

1. Course name and academic level				
Arabic /stageSecond				
2. Course code				
Arln25F1201				
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.			Course objectives	
9. Teaching and learning strategies				
to explain The material Scientific For students In a way Detailed Storm mental group education			Strategy	
10. Course structure				
Evaluati	Learnin	Name of unit or topic	Required	watch week

on method	g method		learning outcomes	es	
Written and oral	theory	Introductory lecture	Bachelor'sS	2	1
Written and oral	theory	Explanation of the types of objects in the Arabic language	Bachelor's	2	2
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

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.

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)
_summary rules Arabic/Fouad blessing. _basics in the language Arabic rules And application.	Recommended supporting books and references (scientific journals, reports...)
<p>1. a baseFor the Unified Iraqi Index - Al-Abbas's Holy Shrine/https://iquc.org/</p> <p>2. Iraqi Digital Repository/https://iqdr.iq/</p> <p>3. Iraqi Digital Library/https://www.ivsl.org/</p> <p>4. OCLC https://www.oclc.org/en/home.html?redirect=true</p> <p>5. Word cat/https://www.oclc.org/en/worldcat.html</p> <p>6. MARC https://www.loc.gov/marc/</p> <p>7. Directory of Open Access Journals/https://doaj.org/</p> <p>8. Library of Congresshttps://www.loc.gov/</p> <p>9. International Federation of Library Associationshttps://repository.ifla.org/</p> <p>10. Computerized library catalogshttps://www.oclc.org/en/home.html</p>	Electronic referencesAndInternet sites

Name

اسم صديق



رئيس القسم

Course Description Form**Department or****Literature College:
Information and knowledge technologies****University: Mosul
branch:**

1. Course name and academic level					
Information Institutions Management / Second Stage					
2. Course code					
ArIn25F1208					
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. Sarmad Siddiq Ghazi Email:sarmad.sg@uomosul.edu.iq					
8. Course objectives					
Introducing students to the concept of management • Introducing students to the elements of management • Learn about Total Quality Management •			Course objectives		
9. Teaching and learning strategies					
brainstorming group education Reciprocal teaching			Strategy		
10. Course structure					
Evaluation method	Learning method	Name of unit or topic	Required learning	watches	week

			outcomes		
Written and oral	theory	The concept of management, who is the administrator, and the importance and functions of management	Bachelor's	4	1
Written and oral	theory	Fields and nature of management and its relationship to other sciences	Bachelor's	4	2
Written and oral	theory	Classical schools of management	Bachelor's	4	3
Written and oral	theory	The concept of planning and its motives	Bachelor's	4	4
Written and oral	theory	Stages, types and fields of planning in libraries	Bachelor's	4	5
Written and oral	theory		Bachelor's	4	6
Written and oral	theory	The concept of organization, its benefits and principles	Bachelor's	4	7
Written and oral	theory	Organizational structure and factors affecting	Bachelor's	4	8

		it			
Written and oral	theory	Organizational division methods for libraries	Bachelor's	4	9
Written and oral	theory	The concept of employment, its steps and procedures	Bachelor's	4	10
Written and oral	theory	Guidance in terms of concept and principles	Bachelor's	4	11
Written and oral	theory	Censorship in terms of concept and importance	Bachelor's	4	12
Written and oral	theory	Types of censorship	Bachelor's	4	13
Written and oral	theory	Supervision, concept, reasons and motives for supervision	Bachelor's	4	14
Written and oral	theory	a test	Bachelor's	4	15
Written and oral	theory	Coordination in terms of concept, importance and methods	Bachelor's	4	16
Written and oral	theory	Advantages and principles of coordination	Bachelor's	4	17
Written and oral	theory	Decision making, its elements and	Bachelor's	4	18

		it			
Written and oral	theory	Organizational division methods for libraries	Bachelor's	4	9
Written and oral	theory	The concept of employment, its steps and procedures	Bachelor's	4	10
Written and oral	theory	Guidance in terms of concept and principles	Bachelor's	4	11
Written and oral	theory	Censorship in terms of concept and importance	Bachelor's	4	12
Written and oral	theory	Types of censorship	Bachelor's	4	13
Written and oral	theory	Supervision, concept, reasons and motives for supervision	Bachelor's	4	14
Written and oral	theory	a test	Bachelor's	4	15
Written and oral	theory	Coordination in terms of concept, importance and methods	Bachelor's	4	16
Written and oral	theory	Advantages and principles of coordination	Bachelor's	4	17
Written and oral	theory	Decision making, its elements and	Bachelor's	4	18

Written and oral	theory	steps Types of decision-making and its difficulties	Bachelor's	4	19
Written and oral	theory	Total Quality Management	Bachelor's	4	20
Written and oral	theory	The difference between traditional management and total quality management	Bachelor's	4	21
Written and oral	theory	Total Quality Management in University Libraries	Bachelor's	4	22
Written and oral	theory	Total Quality Management Principles	Bachelor's	4	23
Written and oral	theory	Total Quality Management Objectives	Bachelor's	4	24
Written and oral	theory	Total Quality Management Implementation Requirements	Bachelor's	4	25
Written and oral	theory	Stages of implementing total quality management	Bachelor's	4	26
Written and oral	theory	Advantages of Total Quality Management	Bachelor's	4	27
Written and oral	theory	Methods of implementing total quality management	Bachelor's	4	28
Written and oral	theory	Obstacles to implementing Total Quality Management	Bachelor's	4	29
Written and oral	theory	a test	Bachelor's	4	30


oral					
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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

Library Management: Foundations and Processes / Rabhi Mustafa Alian	Required textbooks (methodology if any)
Master's Thesis / Total Quality Management in the Central Library, University of Mosul	Main References (Sources)
—	Recommended supporting books and references (scientific journals, reports...)
1. https://koha-community.org/demo/ 2. https://www.ivsl.org/?language=ar 3. https://www.iasj.net	Electronic references, websites


Name and signature of the head of the department
Ast. Prof. Dr. wasan sami saadallah

Name and signature of the decision maker

M. Sarmed Siddiq Ghazi





Course Description Form

University: Mosul

College: Literature

Department or Branch: Information and Knowledge Technologies

1. Course name and academic stage:

The crimes of the baath regime in Iraq / the second stage

2. Course code

ArIn25F1204

3. Semester/Year

2025-2024

4. Date this description was prepared

12/9/2024

5. Available forms of attendance

Individual group

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

2 hours / 2 units

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

the name: Dr. marwa mohammed ameen / marwa.ameen@uomosul.edu.iq

8 course objectives

Subject objectives

- 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.....

9. Teaching and learning strategies

Strategy

- brainstorming and group learning

10. Course Structure

week	Hou rs	Required learning outcomes	Name of the unit or topic	Learn ing method	Evaluation method
1	2	Bachelor's	The concept of crimes and their types	theory	Written and oral
2	2	Bachelor's	Definition of crimes in language and terminology	theory	Written and oral

3	2	Bachelor's	Crime sections	theory	Written and oral
4	2	Bachelor's	Exam	theory	Written and oral
5	2	Bachelor's	Crimes of the baath regime according to the Iraqi supreme criminal court law 2005	theory	Written and oral
6	2	Bachelor's	Types of international crimes	theory	Written and oral
7	2	Bachelor's	Decisions issued by the criminal court	theory	Written and oral
8	2	Bachelor's	Psychological crimes	theory	Written and oral
9	2	Bachelor's	Mechanisms of psychological crimes	theory	Written and oral
10	2	Bachelor's	Psychological effects of crimes	theory	Written and oral
11	2	Bachelor's	Exam	theory	Written and oral
12	2	Bachelor's	Social crimes	theory	Written and oral
13	2	Bachelor's	Violations of Iraqi laws	theory	Written and oral
14	2	Bachelor's	Environmental crimes	theory	Written and oral
15	2	Bachelor's	War and radioactive pollution	theory	Written and oral
١٦	2	Bachelor's	The effects of the chemical attack on halabja	theory	Written and oral
١٧	2	Bachelor's	Destruction of cities and villages	theory	Written and oral
١٨	2	Bachelor's	Exam	theory	Written and oral
١٩	2	Bachelor's	Burning oil wells	theory	Written and oral
٢٠	2	Bachelor's	Draining the marches	theory	Written and oral
٢١	2	Bachelor's	The effects of draining the marches	theory	Written and oral
٢٢		Bachelor's	Orchard clearing	theory	Written and oral
٢٣	2	Bachelor's	Environmental impacts of orchard clearing	theory	Written and oral
٢٤	2	Bachelor's	Mass grave crimes	theory	Written and oral
٢٥	2	Bachelor's	the Shaaban uprising	theory	Written and oral
٢٦	2	Bachelor's	Genocide graves events	theory	Written and oral
٢٧	2	Bachelor's	Events of the iran-iraq war	theory	Written and oral
٢٨	2	Bachelor's	Chronological classification of the genocide graves	theory	Written and oral

٢٩	2	Bachelor's	Exam	theory	Written and oral
٣٠	2	Bachelor's	Review the material	theory	Written and 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.

1-theoretical exams inside the hall

2-daily exams

3-preparing the activity inside the classroom

4-questions answers and participation

5-monthly exam

12. Learning and teaching resources

Required textbooks (methodology if any)	Crimes of the baath regime in iraq
Main References (Sources)	Hamid hannon, human rights and legal guarantees 2015
Recommended supporting books and references (scientific journals, reports...)	
Electronic references, websites	<ol style="list-style-type: none"> 1. Iraqi Unified Catalog - 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 / 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

Name and signature of the decision maker

Dr.marwa mohammed ameen

Name and signature of the head of the department or branch



Course Description Form

the university : Mosul

College: Literature

Department or

branch: Information and knowledge technologies

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 (Word, Excel, PowerPoint).
2. Develop computer skills and productivity.
3. Improve problem-solving and communication skills.
4. Preparing students for the labor market

Course objectives

9. Teaching and learning strategies

brainstorming

group education

Strategy

10. Course structure

Evaluation method	Learning method	Name of unit or topic	Required learning	watches	week
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			outcomes		
Written and oral	theory+ Operation	conceptWord program	Bachelor'sS	4	1
Written and oral	theory+ Operation	Explanation of the file tab in Word	Bachelor's	4	2
Written and oral	theory+ Operation	Explanation of the Home tab in Word	Bachelor's	4	3
Written and oral	theory+ Operation	Explanation of the Insert tab in Word	Bachelor's	4	4
Written and oral	theory+ Operation	Explanation of the Design tab in Word	Bachelor's	4	5
Written and oral	theory+ Operation	Explanation of the Layout tab in Word	Bachelor's	4	6
Written and oral	theory+ Operation	Format tab explanation	Bachelor's	4	7
Written and oral	theory+ Operation	Explanation of the References tab in Word	Bachelor's	4	8
Written and oral	theory+ Operation	Explanation of the Correspondence tab in Word	Bachelor's	4	9
Written and oral	theory+ Operation	Explanation of the Review tab in Word	Bachelor's	4	10
Written and oral	theory+ Operation	Explanation of the View tab in Word	Bachelor's	4	11
Written and oral	theory+ Operation	semester exam	Bachelor's	4	12
Written and oral	theory+ Operation	Excel program concept	Bachelor's	4	13
Written and oral	theory+ Operation	Explanation of the file tab in Excel	Bachelor's	4	14
Written and oral	theory+ Operation	Explanation of the Home tab in Excel	Bachelor's	4	15
Written and oral	theory+ Operation	Explanation of the Insert tab in Excel	Bachelor's	4	16
Written and oral	theory+ Operation	Explanation of the Page Layout tab in Excel	Bachelor's	4	17
Written and oral	theory+ Operation	Explanation of the Design tab in Excel	Bachelor's	4	18
Written and oral	theory+ Operation	Explanation of the Layout tab in Excel	Bachelor's	4	19
Written and oral	theory+ Operation	Explanation of the Format tab in Excel	Bachelor's	4	20
Written and oral	theory+ Operation	Explanation of the References tab in Excel	Bachelor's	4	21
Written and oral	theory+ Operation	Explanation of the Correspondence tab in Excel	Bachelor's	4	22
Written and oral	theory+ Operation	Explanation of the Review tab in Excel	Bachelor's	4	23
Written and oral	theory+ Operation	Explanation of the View tab in Excel	Bachelor's	4	24
Written and oral	theory+	semester exam	Bachelor's	4	25

oral	Operation				
Written and oral	theory+ Operation	Program conceptthePowerPoint	Bachelor's	4	26
Written and oral	theory+ Operation	Home drawers	Bachelor's	4	27
Written and oral	theory+ Operation	Design + Movements	Bachelor's	4	28
Written and oral	theory+ Operation	Slideshow + Review + Show	Bachelor's	4	29
Written and oral	theory+ Operation	semester exam	Bachelor's	4	30

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

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



Name and signature of the decision maker

Name and signature of the head of the department or branch

M.M. Majd Maysar Abdel-Baqi, Assistant Professor Dr. Wassan Sami Saadallah




Course Description Form

University: Mosul College: Arts Department or Branch:
Information and Knowledge Technologies

Course Name:					
Introduction to the Study of Public Relations and Media / class _Second					
Course Code:					
ITKL-1207					
Semester / Year: Academic Year					
2024-2025					
Description Preparation Date:					
2024\9\21					
Available Attendance Forms: On campus / Electronic Platform					
Attendance					
Number of Credit Hours () / Number of Units ():					
(3)					
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		<ul style="list-style-type: none">• 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			
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	theory	Written and oral
19	3	Bachelor's	Considerations		
20	3	Bachelor's	The foundations of successful communication	theory	Written and oral
21	3	Bachelor's	The spread of new ideas	theory	Written and oral
22	3	Bachelor's	Two-step communication	theory	Written and oral
23	3	Bachelor's	Communication methods in public relations	theory	Written and oral
24	3	Bachelor's	Personal contact images in public relations	theory	Written and oral
25	3	Bachelor's	Mass communication mechanisms in public relations departments	theory	Written and oral
26	3	Bachelor's	Leading institutions in preparing annual reports	theory	Written and oral
27	3	Bachelor's	Advertisement	theory	Written and oral
28	3	Bachelor's	Functional characteristics of advertising	theory	Written and oral
29	3	Bachelor's	Advertising Jobs	theory	Written and oral
30	3	Bachelor's	Advertising objectives	theory	Written and oral
			Global Advertising Communication Process	theory	Written and oral

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.

Learning and teaching resources

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, reports...)	Introduction to the Study of Public Relations and Media
Electronic references, websites	The information and resources available on websites about intellectual property rights

Name and signature of course holder
Assistant Professor: Raafat Ragab Fathy,

Name and signature of department or branch head
Assistant Professor: Wassan Sami Al-Hadidi



1. Course name and academic level					
Parameter measurements/stageSecond					
2. Course code					
ITKL-408					
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)					
5hour / 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					
1. Review of information metrics related to information and library studies and their laws			Course objectives		
2. Discuss the most important laws and their application					
9. Teaching and learning strategies					
brainstorming group education			Strategy		
10. Course structure					
Evaluation method	Learning method	Name of unit or topic	Required learning outcomes	watch es	week
Written and oral	theory	The concept of information measurements	Bachelor'sS	4	1
Written and	theory	The importance of information measurements	Bachelor's	4	2

oral					
Written and oral	theory	Factors affecting information measurements	Bachelor's	4	3
Written and oral	theory	Historical development of terms	Bachelor's	4	4
Written and oral	theory	Areas of application of Information measurements	Bachelor's	4	5
Written and oral	theory	Information Society Measurements	Bachelor's	4	6
Written and oral	theory	Information measurement laws	Bachelor's	4	7
Written and oral	theory	Stroop's law	Bachelor's	4	8
Written and oral	theory	Booth's Law	Bachelor's	4	9
Written and oral	theory	Brooks' Law	Bachelor's	4	10
Written and oral	theory	Pareto's Law	Bachelor's	4	11
Written and oral	theory	Lotka's Law of Scientific Productivity	Bachelor's	4	12
Written and oral	theory	Bradford's law of dispersion	Bachelor's	4	13
Written and oral	theory	Zieve's Law of Linguistics	Bachelor's	4	14
Written and oral	theory	The relationship between laws	Bachelor's	4	15
Written and oral	theory	Reference citations	Bachelor's	4	16

Written and oral	theory	Sites that mention cited sources	Bachelor's	4	17
Written and oral	theory	Martyrdom and non-martyrdom	Bachelor's	4	18
Written and oral	theory	Citation analysis	Bachelor's	4	19
Written and oral	theory	Reference citation rate	Bachelor's	4	20
Written and oral	theory	Impact factor	Bachelor's	4	21
Written and oral	theory	Measuring mutual influence	Bachelor's	4	22
Written and oral	theory	Reference citation exchange	Bachelor's	4	23
Written and oral	theory	Measuring the impact of intellectual production on the time factor	Bachelor's	4	24
	theory	Citations in the electronic environment	Bachelor's	4	25
Written and oral	theory	Hyperlinks and interlinks	Bachelor's	4	26
Written and oral	theory	The difference between citation and links	Bachelor's	4	27
Written and oral	theory	Hyperlink analysis	Bachelor's	4	28
Written and oral	theory	Web Impact Factor	Bachelor's	4	29
Written and oral	theory	Link analysis applications	Bachelor's	4	30

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	
There are no textbooks.	Required textbooks (methodology if any)
Hasnaa Mahmoud Mahgoub, Information Measurements, Alexandria, Scientific Culture House, 2009	Main References (Sources)
	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 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	Electronic referencesAndInternet sites

1. Course name and academic level
Arabic /stageSecond
2. Course code
ArIn25F1201
3. Semester/Year
2024-2025 annual
4. Date this description was prepared



Course Description Form

Department of Information and Knowledge Technologies / College of Arts / University of Mosul

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 ():	
4/٤	
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	<p>Learning and Teaching Strategies</p> <p>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.</p>
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 material	Written exam and Oral exam
2	4	Bachelor's	Types of data and their sources	Conceptual material	Written exam and Oral exam
3	4	Bachelor's	Data classification, data collection, data understanding	Conceptual material	Written exam and Oral exam
4	4	Bachelor's	History of data science, importance of data science	Conceptual material	Written exam and Oral exam
5	4	Bachelor's	Areas of use of data science + practical	Conceptual material	Written exam and Oral exam
6	4	Bachelor's	Data science methodology, data science tools	Conceptual material	Written exam and Oral exam
7	4	Bachelor's	The role of data scientists	Conceptual material	Written exam and Oral exam
8	4	Bachelor's	Data working skills	Conceptual material	Written exam and Oral exam
9	4	Bachelor's	Data analysis, data collection	Practical	Written exam and Oral exam
10	4	Bachelor's	Data collection, data cleaning	Conceptual material	Written exam and Oral exam
11	4	Bachelor's	Data exploration, data transformation	Conceptual material	Written exam and Oral exam
12	4	Bachelor's	Data transformation, data modeling	Practical	Written exam and Oral exam
13	4	Bachelor's	Data visualization, data investigation	Conceptual material	Written exam and Oral exam
14	4	Bachelor's	Data storage, data analyst skills	Conceptual material	Written exam and Oral exam
15	4	Bachelor's	Data verification	Conceptual material	Written exam and Oral exam
16	4	Bachelor's	Big data	Conceptual material	Written exam and Oral exam
17	4	Bachelor's	Big data management tools	Conceptual material	Written exam and Oral exam
18	4	Bachelor's	Big data applications	Conceptual material	Written exam and Oral exam
19	4	Bachelor's	Data flow, data display	Conceptual material	Written exam and Oral exam
20	4	Bachelor's	Data mining	Conceptual	Written exam

				material	and Oral exam
٢١	4	Bachelor's	Data mining relationships	Conceptual material	Written exam and Oral exam
٢٢	4	Bachelor's	The relationship between big data and data mining	Conceptual material	Written exam and Oral exam
٢٣	4	Bachelor's	The relationship between knowledge discovery in databases and data mining	Conceptual material	Written exam and Oral exam
٢٤	4	Bachelor's	Advantages of data mining and its goals	Conceptual material	Written exam and Oral exam
٢٥	4	Bachelor's	Data mining applications and their examples	Practical	Written exam and Oral exam
٢٦	4	Bachelor's	Databases (their concept, types, and life cycle)	Conceptual material	Written exam and Oral exam
٢٧	4	Bachelor's	Metadata: its concept, benefits and characteristics	Conceptual material	Written exam and Oral exam
٢٨	4	Bachelor's	Areas of using metadata and challenges facing the use and application of metadata	Conceptual material	Written exam and Oral exam
٢٩	4	Bachelor's	Information security, its goals, forms and techniques	Conceptual material	Written exam and Oral exam
٣٠	4	Bachelor's	Data security, privacy, and protection methods	Conceptual material	Written exam 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)	Talal Nazim Al-Zuhairi. Introduction to Data Science, Baghdad: Matalaza Zaki, 2023
Recommended books and references (scientific journals, reports...)	Rabhi Mustafa Alyan. DATA SCIENCE, Science of the future. Jordan: Safaa House, 2022
Electronic References, Websites	

Asst. Lec. Rami Rakan Arab

Asst. Prof. Dr Wasan Sami





Course Description Form

University: Mosul

College: Literature

Department or Branch: Information and Knowledge Technologies

1. Course name and academic stage:

digital information source/second stage

2. Course code

ITKL-24

3. Semester/Year

2024-2025

4. Date this description was prepared

1/9/2024

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.

the name: Dr. Heba Saadallah Younis Email: Heba.sy@uomosul.edu.iq

the name: Shatha Ahmed Thanoon

8. Course objectives

Subject objectives

- Emphasizing and introducing students to the importance of the librarian's knowledge of information sources in science and technology.
- How to access information from information sources and how to use it to benefit from it
- Definition of automated systems and justifications for using computers in information processing

9. Teaching and learning strategies

Strategies

- Brainstorming
- Social Education
- Reciprocal teaching

10. Course Structure

week	Hours	Required learning outcomes	Name of the unit or topic	Learning method	Evaluation method
1	4	Bachelor's	Main aspects of scientific and technological communications	theory	Written and oral
2	4	Bachelor's	Main characteristics of scientific and technological literature	theory	Written and oral
3	4	Bachelor's	Using computers in indexes and abstracts	theory	Written and oral
4	4	Bachelor's	Automated systems and justifications for using computers in information processing	theory	Written and oral
5	4	Bachelor's	Middles system MedLARS)	Theory/Practical	Written and oral
6	4	Bachelor's	Anspec system(INSPEC) BIOS (Bios)	Theory/Practical	Written and oral
7	4	Bachelor's	Definition of secondary information sources Dictionaries, guides, manuals, encyclopedias)	Theory/Practical	Written and oral
8	4	Bachelor's	Definition of the three sources of information (Bibliography Bibliographies Evidence Evidence)	theory	Written and oral
9	4	Bachelor's	Definition of reference sources in terms of subject and literary coverage and organization	theory	Written and oral
10	4	Bachelor's	Definition of secondary information sources Dictionaries, guides, manuals, encyclopedias)	theory	Written and oral
11	4	Bachelor's	Dissertation Abstract International	theory	Written and oral
12	4	Bachelor's	Science Citation Index,	Theory/Practical	Written and oral
13	4	Bachelor's	Mathematics Reviews	Theory/Practical	Written and oral
14	4	Bachelor's	Chemical Abstract,	Theory/Practical	Written and oral
5	4	Bachelor's	Main aspects of scientific and technological communications	Theory/Practical	Written and oral

16	4	Bachelor's	Main characteristics of scientific and technological literature	Theory/Practical	Written and oral
17	4	Bachelor's	Using computers in indexes and abstracts	Theory/Practical	Written and oral
18	4	Bachelor's	Automated systems and justifications for using computers in information processing	Theory/Practical	Written and oral
19	4	Bachelor's	Middle system (MedLARS)	Theory/Practical	Written and oral
20	4	Bachelor's	Anspec system (INSPEC) BIOS (Bios)	Theory/Practical	Written and oral
21	4	Bachelor's	Definition of secondary information sources (Dictionaries, guides, manuals, encyclopedias)	Theory/Practical	Written and oral
22	4	Bachelor's	Student tests	Theory/Practical	Written and oral
23	4	Bachelor's	Biological Abstracts	Theory/Practical	Written and oral
24	4	Bachelor's	Physics Abstracts	Theory/Practical	Written and oral
25	4	Bachelor's	Practical application for Reference sources available on the Internet	Theory/Practical	Written and oral
26	4	Bachelor's	Excerpta Medica	Theory/Practical	Written and oral
27	4	Bachelor's	Metals Abstracts	Theory/Practical	Written and oral
28	4	Bachelor's	Engineering Index	Theory/Practical	Written and oral
29	4	Bachelor's	Practical application for Reference sources available on the Internet	Theory/Practical	Written and oral
30	4	Bachelor's	What are the sources of information, their trends, and types of electronic information sources?	Theory/Practical	Written and 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 any)	
Main References (Sources)	Ammar Zain Al-Abidin, Saad Ahmed Ismail/CommunicationsScientificand technologyAnd its scatterersOn the literature in science 2008/
Recommended supporting books and references (scientific journals, reports...)	Heba Saadallah Younis / Reference Information SourcesAvailableOn the Internet: A Comparative Analytical Study / Master's Thesis: University of Mosul, 2012
Electronic references, websites	1. Science Direct Database: https://www.sciencedirect.com 2. Online Dictionary of Library and Information Science: https://products.abc-clio.com/ODLIS/odlis_about.aspx 3. Encyclopedia Britannica: www.britannica.com In addition to visiting the reference sources available onl

Name and signature of the decision maker

Dr.Heba Saadallah Younis

Shatha Ahmed Thanoon

Name and signature of the head of the department or branch



Course Description Form

Course Name:					
Subjective data processing / Second degree					
Course Code:					
ITKL25					
Semester / Year:					
Academic Year 2023-2024					
Description Preparation Date:					
21/9 /2023					
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		<ul style="list-style-type: none"> 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 . 			
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	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 practical	Oral and written
11	4	Bachelors	Taksheef: concept	Theoretical and practical	Oral and written
12	4	Bachelors	practical applications.	Theoretical and practical	Oral and written
13	4	Bachelors	Traditional systems: an introduction	Theoretical and practical	Oral and written
14	4	Bachelors	Kaiser's methodological indexing	Theoretical and	Oral and written

				practical	
15	4	Bachelors	practical applications	Theoretical and practical	Oral and written
16	4	Bachelors	Ranganathan Categories	Theoretical and practical	Oral and written
17	4	Bachelors	Practical Applications	Theoretical and practical	Oral and written
18	4	Bachelors	Coates system	Theoretical and practical	Oral and written
19	4	Bachelors	practical applications	Theoretical and practical	Oral and written
20	4	Bachelors	Sequential cataloging	Theoretical and practical	Oral and written
21	4	Bachelors	practical applications	Theoretical and practical	Oral and written
22	4	Bachelors	Non-traditional systems	Theoretical and practical	Oral and written
23	4	Bachelors	free indexing and the use of free descriptors	Theoretical and practical	Oral and written
24	4	Bachelors	practical applications	Theoretical and practical	Oral and written
25	4	Bachelors	Restricted indexing and the use of restricted descriptors	Theoretical and practical	Oral and written
26	4	Bachelors	practical applications	Theoretical and practical	Oral and written
27	4	Bachelors	Thematic reference file: concept	Theoretical and practical	Oral and written
28	4	Bachelors	importance, organization	Theoretical and	Oral and written

				practical	
29	4	Bachelors	practical applications.	Theoretical and practical	Oral and written
30	4	Bachelors	Recent developments in the field of subject headings	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

Required textbooks (curricular books, if any)	Subject indexing: a study in Arabic subject 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 (scientific journals, reports...)	Sources from the Internet
Electronic References, Websites	15%



Assistant Professor, Rafal Nizar Abdel Qader

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Course Description Form

Department of Information and Knowledge Technologies / College of Arts /
University of Mosul

Course Name:	
Rules of bibliographic description	
Course Code:	
Semester / Year: Academic Year 2024-2025	
Description Preparation Date:	
1/10/2024	
Available Attendance Forms: On campus / Electronic Platform	
On campus and Electronic Platform	
Number of Credit Hours () / Number of Units ():	
7 / 3	
Course administrator's name (mention all, if more than one name)	
Name: Lect. DR. Noor Faris Ghanim	
Email : noor.f.g@uomosul.edu.iq	
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.
Teaching and Learning Strategies	
Strategy	<p>Learning and Teaching Strategies</p> <p>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.</p>

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

٢٠	4	Bachelor's	Key card fields with their practical application:	Conceptual material	Written exam and Oral exam
٢١	4	Bachelor's	Title field and statement of responsibility – Section Two	Conceptual material	Written exam and Oral exam
٢٢	4	Bachelor's	Edition field	Conceptual material	Written exam and Oral exam
٢٣	4	Bachelor's	Publishing field	Practical	Written exam and Oral exam
٢٤	4	Bachelor's	practical application	Practical	Written exam and Oral exam
٢٥	4	Bachelor's	Physical description field - first section	Conceptual material	Written exam and Oral exam
٢٦	4	Bachelor's	Physical Description Field - Section Two	Conceptual material	Written exam and Oral exam
٢٧	4	Bachelor's	Edition field	Conceptual material	Written exam and Oral exam
٢٨	4	Bachelor's	Publishing field	Conceptual material	Written exam and Oral exam
٢٩	4	Bachelor's	Notes field - first section	Conceptual material	Written exam and Oral exam
٣٠	4	Bachelor's	ISBN	Practical	Written exam 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)	<ul style="list-style-type: none"> Descriptive Cataloging Binding for the First Grade / Mahmoud Jarjis Muhammad.- Mosul: University
Main references (sources)	<ul style="list-style-type: none"> Cataloging developments / Wasfi Aref Shaloul
Recommended books and references (scientific journals, reports...)	<ul style="list-style-type: none"> Cataloging Encyclopedia / Aban Abdel Aziz Khalifa. - Egypt: Egyptian Lebanese House, 198 - Practical cataloging between theory and application / Mahmoud Ahmed Etim

Electronic References, Websites	<p>Online Catalogue of central library of University of Mosul http://centrallibrary.uomosul.edu.iq</p> <p>ARUC / https://www.aruc.org/ar</p> <p>IQUC / https://iuc.org</p>
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Lecturer

Dr. Noor Faris Ghanim



Head of Dept.

Prof. Dr. Ammar Abdulatif