / https://www.bibalex.org/ar/

What is available online about programming systems

4. Course Name:

Information economics and marketing_class two

5. Course Code:

ITKL 29

6. Semester / Year: Academic Year 2023-2024

2023-2024

7. Description Preparation Date:

2023\9\21

8. Available Attendance Forms: On campus / Electronic Platform

Attendance

9. Number of Credit Hours () / Number of Units ():

(3)

0. Course administrator's name (mention all, if more than one name)

Name: M.M. Raafat Rajab Fathi Email: rafat.r.f@uomsul.edu.iq

Course Objectives

Course Objectives

- Identify the economics of information and employ the available capabilities to serve decision makers....
- Determine the needs of the entities that benefit from the information and the entities that generate and produce information and determine their method and the amount of information produced....
- Promoting information culture, increasing awareness, and devoting values that support building a healthy information society.
- Employing available capabilities to serve decision makers

2. Teaching and Learning Strategies

Strategy

Learning and Teaching Strategies

Modern education strategies aim to achieve specific goals to provide

opportunities for students to increase their learning abilities and diversity in the methods and implementation of curricula in teaching processes that take into account individual circumstances and the abilities and potential of learners.

Learning and teaching are carried out according to the latest self-education tools using the computer and through modern programs in the fields Information industry Importance of information

Archiving and electronic documentation systems.

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Week	Hours	Required Learning	Unit or subject	Learning	Evaluation
		Outcomes	name	method	method
1	3	Bachelor's	What is information _ data _ information _ types of information	theory	Written and oral
2	3	Bachelor's	_The importance of information_ characteristics of information and dimensions of its quality	theory	Written and oral
3	3	Bachelor's	the information cycle _Knowledge_ The difference between data, information and knowledge	theory	Written and oral
4	3	Bachelor's	Characteristics of knowledge	theory	Written and oral

			_Sources of			
			knowledge_			
			classification of			
			knowledge_			
			wisdom			
5	3	Bachelor's	T 6 4.	Theory	Written	and
			Information		oral	
			economy _value			
			of information			
			_value added and			
			its			
			interpretations			
			_information			
			sector			
6	3	Bachelor's	Problems in	theory	Written	and
			defining and		oral	
			measuring the			
			information			
		5 1 1 1			***	
7	3	Bachelor's	sector - the information	Theory	Written oral	and
			revolution		Oran	
8	3	Bachelor's	the concept of the	theory	Written	and
			information industry		oral	
9	3	Bachelor's	the emergence of	theory	Written	and
			the information	-	oral	
10	3	Bachelor's	industry	theory	Written	and
		Duction 5	The information-	dicory	oral	
			based economy			
11	3	Bachelor's	the emergence of	theory	Written	and
			information economics		oral	
12	3	Bachelor's	the concept of the	theory	Written	and
			term information		oral	

	1	T			1
			economics		
13	3	Bachelor's	Information	theory	Written and oral
			_Objectives of		Orai
			Information		
			Economics		
14	3	Bachelor's	The First	theory	Written and
			Generation in Information		oral
			Economics		
15	3	Bachelor's	The importance	theory	Written and
			of studying the		oral
			information		
			economy		
			advancement of		
			information		
			economies in the		
			Arab world		
4	П 1	, •			

4. Course Evaluation

- 1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject
- 2-Quiz (short exam)
- 3-Practical
- 4- Attendance of students and assessment through interactive learning

5.	
Required textbooks (curricular books, if any)	Information Economy and
	Marketing Many articles that
	support modernity in the

	subject area and support the
	vocabulary of the weeks have
	been pulled from the Internet.
Main references (sources)	Lectures on electronic
	documentation and archiving,
	sources from the Internet
Recommended books and references (scientific journals,	Information economics and
reports)	marketing
Electronic References, Websites	http://:www.youtube.com
	-
	75%

1. Course name and academic level
Information Institutions Management / Second Stage
2. Course code
Arln25F1208
3. Semester/Year
2024/2025
4. Date this description was prepared
21/9/2024
5. Available forms of attendance
In-person and online
6. Number of study hours (total) / Number of units (total)
4
7. Name of the course supervisor (if more than one name is mentioned)
and academic title.
Name: M. Sarmed Siddiq Ghazi Email:sarmad.sg@uomosul.edu.iq
8. Course objectives

Introducing st			(Course obj	ectives	
	f manageme					
Introducing st						
	f manageme : Total Qualit					
Learn about	. Total Qualit Manageme	-				
			aching and le	arning stra	ategies	
		brainstorming		St	rategy	
	g	roup education				
	Reci	procal teaching				
	10. Course structure					
Evaluation	Learning	Name of unit or	Required	watches	week	
method	method	topic				
			outcomes			
Written and oral	theory	The concept of	Bachelor's	4	1	
Orai		management,				
		who is the				
		administrator,				
		and the				
		importance and				
		functions of				
		management				
Written and	theory	Fields and	Bachelor's	4	2	
oral		nature of				
		management				
		and its				
		relationship to				
		other sciences				
Written and	theory	Classical	Bachelor's	4	3	
oral		schools of				
		management				
Written and oral	theory	The concept of	Bachelor's	4	4	

Written and oral theory organizational oral oral theory organizational oral oral oral theory organizational oral oral oral oral theory organizational oral oral oral oral theory organizational oral oral oral oral oral oral theory organizational oral oral oral oral oral oral oral or				,		
Written and oral theory oral Stages, types and fields of planning in libraries Bachelor's 4 5 Written and oral theory organization, its benefits and principles Bachelor's 4 7 Written and oral theory organizational factors affecting it Bachelor's 4 8 Written and oral theory organizational factors affecting division methods for libraries Bachelor's 4 9 Written and oral theory organizational division methods for libraries Bachelor's 4 10 Written and oral theory organizational division methods for libraries Bachelor's 4 10 Written and oral theory organizational division methods for libraries Bachelor's 4 10 Written and oral theory organizational division methods for libraries Bachelor's 4 10 Written and oral theory organizational division methods for libraries Bachelor's 4 10 Written and oral theory organizational division methods for libraries Bachelor's 4 10 Written and oral theory organizational division methods for libraries Bachelor's 4 11 Written and			planning and its			
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Written and oral	_	theory	Stages, types	Bachelor's	4	5
Written and oral	oral		and fields of			
Written and oral theory organization, its benefits and principles Bachelor's 4 7 Written and oral theory organization, its benefits and principles Bachelor's 4 8 Written and oral theory organizational factors affecting it Bachelor's 4 9 Written and oral oral theory organizational division methods for libraries Bachelor's 4 9 Written and oral oral oral oral oral oral oral oral			planning in			
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Written and oral Theory of employment, its steps and procedures Written and oral Written and oral Theory of Guidance in terms of concept and principles Written and oral Written and oral Written and oral Theory of Censorship in terms of te	_	theory	The concept of	Bachelor's	4	7
Written and oral theory organizational structure and factors affecting it Written and oral theory organizational division methods for libraries Written and oral theory organizational division methods for libraries Written and oral theory organizational division methods for libraries Written and oral theory organizational division methods for libraries Written and oral theory organizational division methods for libraries Written and oral theory organizational division methods for libraries Bachelor's 4 10 Written and oral theory organizational division methods for libraries Bachelor's 4 11 Written and oral theory organizational division methods for libraries Bachelor's 4 12 Written and oral theory organizational division methods for libraries	oral		organization, its			
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Written and oral	_	theory	Organizational	Bachelor's	4	8
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oral division methods for libraries Written and oral theory The concept of employment, its steps and procedures Written and oral theory Guidance in terms of concept and principles Written and oral theory Censorship in terms of oral terms of concept in terms of oral terms of concept in terms of oral terms of oral terms of oral terms of terms of terms of oral terms of			it			
Written and oral		theory	Organizational	Bachelor's	4	9
Written and oral theory The concept of employment, its steps and procedures Written and oral theory Guidance in terms of concept and principles Written and oral theory Censorship in terms of oral terms of coral terms of oral terms of coral terms of concept and oral theory Censorship in terms of coral terms of coral terms of coral terms of terms of terms of terms of terms of coral terms of terms of coral terms of terms of the concept and terms of terms of terms of the concept and the concept	oral		division			
Written and oral theory of employment, its steps and procedures Written and oral theory of employment, its steps and procedures Written and oral theory of employment, its steps and procedures Written and oral theory of concept and principles Written and oral theory of censorship in terms of oral oral oral oral oral oral oral oral			methods for			
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oral terms of concept and principles Written and oral terms of te			procedures			
Written and oral theory Censorship in terms of concept and principles 4 12		theory	Guidance in	Bachelor's	4	11
Written and oral theory Censorship in terms of t	oral		terms of			
Written and oral theory Censorship in terms of Bachelor's 4 12			concept and			
oral terms of			principles			
terms of		theory	Censorship in	Bachelor's	4	12
concept and	oral		terms of			
			concept and			

		importance			
Written and	theory	Types of	Bachelor's	4	13
oral		censorship			
Written and	theory	Supervision,	Bachelor's	4	14
oral		concept,			
		reasons and			
		motives for			
		supervision			
Written and	theory	a test	Bachelor's	4	15
oral	thoom.		Dachalaria	4	16
Written and oral	theory	Coordination in	Bachelor's	4	16
Orar		terms of			
		concept,			
		importance and			
		methods			
Written and	theory	Advantages and	Bachelor's	4	17
oral		principles of			
		coordination			
Written and	theory	Decision	Bachelor's	4	18
oral		making, its			
		elements and			
		steps			
Written and	theory	Types of	Bachelor's	4	19
oral		decision-			
		making and its			
		difficulties			
Written and	theory	Total Quality	Bachelor's	4	20
oral		Management			
Written and	theory	The difference	Bachelor's	4	21
oral		between traditional			
		management			

Written and oral written and oral oral written and oral oral written and oral oral oral oral oral oral oral oral						
Written and oraltheory oralTotal Quality Management in University LibrariesBachelor's422Written and oraltheory oralTotal Quality Management in PrinciplesBachelor's423Written and oral oraltheory oral oral oral oral oral management oral oral oral oral oral oral oral oral			and total			
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Written and oral oral oral written and oral oral oral written and oral oral oral oral oral oral oral oral			management			
Written and oral theory Total Quality Management Principles Management Objectives Management Implementation Requirements total quality management Oral Written and oral theory Total Quality Management Implementation Requirements Total Quality Management Oral Mritten and Oral Written and Oral Mritten Area Mr	Written and	theory	Total Quality	Bachelor's	4	22
Written and oral theory objectives theory oral theory oral management of theory of the theory of the theory oral oral oral oral oral oral oral oral	oral		Management in			
Written and oraltheory oralTotal Quality Management PrinciplesBachelor's423Written and oraltheory oralTotal Quality Management ObjectivesBachelor's424Written and oraltheory oralTotal Quality Management Implementation RequirementsBachelor's425Written and oraltheory oralStages of implementing total quality managementBachelor's426Written and oraltheory oral oralAdvantages of Total Quality ManagementBachelor's427Written and oral oral oral oral oral oral oral oral			University			
Written and oral theory of theory oral theory oral theory oral objectives theory oral oral oral theory oral oral theory oral oral oral oral oral oral oral oral			Libraries			
Written and oral theory objectives Written and oral theory objectives Written and oral theory objectives Written and oral theory oral Quality Management Implementation Requirements Written and oral oral oral oral oral oral oral oral	Written and	theory	Total Quality	Bachelor's	4	23
Written and oral oral Management Objectives Written and oral theory Total Quality Management Objectives Written and oral Management Implementation Requirements Written and oral oral Management Implementation Requirements Written and oral oral Management Manage	oral		Management			
Oral Written and oraltheory Management Implementation RequirementsBachelor's Advantages of implementing total quality managementBachelor's Machelor's4 Advantages of implementing total quality ManagementWritten and oraltheory Total Quality ManagementBachelor's Machelor's4 Advantages of Total Quality ManagementWritten and oraltheory implementing total quality managementBachelor's Methods of implementing total quality management4 Machelor's Machelor'sWritten and oraltheory implementing Total Quality ManagementBachelor's M			Principles			
Written and oral theory oral Management Implementation Requirements Written and oral theory Stages of implementing total quality management Oral oral Management Written and oral theory Methods of oral oral oral oral theory oral oral theory oral oral written and oral oral oral oral oral theory at the ory obstacles to implementing total quality management Written and oral oral oral oral oral oral oral oral	Written and	theory	Total Quality	Bachelor's	4	24
Written and oral oral theory oral lumplementation Requirements Written and oral oral theory oral oral written and oral oral oral oral oral oral oral oral	oral		Management			
Management Implementation Requirements Written and oral oral theory oral white and oral with theory oral oral with theory oral oral oral oral oral oral oral oral			Objectives			
Implementation Requirements Requirements	Written and	theory	Total Quality	Bachelor's	4	25
Written and oral theory oral implementing total quality management Written and oral theory oral oral theory oral oral written and oral oral oral oral oral oral oral oral	oral		Management			
Written and oral theory oral theory oral theory oral theory oral written and oral theory oral theory oral theory oral theory oral oral theory oral oral theory oral theory oral oral theory oral total quality management total quality management total quality management total quality management theory obstacles to implementing oral oral oral oral Quality Management theory obstacles to implementing oral oral Quality Management theory oral oral Quality Management theory oral oral oral oral oral oral oral oral			Implementation			
oral implementing total quality management Written and oral theory Advantages of Total Quality Management Written and oral theory Methods of implementing total quality management Written and oral oral implementing Total Quality Management Written and theory Obstacles to implementing Total Quality Management Written and theory oral implementing Total Quality Management Written and theory a test Bachelor's 4 30			Requirements			
Written and oral was been depicted by the work of the ory of the oral oral was been depicted by the oral oral oral oral oral oral oral oral	Written and	theory	Stages of	Bachelor's	4	26
Written and oral theory oral theory oral Written and oral theory oral theory oral theory oral oral oral oral oral oral oral oral	oral		implementing			
Written and oral theory oral Management Management Mritten and oral theory oral theory oral oral oral oral oral oral oral oral			total quality			
oral oral Management Written and oral oral theory Methods of implementing total quality management Written and oral oral oral oral oral oral oral oral			management			
Written and oral oral Written and oral Total Quality Management Written and theory a test Bachelor's 4 30	Written and	theory	Advantages of	Bachelor's	4	27
Written and oral oral oral written and oral oral oral oral written and oral oral oral oral oral oral oral oral	oral		Total Quality			
oral implementing total quality management Written and oral oral implementing Total Quality Management Written and theory a test Bachelor's 4 30			Management			
total quality management Written and oral oral Management Written and theory Obstacles to implementing Total Quality Management Written and theory a test Bachelor's 4 30	Written and	theory	Methods of	Bachelor's	4	28
Written and oral theory Obstacles to implementing Total Quality Management Written and theory a test Bachelor's 4 29	oral		implementing			
Written and oral oral Management Written and theory Obstacles to implementing Total Quality Management Written and theory a test Bachelor's 4 29			total quality			
oral implementing Total Quality Management Written and theory a test Bachelor's 4 30			management			
Total Quality Management Written and theory a test Bachelor's 4 30	Written and	theory	Obstacles to	Bachelor's	4	29
Written andManagementBachelor's430	oral		implementing			
Written and theory a test Bachelor's 4 30			Total Quality			
			Management			
oral	Written and	theory	a test	Bachelor's	4	30
	oral					

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

12. Learning and teaching resources			
Library Management: Foundations	Required textbooks		
and Processes / Rabhi Mustafa Alian	(methodology if any)		
Master's Thesis / Total Quality	Main References (Sources)		
Management in the Central Library,			
University of Mosul			
_	Recommended supporting books		
	and references (scientific		
	journals, reports)		
4. https://koha-community.org/demo/	Electronic references, websites		
5. https://www.ivsl.org/?language=ar			
6. https://www.iasj.net			

1. Course name and academic level
Communication and Media / Third Stage
2. Course code
Arln25F1301
3. Semester/Year
2024/2025
4. Date this description was prepared
21/9/2024
5. Available forms of attendance
In-person and online
6. Number of study hours (total) / Number of units (total)
4
7. Name of the course supervisor (if more than one name is mentioned)

		and academic title.
Name: M. Sarmed Siddi	q Ghazi Er	mail:sarmad.sg@uomosul.edu.iq
		8. Course objectives
Introducing students to the concept of communication Introducing students to digital media Learn about the most important differences between traditional media and digital media.		Course objectives
	9.	Teaching and learning strategies
1		

brainstorming Strategy
group education
Reciprocal teaching

10. Course structure			ructure		
Evaluation	Learning	Name of unit or	Required	watches	Week
method	method	topic	learning		
			outcomes		
Written and	theory	The concept of	Bachelor's	4	1
oral		communication			
Written and	theory		Bachelor's	4	2
oral		Communication			
		elements			
Written and	theory	Sender	Bachelor's	4	3
oral					
Written and	theory	message	Bachelor's	4	4
oral					
Written and	theory	the future	Bachelor's	4	5
oral					
Written and	theory	means of	Bachelor's	4	6
oral		communication			
Written and	theory	Future and	Bachelor's	4	7
oral		Feedback			
Written and	theory	Characteristics	Bachelor's	4	8

		6.1			
oral		of the			
		communication			
		process			
Written and	theory	Types of	Bachelor's	4	9
oral		communication			
Written and	theory	The concept of	Bachelor's	4	10
oral		mass			
		communication			
Written and	theory	Characteristics	Bachelor's	4	11
oral	-	of mass			
		communication			
Written and	theory	Types of mass	Bachelor's	4	12
oral	,	communication		•	
Written and	theory	Communication	Bachelor's	4	13
oral	theory	theories	Bachelol 3	7	15
Written and	theory	Criticisms of	Bachelor's	4	14
oral	theory	communication	bacheloi 3	4	14
Orai		theories			
M/sitton and	+60051		Dachalaria	1	1 -
Written and	theory	a test	Bachelor's	4	15
oral	.1	NI . It it is	D. d. d. d.	4	1.0
Written and	theory	New digital	Bachelor's	4	16
oral		media		_	
Written and	theory	Differences	Bachelor's	4	17
oral		between			
		traditional			
		media and			
		digital media			
Written and	theory	Forms of digital	Bachelor's	4	18
oral		media			
Written and	theory	Digital media	Bachelor's	4	19
oral		jobs			
Written and	theory	Internet	Bachelor's	4	20
oral					
Written and	theory	Internet	Bachelor's	4	21
oral	•	requirements			
Written and	theory	Obstacles to	Bachelor's	4	22
oral	1	using the			
		Internet			
Written and	theory	Electronic	Bachelor's	4	23
oral	tricory	journalism	Ducificiol 3	7	25
Ui di		journansili			

Written and	theory	Electronic	Bachelor's	4	24
oral		publishing			
Written and	theory	The importance	Bachelor's	4	25
oral		of electronic			
		publishing			
Written and	theory	The difference	Bachelor's	4	26
oral		between			
		traditional			
		publishing and			
		electronic			
		publishing			
Written and	theory	The concept of	Bachelor's	4	27
oral		blogs			
Written and	theory	Types of blogs	Bachelor's	4	28
oral					
Written and	theory	Bloggers	Bachelor's	4	29
oral					
Written and	theory	a test	Bachelor's	4	30
oral					

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

	12. Learning and teaching resources
Khadra Omar / Communication	Required textbooks (methodology if
Skills and Theories	any)
	Main References (Sources)
Maher Awda / New Digital Media	Recommended supporting books
	and references (scientific journals,
	reports)
7. <u>https://iqdr.iq/</u>	Electronic references, websites

- 8. https://www.ivsl.org/
- 9. https://www.iasj.net

6. Course Name:

Rules of bibliographic description

- 7. Course Code:
- 8. Semester / Year: Academic Year 2024-2025

ITKL-19

9. Description Preparation Date:

1/10/2024

0. Available Attendance Forms: On campus / Electronic Platform

On campus and Electronic Platform

1. Number of Credit Hours () / Number of Units ():

7/3

2. Course administrator's name (mention all, if more than one name)

Name:Lect. DR. Noor Faris Ghanim Email: noor.f.g@uomosul.edu.iq

3. Course Objectives

Course Objectives

The course aims to enable the student to possess the cognitive and applied skills necessary to deal with the changing nature of information sources, especially book materials, and describe them in accordance with the latest cataloging rules in this field.

4. Teaching and Learning Strategies

Strategy

Learning and Teaching Strategies

Modern education strategies aim to achieve specific goals to provide opportunities for students to increase their learning abilities and diversity in the methods and implementation of curricula in teaching processes that take into account individual circumstances and the abilities and potential of learners. Learning and teaching are carried out according to the latest self-education tools using the computer and through modern programs in the fields of education.

.Course	.Course Structure						
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method		
1	4	Bachelor's	Cataloging and its types	Conceptual material	Written exam and Oral exam		
2	4	Bachelor's	Cataloges, their importance and functions	Conceptual material	Written exam and Oral exam		
3	4	Bachelor's	Types of cataloges - first section	Conceptual material	Written exam and Oral exam		
4	4	Bachelor's	Types of cataloges - Section Two.	Conceptual material	Written exam and Oral exam		
5	4	Bachelor's	Types of cataloges - Section One	Conceptual material	Written exam and Oral exam		
6	4	Bachelor's	Forms of cataloges - Part Two	Conceptual material	Written exam and Oral exam		
7	4	Bachelor's	Practical lecture in the library	Conceptual material	Written exam and Oral exam		
8	4	Bachelor's	Internet cataloges and machine- readable cataloges (MARC)	Conceptual material	Written exam and Oral exam		
9	4	Bachelor's	Characteristics of the ideal catalog	Conceptual material	Written exam and Oral exam		
10	4	Bachelor's	Forms of cataloges - Part Two	Conceptual material	Written exam and Oral exam		
11	4	Bachelor's	Anglo-American Cataloging Rules, First Edition	Conceptual material	Written exam and Oral exam		
12	4	Bachelor's	Anglo-American Cataloging Rules, Second Edition	Conceptual material	Written exam and Oral exam		
13	4	Bachelor's	Types of cards	Conceptual material	Written exam and Oral exam		
14	4	Bachelor's	Types of cards 2	Conceptual material	Written exam and Oral exam		
15	4	Bachelor's	Rules for designating the main entrance and additional entrances - Section One	Conceptual material	Written exam and Oral exam		
16	4	Bachelor's	Rules for designating the main entrance and additional entrances - Section Two	Conceptual material	Written exam and Oral exam		
17	4	Bachelor's	practical application	Conceptual material	Written exam and Oral exam		
18	4	Bachelor's	Key card fields with their practical application:	Conceptual material	Written exam and Oral exam		
19	4	Bachelor's	Title field and statement of responsibility - first section	Practical	Written exam and Oral exam		
20	4	Bachelor's	Key card fields with their practical	Conceptual	Written exam		

			application:	material	and Oral exam
21	4	Bachelor's	Title field and statement of responsibility – Section Two	Conceptual material	Written exam and Oral exam
			Edition field	Conceptual	Written exam
22	4	Bachelor's		material	and Oral exam
23	4	Bachelor's	Publishing field	Practical	Written exam and Oral exam
24	4	Bachelor's	practical application	Practical	Written exam and Oral exam
25	4	Bachelor's	Physical description field - first section	Conceptual material	Written exam and Oral exam
26	4	Bachelor's	Physical Description Field - Section Two	Conceptual material	Written exam and Oral exam
27	4	Bachelor's	Edition field	Conceptual material	Written exam and Oral exam
28	4	Bachelor's	Publishing field	Conceptual material	Written exam and Oral exam
29	4	Bachelor's	Notes field - first section	Conceptual material	Written exam and Oral exam
30	4	Bachelor's	ISBN	Practical	Written exam and Oral exam

- 1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject
- 2-Quiz (short exam)
- 3-Practical
- 4- Attendance of students and assessment through interactive learning

8.				
Required textbooks (curricular books,	Descriptive Cataloging Binding for the First			
if any)	Grade / Mahmoud Jarjis Muhammad Mosul:			
	University			
Main references (sources)	• Cataloging developments / Wasfi Aref			
	Shaloul			
Recommended books and references	Cataloging Encyclopedia / Aban Abdel Aziz			
(scientific journals, reports)	Khalifa Egypt: Egyptian Lebanese House, 198 -			
	Practical cataloging between theory and			
	application / Mahmoud Ahmed Etim			
Electronic References, Websites	Online Cataloge of central library of University of			
	Mosul			

http://centrallibrary.uomosul.edu.iq	
ARUC / https://www.aruc.org/ar	
IQUC / https://iquc.org	
/ https://iguc.org	

9. Course Name:

Resource Description and Access

0. Course Code:

ITKL-26

- 1. Semester / Year: Academic Year 2024-2025
- 2. Description Preparation Date:

21/9/2025

3. Available Attendance Forms: On campus / Electronic Platform

On campus and Electronic Platform

4. Number of Credit Hours () / Number of Units ():

7/3

5. Course administrator's name (mention all, if more than one name)

Name: Lect. DR.Noor Faris Ghanim Email: noor.f.g@uomosul.edu.iq

6. Course Objectives

Course Objectives

The course aims to identify the bibliographic description of materials other than books, learn the rules for describing sources and making them available, and how to create a MARC 21 record.

7. Teaching and Learning Strategies

Strategy

Learning and Teaching Strategies

Modern education strategies aim to achieve specific goals to provide opportunities for students to increase their learning abilities and diversity in the methods and implementation of curricula in teaching processes that take into account individual circumstances and the abilities and potential of learners. Learning and teaching are carried out according to the latest self-education tools using the computer and through modern programs in the

fields of education.

.Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4	Bachelor's	Cataloging government publications and identifying their entries	Conceptual material	Written exam and Oral exam
2	4	Bachelor's	Description fields of government publications + practical	Conceptual material	Written exam and Oral exam
3	4	Bachelor's	Description fields of government publications + practical	Conceptual material	Written exam and Oral exam
4	4	Bachelor's	Manuscript description fields + practical	Conceptual material	Written exam and Oral exam
5	4	Bachelor's	Cataloging serials and their entries	Conceptual material	Written exam and Oral exam
6	4	Bachelor's	Series description fields + practical	Conceptual material	Written exam and Oral exam
7	4	Bachelor's	Cataloging cartographic materials and identifying their entries	Conceptual material	Written exam and Oral exam
8	4	Bachelor's	Fields of description of cartographic materials + practical	Conceptual material	Written exam and Oral exam
9	4	Bachelor's	Cataloging graphic materials and identifying their entries	Conceptual material	Written exam and Oral exam
10	4	Bachelor's	Graphics material description fields	Conceptual material	Written exam and Oral exam
11	4	Bachelor's	+ practical	Conceptual material	Written exam and Oral exam
12	4	Bachelor's	Cataloging audio recordings and identifying their entries	Conceptual material	Written exam and Oral exam
13	4	Bachelor's	Audio recording description fields + practical	Conceptual material	Written exam and Oral exam
14	4	Bachelor's	Cataloging video recordings and identifying their entries	Conceptual material	Written exam and Oral exam
15	4	Bachelor's	Cataloging electronic resources and their description fields	Conceptual material	Written exam and Oral exam
16	4	Bachelor's	Developments in Chapter Nine on electronic sources	Conceptual material	Written exam and Oral exam

17	4	Bachelor's	Rules for describing sources, their availability, their origin and their nature	Conceptual material	Written exam and Oral exam
18	4	Bachelor's	RDA's relationship with other standards	Conceptual material	Written exam and Oral exam
19	4	Bachelor's	Principles of rules for describing, making, and constructing sources	Practical	Written exam and Oral exam
20	4	Bachelor's	Comparison between AACR2R and RDA	Conceptual material	Written exam and Oral exam
21	4	Bachelor's	Description fields in accordance with the rules for describing sources and making them available	Conceptual material	Written exam and Oral exam
22	4	Bachelor's	Machine-readable Cataloging Mark 21: its beginnings, origins, and concept	Conceptual material	Written exam and Oral exam
23	4	Bachelor's	The importance of Mark 21 and its field components	Practical	Written exam and Oral exam
24	4	Bachelor's	Components of MARC 21 record fields	Practical	Written exam and Oral exam
25	4	Bachelor's	How to create a MARC 21 record for books	Conceptual material	Written exam and Oral exam
26	4	Bachelor's	A practical application for creating a MARC 21 record for books	Conceptual material	Written exam and Oral exam
27	4	Bachelor's	How to create a MARC 21 record for materials other than books	Conceptual material	Written exam and Oral exam
28	4	Bachelor's	Practical application of MARC 21 recording for materials other than books	Conceptual material	Written exam and Oral exam
29	4	Bachelor's	A practical application for creating a MARC 21 record according to the Koha system	Conceptual material	Written exam and Oral exam
30	4	Bachelor's	Apractical exam	Practical	Written exam and Oral exam

- 1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject
- 2-Quiz (short exam)
- 3-Practical
- 4- Attendance of students and assessment through interactive learning

1.						
Required textbooks (curricular books,	•	Descriptive	Cataloging	for	the	second
if any)	grade	e/ Mahmoud C	Girgis			
Main references (sources)	•	Cataloging	development	cs /	Wasf	i Aref
	Shalo	oul				

Recommended books and references (scientific journals, reports)	• Cataloging and metadata in office education programs/ Nour Faris Al-Omari - Advanced and
	computerized Cataloging/ Ribhi Alyan Wasfi Arif
Electronic References, Websites	Online Cataloges
	Central library Cataloge
	http://centrallibrary.uomosul.edu.iq
	ARUC
	/ https://www.aruc.org/ar IQUC
	/ https://iquc.org

2. Course Na	. Course Name:						
Electronic docui	mentation and archiving_ class four						
3. Course Co	3. Course Code:						
ITKL_48							
4. Semester	Year: Academic Year 2023-2024						
2023-2024							
5. Description	n Preparation Date:						
2024\9\21	-						
6. Available	Attendance Forms: On campus / Electronic Platform						
Attendance	-						
7. Number o	f Credit Hours () / Number of Units ():						
(3)							
8. Course ad	ministrator's name (mention all, if more than one name)						
Name : M.M. R	aafat Rajab Fathi						
Email: rafat.r.f	@uomsul.edu.iq						
9. Course Ob	pjectives						
Course	• Learn about electronic documentation and archiving						
Objectives	• Identify the concept, origins and definition of the electronic archiving system						
S SJOOL Y OS	• Identify examples of electronic archiving systems available in the Arab world -						
the electronic archiving system (EDOX)							
• Identify the functions, capabilities, types and programs of electronic archiving							
systems							
0. Teaching							
	earning and Teaching Strategies						

Brainstorming

Group Learning

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Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Bachelor's	Definition, concept and origin of the electronic archiving system	theory	Written and oral
2	3	Bachelor's	concept and origin of the electronic archiving system	theory	Written and oral
3	3	Bachelor's	origin of the electronic archiving system	theory	Written and oral
4	3	Bachelor's	Functions of electronic archiving systems	theory	Written and oral
5	3	Bachelor's	capabilities electronic archiving systems	theory	Written and oral
6	3	Bachelor's	types of electronic archiving systems	theory	Written and oral
7	3	Bachelor's	Obstacles to implementing electronic archiving systems	Theory	Written and oral
8	3	Bachelor's	financial - technological	theory	Written and oral
9	3	Bachelor's	legislative - security	theory	Written and oral
10	3	Bachelor's	Criteria for evaluating electronic archive systems	theory	Written and oral
11	3	Bachelor's	General standards	theory	Written and oral
12	3	Bachelor's	Document management standards	theory	Written and oral
13	3	Bachelor's	Search and retrieval capabilities standards - Indexing standards	theory	Written and oral
14	3	Bachelor's	Examples of electronic archiving systems available in the Arab world)	theory	Written and oral
15	3	Bachelor's	Electronic Archiving System (EDOX	theory	Written and oral
16	3	Bachelor's	Electronic archiving system (Docuware)	theory	Written and oral
17	3	Bachelor's	Electronic Archiving System (IDEMS)	theory	Written and oral
18	3	Bachelor's	Electronic archiving system SAVE Library System	theory	Written and oral
19	3	Bachelor's	Electronic archiving system (Smart Info) for managing electronic documents	Theory	Written and oral
20	3	Bachelor's	Smart Doc electronic	theory	Written and oral

			archiving system		
21	3	Bachelor's	Direct electronic archiving system	theory	Written and oral
22	3	Bachelor's	Electronic archiving system (VisiDocs) and Dokmee document management program	theory	Written and oral
23	3	Bachelor's	Electronic archiving requirements_electronic archiving systems_ electronic archiving systems functions	theory	Written and oral
24	3	Bachelor's	Types of electronic archiving systems	theory	Written and oral
25	3	Bachelor's	the role of electronic archiving in protecting	theory	Written and oral
26	3	Bachelor's	Documents	theory	Written and oral
27	3	Bachelor's	requirements for switching to an electronic archiving system	theory	Written and oral
28	3	Bachelor's	Important characteristics that must be available in an archiving system	theory	Written and oral
29	3	Bachelor's	Advantages of electronic archiving - the most prominent difficulties in converting to electronic archiving	theory	Written and oral
30	3	Bachelor's	Types of archived records_record life cycle	theory	Written and oral

1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject 2-Quiz (short exam)

3-Practical

4- Attendance of students and assessment through interactive learning

3.	
Required textbooks (curricular books, if any)	Electronic documentation and archiving
	in the form of sources and articles
	pulled from the Internet
Main references (sources)	Lectures on electronic documentation
	and archiving, sources from the Internet

Recommended books and references (scientific journals, reports)	Electronic documentation and archiving
Electronic References, Websites	http://:www.youtube.com

4. Course Name:

Introduction to the Study of Public Relations and Media / class _Second

5. Course Code:

ITKL-1207

6. Semester / Year: Academic Year

2024-2025

7. Description Preparation Date:

2024\9\21

8. Available Attendance Forms: On campus / Electronic Platform

Attendance

9. Number of Credit Hours () / Number of Units ():

(3)

0. Course administrator's name (mention all, if more than one name)

Name: M.M. Raafat Rajab Fathi Email: rafat.r.f@uomsul.edu.iq

1. Course Objectives

Course Objectives

- Analyzing and formulating public relations policies
- Understanding public relations and media...
- Understanding the concept, origins, and definition of public relations and media
- Understanding the importance and principles of public relations and media
- Understanding the functions and objectives of public relations and media

2. Teaching and Learning Strategies

Strategy

Learning and Teaching Strategy

Brainstorming - Group Learning

Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Bachelor's	The concept of public relations_ The importance of public relations	theory	Written and oral

2	3	Bachelor's	Public Relations Goals_ Public Relations Jobs	theory	Written and oral
3	3	Bachelor's	Models of public relations practice	theory	Written and oral
4	3	Bachelor's	Principles of Public Relations_ Public Relations and Crisis Management	theory	Written and oral
5	3	Bachelor's	Success During Crises - Public Relations and Mental Image	Theory	Written and oral
6	3	Bachelor's	Ceremonial and Etiquette Culture_ General Principles of Ceremonial and Etiquette	theory	Written and oral
7	3	Bachelor's	Basics of greeting and handshaking	Theory	Written and oral
8	3	Bachelor's	Visiting card rules	theory	Written and oral
9	3	Bachelor's	Public relations and the art of dealing	theory	Written and oral
10	3	Bachelor's	Meeting and interview etiquette	theory	Written and oral
11	3	Bachelor's	Flag raising ceremony	theory	Written and oral
12	3	Bachelor's	General principles of flag-raising ceremony National	theory	Written and oral
13	3	Bachelor's	Raising the national flag with foreign flags	theory	Written and oral
14	3	Bachelor's	General rules when there is more than one flag	theory	Written and oral
15	3	Bachelor's	Mass Communication and Community Issues	theory	Written and oral
16	3	Bachelor's	Types of effects that occur to mental image	theory	Written and oral
17	3	Bachelor's	Intermediary factors in the communication process	theory	Written and oral
18	3	Bachelor's	Media Impact Considerations	theory	Written and oral
_					

19	3	Bachelor's	The foundations of	theory	Written and oral
			successful		
			communication		
20	3	Bachelor's	The spread of new	theory	Written and oral
			ideas		
21	3	Bachelor's	Two-step	theory	Written and oral
			communication		
22	3	Bachelor's	Communication	theory	Written and oral
			methods in public		
			relations		
23	3	Bachelor's	Personal contact images	theory	Written and oral
			in public relations		
24	3	Bachelor's	Mass communication	theory	Written and oral
			mechanisms in public		
			relations departments		
25	3	Bachelor's	Leading institutions in	theory	Written and oral
			preparing annual		
			reports		
26	3	Bachelor's	Advertisement	theory	Written and oral
27	3	Bachelor's	Functional characteristics	theory	Written and oral
20	2	D11	of advertising	41	XX
28	3	Bachelor's	Advertising Jobs	theory	Written and oral
29	3	Bachelor's	Advertising objectives	theory	Written and oral
30	3	Bachelor's	Global Advertising Communication Process	theory	Written and oral
4 C	ourse Ev	luotion	Communication Process		

4. Course Evaluation

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

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	Learning	аши	TEAC	עוווו	TESOILCES
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Required textbooks (methodology if any)	There are no textbooks
Main references (sources)	Lectures on public relations and media in the
	form of online sources and articles.
	1- Introduction to the Study of Public Relations
	and Media / Muhammad Marzi Al-Shammari –
	2016
Recommended books and references (scientific journals,	Introduction to the Study of Public Relations and
reports)	Media
Electronic references, websites	The information and resources available on the
	websites about intellectual property rights

Course Name:

Practical application_ class fourth

6. Course Code:

ITKL 403

7. Semester / Year: Academic Year 2023-2024

2024-2025

8. Description Preparation Date:

2024\9\21

9. Available Attendance Forms: On campus / Electronic Platform

Attendance

0. Number of Credit Hours () / Number of Units ():

(4)

1. Course administrator's name (mention all, if more than one name)

Name: M.M. Raafat Rajab Fathi Email: rafat.r.f@uomsul.edu.iq

Neme: Rawa Salah El-Din

Email: rawa.salah@uomosul.edu.iq

2. Course Objectives

Course Objectives Training students on technical procedures and user services inside the library

3. Teaching and Learning Strategies

Strategy

Learning and Teaching Strategies

Modern education strategies aim to achieve specific goals to provide opportunities for students to increase their learning abilities and diversity in the methods and implementation of curricula in teaching processes that take into account individual circumstances and the abilities and potential of learners. Learning and teaching are carried out according to the latest self-education tools using the computer and through modern programs in the fields Electronic and traditional information services

.Course Structure

. Course sur	1	1		1	
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4	Bachelor's	Introductory introduction about beneficiary services and types	Theory and practical	Written and oral
2	4	Bachelor's	Loan service and types and methods of presentation	Theory and practical	Written and oral
3	4	Bachelor's	Traditional and electronic reference service	Theory and practical	Written and oral
4	4	Bachelor's	Practical application	Theory	Written and oral

			in the periodical unit	and	
5	1	Doobolowla		practical	Weitten and and
5	4	Bachelor's	Practical application	Theory and	Written and oral
			in unit of reference	practical	
6	4	Bachelor's	Practical application	Theory	Written and oral
			in Al-Atarih unit	and	
				practical	
7	4	Bachelor's	Practical application	Theory	Written and oral
			in the unit of AI-	and practical	
			Atarih and electronic	practical	
			messages		
8	4	Bachelor's	Practical application	Theory	Written and oral
			in the electronic	and	
			library unit	practical	
9	4	Bachelor's	Practical application	Theory	Written and oral
			in the donation unit	and	
			and book donation	practical	
			procedures		
10	4	Bachelor's	Practical application	Theory	Written and oral
			in the supply unit	and	
			and book	practical	
			registration		
			procedures		
11	4	Bachelor's	The practical	Theory	Written and oral
			application in the	and	
			unit of indexing and	practical	
			classification on the		
			procedures of		
			classifying books		
			according to the		
			Dewi decimal system		
12	4	Bachelor's	Practical application	Theory	Written and oral
			in the indexing and	and	
			classification unit on	practical	
			selection procedures		
			and drafting subject		
		•			

	Г	ı	T	T	
			headings		
13	4	Bachelor's	Practical application	Theory	Written and oral
			in indexing and	and	
			classification unit to	practical	
			descriptive indexing		
			procedures		
14	4	Bachelor's	Practical application	Theory	Written and oral
			of Koha system for library management	and	
15	4	Bachelor's		practical	Written and oral
	4	bachelor's	Training at the	Theory and	written and orai
			Central Library of	practical	
			the University of	1	
			Mosul		
16	4	Bachelor's	A detailed	Theory	Written and oral
			explanation of the	and	
			administrative and	practical	
			organizational		
			structure and the		
			main departments of		
			the library		
17	4	Bachelor's	A theoretical	Theory	Written and oral
			lecture on digital	and	
			information	practical	
18	4	Bachelor's	services An explanation of	Theory	Written and oral
	T	Dacificion 5	automatic indexing	and	Witten and orar
			in MARC format	practical	
			And Koha system		
19	4	Bachelor's	A practical	Theory	Written and oral
			application for	and	
			entering Arabic book records	practical	
20	4	Bachelor's	Practical	Theory	Written and oral
	-		application on	and	
			entering foreign	practical	
			book registrations		
21	4	Bachelor's	A practical	Theory	Written and oral
			application for entering university	and practical	
		<u> </u>	chicking university	practical	

			theses records		
22	4	Bachelor's	Practical application to work procedures in the bookroom	Theory and practical	Written and oral
23	4	Bachelor's	Practical application of work procedures in the dissertations and dissertations hall	Theory and practical	Written and oral
24	4	Bachelor's	Practical application to work procedures in the patrol hall	Theory and practical	Written and oral
25	4	Bachelor's	Practical application to work procedures in the reference hall	Theory and practical	Written and oral
26	4	Bachelor's	Practical application of work procedures in the Electronic Messages and Dissertations Unit	Theory and practical	Written and oral
27	4	Bachelor's	Practical application of work procedures in the electronic library	Theory and practical	Written and oral
28	4	Bachelor's	Practical application of work procedures	Theory and practical	Written and oral
29	4	Bachelor's	Practical application in the Gift and Exchange Unit	Theory and practical	Written and oral
30		Bachelor's	Final exam		

- 1- Conducting written tests (Midyear and final) through some questions on the subject of the study material to know the extent of their comprehension of the subject
- 2-Quiz (short exam)
- 3-Practical

<u></u> б.	
Required textbooks (curricular books, if any)	The theoretical material includes the definition of the organizational structu the library and the duties and responsibilities of each branch and each unit.
Main references (sources)	Lectures on the practical and theoretical application of the introduction to library and information science / Mohammad Maher Hamada
Recommended books and references (scientific journals, reports)	Information services in the digital environment / by Amjad Al-Jawhari and Muttoli Naqib Professional development of library professionals in the digital environment Mahinour Fouad Shaaban
Electronic References, Websites	http://:www.youtube.com
	name and academic level Course .1
	Information Networks / Fourth Grade
	Course code .2
	ITKL-46
	Semester/Year .3
	2025-Academic year 2024
	Date this description was prepared .4
	2025/5/2
	Available forms of attendance .5
	Physical presence
	(hours (total) / Number of units (total Number of study .6
	hours / 4 units 5
ame of the course	supervisor (if more than one name is mentioned) and academic .7
	.title
	: Name: Prof. Dr. Ammar Abdel Latif Abdel Ali Email

	drammar_z71@uomosul.edu.iq									
					vesCou	ırse objecti .8				
Intı	oducing the		nation networks and		Cour	rse objectives				
			v to build them, and							
Inf	rming the student about the importance of information .networks and the services they can provide									
	strategies Teaching and learning .9									
			Theoretical			•				
	Th	e theoretical lect	ure is supported by a			Strategy				
		.pre	esentation							
			cussion and mutual d	_						
			ainstorming and qui							
		Knowledge m	aps and knowledge p	oyramid .5						
_	1					structure .10				
E		Learning	Name of unit	Required	watches	week				
	method	method	or topic	learning						
			T 0	outcomes						
		Active	Information networks in	The student's	4					
		learning and blended	terms of their	mastery of the scientific						
		learning	benefits	material and		1				
		i curining	3011011113	acquisition of		_				
				the necessary						
				skills						
		===	Information	===	4					
			networks, their			2				
			requirements and evaluation							
		===	Types of		4					
			information		4	2				
			networks and			3				
			their structures							
		===	Information	===	4					
			network			4				
			installation							
		=	Discussing the structural		4					
			composition of			5				
			networks							
		===	Discussing the	===	4					
			structural			6				
			composition of							
			networks							
		===	Network hardware	===	4	7				
\vdash		===	Server network	===	A					
			design		4	8				
Щ			ucsigii		1					

===	Network design	===	4	
	Client and			9
	customer			
===	topologies, ring,	===	4	
	star, linear, star			10
	and bus networks			
===	Network	===	4	
	The topology		•	11
	the star and ring			
===	network Bus	===	4	10
	topology		•	12
===	Network card	===	4	
	factors affecting		7	13
	it			
===	wireless -semi	===	4	1.1
	card		4	14
===	End of term test	===	4	1 7
	Ziid of tellii test		4	15
===	Key technologies	===	4	16
	in local area		-	10
	networks			
===	Ethernet	===	1	
	networks		4	17
	Wireless local	===	4	
	area networks		4	18
===	Extended Local	===	4	
	Area Network		4	19
	Architecture			17
	Network	===	4	
			4	20
	Protocols Topic This week the		4	
===		===	4	21
	topic of protocols			21
	.is completed			
===	Data transmission	===	4	
				22
	technology in information			22
	networks			
===	wired data	===	4	23
	transmission			
===	Wireless data	===	4	24
	transmission			
===	the light sleep	===	4	25
===	This week we	===	4	
	will be		4	
	discussing the			
	topic of network			26
	and information			
	security			
<u> </u>	.sccurry			

	===	Viruses and	===	4	27
		security breaches			21
	===	This week we are	===	4	
		covering some of			28
		the specialized			26
		.services			
	===	This week we	===	4	
		will review and			29
		discuss student			49
		.reports			
	===	Second semester	===	4	30
		final exam			30

Evaluation and Grade Divisions Course .11

The grade is distributed out of 100 according to the tasks as follows: attendance 5 points / first exam 15 points / second exam 15 points / homework 5 points / so the final exam since the study is total grade is 40% and the remaining 60 are given to the .based-semester

	Learning and teaching resources .12
nothing	Required textbooks (methodology if
	(any
Computerized Information Systems and Networks in Libraries and Ibrahim Information Centers / Amer Samarrai, -Qandilji and Iman Al Baghdad 2000	(Main References (Sources
and Communication Networks / Amer	Recommended supporting books and
-Ibrahim Qandilji and Iman Al	references (scientific journals,
in addition 'Samarrai, Amman, 2009 support the to many articles that vocabulary of the weeks	(reports
A collection of articles available online and updated on a regular basis	Electronic references, websites

Course name and academic level .1
Information Storage and Retrieval / Fourth Grade
Course code .2

ITKL-43							
	Semester/Year .3						
				cademic ye			
		Date	this descripti				
					.025/5/5		
		A	Available for	ms of atten	dance .5		
				Physical p	presence		
	(Number	r of study hours (total) / Numb	per of units	(total .6		
				hours / 4	units 4		
if more th	nan one name	is mentioned)) N	lame of the c	ourse supe	rvisor .7		
				and acade	mic title		
	: Name: Pi	rof. Dr. Ammar A	bdel Latif A	bdel Ali	Email		
		(drammar_z7	1@uomosu	ıl.edu.iq		
			C	Course object	ctives .8		
The article ai	ms to inform th	e researcher about 1	the nature of	Course ob	oiectives		
		and databases, where formation networks,	_		J		
•	the internet, in		or databases				
		Tea	aching and le	earning strat	tegies .9		
	Theoretical			(Strategy		
The t		re is supported by a v	visual .2				
	_	entation nutual dialogue (Cri	ticism .3				
		nstorming and quick					
		s and knowledge py					
	Course structure .10						
Evaluation	Learning	Name of unit	Required	watches	week		
method	method	or topic	learning				
		T 0	outcomes				
	Active learning and	Information retrieval,	The student's	4			
	blended	problem	mastery of				
	learning	inflation,	the		1		
		automated	scientific				
		applications in	material and				
		enterprises, direct	acquisition				

I		000000 000001-	of the		
		access search			
		systems	necessary skills		
		Commenting			
		Cooperative	===	4	
		information			2
		retrieval systems,			2
		local systems,			
		database systems			
	===	Future trends in	===	4	
		automated			3
		information			
		retrieval systems			
	===	Integration of	===	4	
		information			
		retrieval			
		methods,			
		development of			
		information			
		retrieval			4
		'methods			
		development of			
		electronic			
		publishing of			
		information			
		sources			
	===	The development	===	4	
		of information		-	
		search methods,			
		expert systems,			_
		and the			5
		development of			
		virtual reality			
		applications			
		Factors affecting		4	
		information		4	6
		retrieval			U
	===	Evaluation of			
		information	===	4	7
					/
		retrieval systems			
	===	-Beneficiary	===	4	8
		related factors			
	===	Factors related to	===	4	9
		the mediator			
	===	Mediation in	===	4	
		information			
		gathering,			10
		specialization			10
		and objective			
		interest			
	===	Communication	===	4	11
		with the			11

	hanafiajary			
	beneficiary, professional			
	ethics			
===	Factors related to		1	
	information		4	
	retrieval systems,			
	system concept,			12
	database			12
	management			
	systems			
===	Glossary of	===	4	
	terms, search		4	
	methods			
	mechanism, user			13
	interface with the			
	system			
===	Factors related to	===	4	
	information	_	4	
	retrieval			14
	language			
===	The concept of	===	4	
	language in		4	
	information			15
	retrieval			
===	First semester		1	
	exam		4	16
===	Free Natural	===	1	
	Language Search		4	17
	Features			1.7
===	Restricted	===	4	
	search language		4	18
	properties			10
===	made -Ready	===	1	
	information		4	19
	retrieval systems			17
===	Silver Disc	===	Л	
	Information		4	
	Retrieval			20
	Systems			
===	Fundamentals of	===	4	
	Information	_	4	
	Retrieval			21
	Systems			
===	Information	===	Λ	
	Trading Cycle		4	22
	Information			
	retrieval systems		4	24
===	Information		<u> </u>	
	retrieval		4	25
	problems			25
	problems			

===	Information retrieval methods and requirements	===	4	26
===	Text analysis	===	4	27
===	Formation, factors of the appearance of detectors, types of detectors	===	4	28
===	Second semester exam	===	4	29
===	General review	===	4	30

Course Evaluation and Grade Divisions .11

The grade is distributed out of 100 according to the tasks as follows: attendance 5 homework 5 points / so the / points / first exam 15 points / second exam 15 points total grade is 40% and the remaining 60 are given to the final exam since the study is .based-semester

	Learning and teaching resources .12
nothing	Required textbooks (methodology if
	(any
Representation and Knowledge Information Retrieval / Khaled Abdel Fattah Mohammed, Automated Information Retrieval Systems / Talal Zuhairi-Nazem Al	(Main References (Sources
Fundamentals of Information	Recommended supporting books and
ystems/Faten Saeed Retrieval S	references (scientific journals,
Bamfleh, the material is split from an	(reports
old and new material, and the material	(mop error
was collected through a group of	
sources in the field of information	
networks and networks, multiple	
.research and studies from the Internet	
A collection of articles available	ences, websitesElectronic refer
online and updated on a regular basis	

Course name and academic level .1							
	Information Networks / Master's / Second Semester						
					C	ourse code .2	
						ITKM-6	
					Sen	nester/Year .3	
		2	025-2024 Se	con	d semester / a	cademic year	
			Date th	is (description wa	as prepared .4	
						2025/5/1	
			A	vail	able forms of	attendance .5	
					Phys	sical presence	
		(Number of st	udy hours (to	tal)	/ Number of	units (total .6	
					ho	urs / 2 units 2	
mentioned)	and academic	Name of the cou	ırse superviso	or (:	if more than o	ne name is .7	
						.title	
		: Name: Prof. Dr	r. Ammar Ab	del	Latif Abdel A	Ali Email	
			drar	nm	ar_z72@uom	osul.edu.iq	
					Course	objectives .8	
The article a	ims to inform	the researcher ab	out the •		Cour	rse objectives	
nature of in	formation and	alysis, its types,	forms,				
and the me		ng it, whether t nal methods comp	_				
				hin	g and learning	g strategies .9	
		Theoretical le	cture .6			Strategy	
theoretical	lecture is supported in presenta	ported by a visual	The .7				
Critic	-	on and mutual dial	logue .8				
	Brainsto	orming and quick	ideas .9				
Know	rledge maps ar	nd knowledge pyr	amid .10		Course	structure .10	
Evaluation	Learning	Name of unit	Require	ed	watches	week	
method	method	or topic	learnir outcom	_			
	Active	The topic of	The student		2		
	learning	information	mastery o	of	_		
	and	networks is	the scientif			the first	
	blended	discussed in	material ar				
	learning	terms of their benefits,	acquisition of the necessar				
		ocnents,	110 110005541	J			

	requirements	skills		
	and evaluation			
Active	The topic of	The student's	2	
learning	types of	mastery of		
and	information	the scientific		
blended	networks and	material and		the second
learning	their structures	acquisition of		
37	.is discussed	the necessary		
		skills		
Active	This week, the	The student's	2	
learning	scientific	mastery of	_	
and	material for	the scientific		
blended	the second	material and		
ninglear	week will be	acquisition of		
υ	completed and	the necessary		the third
	the structural	skills		
	composition of			
	networks will			
	.be discussed			
Active	This week we	The student's	2	
learning	will discuss	mastery of	_	
and	the physical	the scientific		
blended	equipment of	material and		Fourth
learning	.the networks	acquisition of		
		the necessary		
		skills		
Active	This week we	The student's	2	
learning	will cover the	mastery of		
and	design of	scientific the		
blended	server -client	material and		Fifth
learning	.networks	acquisition of		
		the necessary		
		skills		
Active	This week we	The student's	2	
learning	will cover the	mastery of		
and	topology of	the scientific		
blended	local area	material and		Sixth
learning	networks, ring,	acquisition of		2
	star, linear,	the necessary		
	star and bus	skills		
	.networks	TE1 . 1 . 1		
Active	This week we	The student's	2	
learning	will discuss	mastery of		
and	the network	the scientific		
blended	card, the	material and		
learning	factors	acquisition of		Seventh
	affecting it, the	the necessary		
	wireless -semi	skills		
	card, and the			
	main			
	technologies in			

	.local networks			
Active	wireless local	The student's	2	
learning	. area networks	mastery of	_	
and		the scientific		
blended		material and		The eighth
learning		of acquisition		
		the necessary		
		skills		
Active	This week we	The student's	2	
learning	will cover the	mastery of		
and	architecture of	the scientific		
blended	extended local	material and		Ninth
learning	.etworksarea n	acquisition of		
		the necessary		
		skills		
Active	This week we	The student's	2	
learning	will be	mastery of		
and	discussing the	the scientific		
blended	topic of	material and		tenth
learning	network	acquisition of		
	.protocols	the necessary		
	1	skills		
Active	This week the	The student's	2	
learning	topic of	mastery of	_	
and	protocols is	the scientific		
-project	.completed	material and		eleventh
based	I	acquisition of		
learning		the necessary		
8		skills		
Active	This week we	The student's	2	
learning	will discuss	mastery of	_	
and	data	the scientific		
learning	transmission	material and		twelfth The
based on	technology in	acquisition of		
Projects	information	the necessary		
	.networks	skills		
Active	This week we	The student's	2	
learning	will be	mastery of		
and	discussing the	the scientific		
blended	topic of	material and		thirteenth
learning	network and	acquisition of		
	information	necessary the		
	.security	skills		
Active	This week we	The student's	2	
learning	vering are co	mastery of	_	
and	some of the	the scientific		
blended	specialized	material and		fourteenth
learning	.services	acquisition of		120.1001101
i cariiii g	.501 71005	the necessary		
		skills		
		SKIIIS		

Active	This week we	The student's	2	
learning	will review	mastery of		
and	and discuss	the scientific		
blended	student	material and		fifteenth
learning	.reports	acquisition of		
		the necessary		
		skills		

Course Evaluation and Grade Divisions .11

The grade is distributed out of 100 according to the tasks as follows: attendance 5 points / first exam 15 points / weekly homework 10 points / so the total grade is 30% .based-are given to the final exam since the study is semester and the remaining 70

points / first exam 15 points / weekly homework 10 points / so the total grade is 30%				
.based-are given to the final exam since the study is semester and the remaining 70				
	Learning and teaching resources .12			
There is no textbook available, but it	Required textbooks (methodology if			
consists of a collection of articles, as				
the subject is renewable.	(any			
Mohamed Fathy Abdel Hadi . Indexing and Extraction: Concepts, Foundations and The Egyptian -ApplicationsLebanese House 2019 Ghalia Muhammad Nabil Saadallah. Knowledge Organization Tools : An Applied Study in Library and Information Ontology in the Arabic LanguageDamascus, 2013	(References (Sources Main			
•				
Khaled Abdel Fattah Mohamed.	Recommended supporting books and			
Knowledge Representation and Digital Information Retrieval.	references (scientific journals,			
Dubai: Qandeel Printing and .g, 2019Publishin	(reports			
Zuhairi. Digital -Talal Nadhim Al for (DOI) Object Identifier describing and encoding information resources in the digital environment: Importance and Use. Iraqi Journal of Information Technology, Vol. 9, .No. 19				
	Electronic references, websites			

1. Course name and academic level			
Multimedia / Stage Four			
2. Course code			
Arln25F1407			
3. Semester/Year			
2024-2025/ Annual			
Date this description was prepared	4. Da		
22/9/2025			
5. Available forms of attendance	!		
In-person and online			
ours (total) / Number of units (total)	6. Number of study hours		
4			
7. Name of the course supervisor (if more than one name is mentioned)			
and academic title.			
Name: Shaima Hashem Youssef Email: shimah.hy@uomosul.edu.iq			
8. Course objectives			
Course objectives	The objective of the •		
	Multimedia Systems		
	course is to introduce		
	students to the basic		
	principles of this		
	important field of		
	knowledge and how to		
	work with various media		
	when building multimedia		
	systems. It also aims to		
	enable students to acquire		
	the cognitive and practical		
	skills necessary to manage,		
	organize, and build		
	multimedia systems in a		
	network environment,		

synthesize them for
educational purposes, and
invest them in improving
the quality of services
provided by information
institutions. It also aims to
familiarize students with
the software and
applications used in
multimedia production.

9. Teaching and learning strategies

brainstorming group education Strategy

			1	O. Course	structure
Evaluation	Learning	Name of unit	Required	watches	week
method	method	or topic	learning		
		·	outcomes		
Written and	theory	What is	Bachelor'sS	4	1
oral	ŕ	multimedia?-		•	_
		Concept,			
		definition and			
		development			
Written and	theory	Physical	Bachelor's	4	2
oral		components of			
		multimedia			
Written and	theory	What is required	Bachelor's	4	3
oral		to implement a			
		multimedia			
		project?			
Written and	theory	Multimedia	Bachelor's	4	4
oral		production			
		requirements			
Written and	theory	Multimedia	Bachelor's	4	5
oral		elements			
Written and	theory	Written texts	Bachelor's	4	6
oral		and still images			
Written and	theory	Still and	Bachelor's	4	7
oral		Animation			
Written and	theory	sound-audio	Bachelor's	4	8
oral		elements			
Written and	theory	Audio devices	Bachelor's	4	9
oral		and equipment			
Written and	theory	What is digital	Bachelor's	4	10

			1		
oral		audio?-Features			
		of digital audio			
Written and	theory	semester exam	Bachelor's	4	11
oral	•			-	
Written and	theory	Advantages of	Bachelor's	4	12
oral	theory	using sound in	Buchelor 5	4	12
Oral		multimedia			
NA/-************************************			Da ala da da		
Written and	theory	Multimedia	Bachelor's	4	13
oral		elements			
		(graphics and			
		video)			
Written and		Multimedia	Bachelor's	4	14
oral		technology and			
	theory	its capabilities			
Written and	theory	Multimedia and	Bachelor's	4	15
oral	,	the Internet		7	10
Written and	theory	Online	Bachelor's	4	16
oral	theory	multimedia tools	Dacifeloi 3	4	10
Oral		multimedia tools			
			5 1 1 1		
Written and	theory	Characteristics	Bachelor's	4	17
oral		and concepts			
		associated with			
		multimedia			
		technology			
Written and	theory	Hypermedia-	Bachelor's	4	18
oral		interactive			
		multimedia			
Written and	theory	Hypermedia	Bachelor's	4	19
oral	,	Team		7	13
Written and	theory	Multimedia	Bachelor's	4	20
oral	theory	Design and	Dacrieioi 3	4	20
Oral		_			
144.31		Production Team	D- 1 1		
Written and	theory	Multimedia	Bachelor's	4	21
oral		Authoring			
Written and	theory	Multimedia	Bachelor's	4	22
oral		authoring			
		systems			
Written and	theory	Stages of	Bachelor's	4	23
oral	•	preparation and		-	
		planning for a			
		multimedia			
		project			
Written and	theory	Multimedia	Bachelor's	1	2/
	tileoi y		Dacifeloi 3	4	24
oral		authoring			
		programs			
Written and	theory	semester exam	Bachelor's	4	25
oral					

Written and	theory	Application	Bachelor's	4	26
oral		programs that			
		integrate			
		multimedia			
		components			
Written and	theory	usedTMultimedia	Bachelor's	4	27
oral		in the field of			
		media			
Written and	theory	usedTMultimedia	Bachelor's	4	28
oral		applications in			
		the field of			
		electronic			
		journalism			
Written and	theory	Uses of	Bachelor's	4	29
oral		multimedia in			
		advertising			
Written and	theory	Teaching and	Bachelor's	4	30
oral		learning through			
		multimedia			

11. Course Evaluation and Grade Divisions

The grade is distributed out of 100 based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc.

There are no textbooks. There are no textbooks. Required textbooks (methodology if any) 1- Multimedia/Louay AlZaghbi 2020 2-Multimedia / Nael Harzallah - Dima AlDamen / 2008 3-Multimedia Design and Applications / Mohammed Hussein

	Basbous - and others /
	2004
Recommended supporting books and	Information and library journals
references (scientific journals,	and information technology
reports)	books
Electronic references, websites	Information and resources
t	available on websites about
S	multimedia and its applications