Course Description Form

> **Reviewing the Performance of Higher Education Institutions ((Academic Program Review))**

> **This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.**

1. Teaching Institution	University of Mosul
2. University Department/Centre	Department of Information and Knowledge Technologies / College of Arts / University of Mosul
3. Course Name/Code	Digital information sources / yearly/ Second –class
4. Programmes in which it is included	BA / yearly /Second –class
5. Available Attendance Forms	Lectures
6. Semester/Year	2023/2024
7. Total Number of Hours	4
8. Description Preparation Date	1/4/2024

9. Aims of the Programme: 1-Emphasizing and introducing students to the importance of the librarian's knowledge of information sources in science and technology

2-How to access information from information sources and how to use it to benefit from it

3-Introducing automated systems and justifications for using computers to process information

10. Learning Outcomes, Teaching, Learning and Assessment Methods

Teaching and Learning Methods

1. Theoretical lecture
2. Practical application
3. Discussion and dialogue
4. Continuous testing
5. Constructive criticism

Assessment Methods

1. Cognitive assessment
2. Skills assessment
3. Creative evaluation
4. Self-evaluation

Thinking Skills

1. Critical thinking skills
2. Creative thinking skills
3. Analytical thinking skills

General and Transferable Skills (other skills relevant to employability and personal development)

1. Presentation skills
2. Research and investigation skills

11. Course Structure

Week	Number of Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.	4		The main aspects of scientific and technological communication	1 Practical application in the technical procedures laboratory	
2.	4		Main characteristics of scientific and technological literature	1 Practical application	

1

				in the central library
3.	**4**		Using computers in indexes and abstracts	
4.	**4**		Automated systems and justifications for using computers to process information	
5.	**4**		MedLARS system	**Lectures and students presentation**
6.	**4**		Biosis system-	
7.	**4**		INSPEC system	
8.	**4**		Introducing secondary information sources (dictionaries, directories, (manual books, encyclopedias	
9.	**4**		Introducing the three sources of information (bibliography, (bibliographies, evidence	**On the practical side, visit the reference resource sites available on the Internet**
10.	**4**		Introducing reference sources in terms of objective and literary coverage and organization	
11.	**4**		Dissertation Abstract International	
12.	**4**		Science Citation Index,	
13.	**4**		Mathematics Reviews	
14.	**4**		Chemical Abstract,	
15.	**4**		Student tests	
16.	**4**		Biological Abstracts	
17.	**4**		Physics Abstracts	
18.	**4**		Practical application Reference sources available on the Internet	
19.	**4**		Excerpta Medica	
20.	**4**		Metals Abstracts	
21.	**4**		Engineering Index	
22.	**4**		Practical application Reference sources available on the Internet	
23.	**4**		What are the sources of information, their trends, types of electronic information sources	
24.	**4**		Ports of access to electronic information sources	

25.	**4**		Comparison between reference sources available on the Internet and traditional printed reference sources	
26.	**4**		Categories of reference sources available on the Internet	
27.	**4**		Benefits of online reference information sources for libraries	
28.	**4**		Common characteristics and features that characterize electronic and printed reference sources	
29.	**4**		Problems of dealing with traditional reference information sources (printed)	
30.	**4**		Biological Abstracts	

12. Infrastructure	
Required readings: ● Course books ● Other	_Ammar Zain Al-Abidin, Saad Ahmed Ismail / Scientific and technological communications and their influence on the literature in science 2008/ - Heba Saadallah Younis/ Sources of reference information available on the Internet: A comparative analytical study/ Master's thesis: University of Mosul, 2012
Special Requirements	There is no systematic book or supporting book set available
Social services (including, for example, guest lectures, professional training, and field studies)	Assigning students to prepare and discuss research to develop the students' personality and scientific research skills by visiting reference resource sites available on the Internet and doing research on them.

13. Admissions	
Prerequisites	
The smallest number of students	10 students
The largest number of students	35 students

Course Description Form

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1. Teaching Institution	University of Mosul
2. University Department/Centre	Department of Information and Knowledge Technologies / College of Arts / University of Mosul
3. Course Name/Code	knowledge management /2th
4. Programmes in which it isincluded	Bachelors/ annual
5. Available Attendance Forms	Lectures
6. Semester/Year	2023/2024
7. Total Number of Hours	4
8. Description Preparation Date	1/4/2024

9. Aims of the Programme:
The course aims to introduce students to the concept of knowledge management through information trends and to provide unified applications in knowledge management using information technology, artificial intelligence, and expert systems that contribute to supporting and transforming the fields of knowledge management and disseminating it among different societies.

10. Learning Outcomes, Teaching, Learning and Assessment Methods

Teaching and Learning Methods

1. The lecture
2. Dialogue and interaction
3. Constructive criticism
4. Brainstorming
5. Knowledge maps

Assessment Methods

1. Cognitive assessment
2. Skills assessment
3. Creative evaluation
4. Self-evaluation

Thinking Skills

1. Critical thinking skills
2. Creative thinking skills
3. Analytical thinking skills

General and Transferable Skills (other skills relevant to employability andpersonal development)

1. Presentation skills
2. Research and investigation skills

11. Course Structure

Week	Numberof Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.			The concept of knowledge and its importance		

2.			Knowledge management map, patterns and standards		
3.			Components of knowledge management systems and their design		
4.			The role of information technology in transferring knowledge		
5.			Cosmic mind and cosmic economy	**Lectures and students presentation**	
6.			Sources of knowledge and its types		
7.			Fictitious and virtual digital organizations		
8.			Knowledge as an economic resource		
9.			The concept of knowledge management and its importance		
10.			Types of knowledge		
11.			Knowledge management requirements		
12.			Knowledge management processes		
13.			Development of knowledge		

		management systems
14.		The reciprocal relationship between technology, culture and knowledge
15.		a test
16.		A future vision for the role of information specialists in knowledge management
17.		The role of management knowledge systems in business development
18.		Data warehouses
19.		Data mines
20.		Modern methods of disseminating knowledge
21.		Knowledge management and intellectual property rights
22.		Knowledge management and problem solving
23.		The concept of knowledge economy
24.		Knowledge industry and elements of the knowledge economy
25.		Knowledge economy globally and Arab
26.		The role of knowledge management systems in the organization

27.		Software, communication and the Internet		
28.		Knowledge economy and the Internet		
29.		Information marketing, we think information marketing and interactive marketing		
30.		a test		

12. Infrastructure	
Required readings: • Course books • Other	**Knowledge Management by Dr. Naeem Ibrahim Al-Zaher** **Sources from the Internet**
Special Requirements	تقنيات و مستلزمات مستخدمة في التعليم
Social services (including, for example, guest lectures, professional training, and field studies)	Introducing the topic of knowledge management into the discussions and seminars held in the department

13. Admissions	
Prerequisites	
The smallest number of students	
The largest number of students	

Course Description Form

Reviewing the Performance of Higher Education Institutions ((Academic Program Review))

This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

1. Teaching Institution	University of Mosul
2. University Department/Centre	Department of Information and Knowledge Technologies / College of Arts / University of Mosul
3. Course Name/Code	Principles of data science Bachelor's
4. Programmes in which it isincluded	Second class-Bachelor's
5. Available Attendance Forms	Lectures
6. Semester/Year	2023/2024
7. Total Number of Hours	4
8. Description Preparation Date	1/4/2024
9. Aims Of The Programme: 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.	

10. Learning Outcomes, Teaching, Learning and Assessment Methods

Teaching and Learning Methods

1. The lecture
2. Dialogue and interaction
3. Constructive criticism
4. Brainstorming
5. Knowledge maps

Assessment Methods

1. Cognitive assessment
2. Skills assessment
3. Creative evaluation
4. Self-evaluation

Thinking Skills

1. Critical thinking skills
2. Creative thinking skills
3. Analytical thinking skills

General and Transferable Skills (other skills relevant to employability andpersonal development)

1. Presentation skills
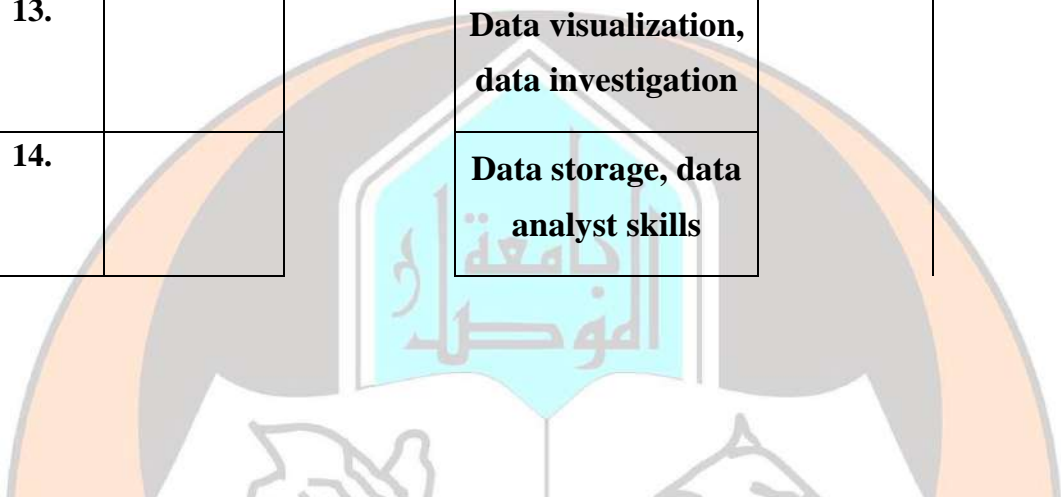2. Research and investigation skills

11. Course Structure

Week	Numberof Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.			**Basic concepts of data science**		
2.			**Types of data and their sources**		
3.			**Data classification, data collection, data**		

		understanding	
4.		History of data science, importance of data science	Lectures and students presentation
5.		Areas of use of data science + practical	
6.		Data science methodology, data science tools	
7.		The role of data scientists	
8.		Data working skills	
9.		Data analysis, data collection	
10.		Data collection, data cleaning	
11.		Data exploration, data transformation	
12.		Data transformation, data modeling	
13.		Data visualization, data investigation	
14.		Data storage, data analyst skills	

15.		**Data verification**
16.		**Big data**
17.		**Big data management tools**
18.		**Big data applications**
19.		**Data flow, data display**
20.		**Data mining**
21.		**Data mining relationships**
22.		**The relationship between big data and data mining**
23.		**The relationship between knowledge discovery in databases and data mining**
24.		**Advantages of data mining and its goals**
25.		**Data mining applications and their examples**
26.		**Databases (their concept, types, and**

			life cycle)		
27.			**Metadata: its concept, benefits and characteristics**		
28.			**Areas of using metadata and challenges facing the use and application of metadata**		
29.			**Information security, its goals, forms and techniques**		
30.			**Data security, privacy, and protection methods**		

12. Infrastructure	
Required readings: • Course books • Other	**Talal Nazim Al-Zuhairi. Introduction to Data Science, Baghdad: Mataleza Zaki, 2023** **Rabhi Mustafa Alyan. DATA SCIENCE, Science of the future. Jordan: Safaa House, 2022**
Special Requirements	
Social services (including, for example, guest lectures, professional training, and field studies)	Introducing the material into workshops and lectures in order to keep pace with data science, which is called the science of the future

13. Admissions	
Prerequisites	
The smallest number of students	10
The largest number of students	35

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This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

1. Teaching Institution	**University of Mosul**
2. University Department/Centre	**Department of Information and Knowledge Technologies / College of Arts / University of Mosul**
3. Course Name/Code	Resource Description and Access/ Second Class
4. Programmes in which it isincluded	Bachelor-Second Class
5. Available Attendance Forms	**Lectures**
6. Semester/Year	**2023/2024**
7. Total Number of Hours	**7**
8. Description Preparation Date	1/4/2024

9. Aims of the Programme:
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.

10. Learning Outcomes, Teaching, Learning and Assessment Methods

Teaching and Learning Methods

1. The lecture
2. Dialogue and interaction
3. Application lecture in Central library
4. Brainstorming
5. Knowledge maps

Assessment Methods

1. Cognitive assessment
2. Skills assessment
3. Creative evaluation
4. Self-evaluation

Thinking Skills

1. Critical thinking skills
2. Creative thinking skills
3. Analytical thinking skills

General and Transferable Skills (other skills relevant to employability andpersonal development)

1. Presentation skills
2. Research and investigation skills

11. Course Structure

Week	Numberof Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.			**Cataloging government publications and identifying their entries**		
2.			**Description fields of government**		

1

			publications + practical	
3.			Cataloging manuscripts and identifying their entries	
4.			Manuscript description fields + practical	
5.			Cataloging serials and their entries	
6.			Series description fields + practical	
7.			Cataloging cartographic materials and identifying their entries	
8.			Fields of description of cartographic materials + practical	
9.			Cataloging graphic materials and identifying their entries	
10.			Graphics material description fields	

		+ practical	
11.		**Cataloging audio recordings and identifying their entries**	
12.		**Audio recording description fields + practical**	
13.		**Cataloging video recordings and identifying their entries**	
14.		**Video recording description fields + practical**	
15.		**Cataloging electronic resources and their description fields**	
16.		**Developments in Chapter Nine on electronic sources**	

17.		**Rules for describing sources, their availability, their origin and their nature**
18.		**RDA's relationship with other standards**
19.		**Tasks of describing resources, their availability, and their objectives**
20.		**Principles of rules for describing, making, and constructing sources**
21.		**Comparison between AACR2R and RDA**
22.		**Description fields in accordance with the rules for describing sources**

		and making them available	
23.		**Machine-readable Cataloging Mark 21: its beginnings, origins, and concept**	
24.		**The importance of Mark 21 and its field components**	
25.		**Components of MARC 21 record fields**	
26.		**How to create a MARC 21 record for books**	
27.		**A practical application for creating a MARC 21 record for books**	
28.		**How to create a MARC 21 record for materials other**	

			than books		
29.			**Practical application of MARC 21 recording for materials other than books**		
30.			**A practical application for creating a MARC 21 record according to the Koha system**		

12. Infrastructure	
Required readings: • Course books • Other	Descriptive Cataloging for the second grade/ Mahmoud Girgis Cataloging developments / Wasfi Aref Shaloul Cataloging and metadata in office education programs/ Nour Faris Al-Omari - Advanced and computerized Cataloging/ Ribhi Alyan Wasfi Arif
Special Requirements	
Social services (including, for example, guest lectures, professional training, and field studies)	Carrying out training courses for university affiliates and library staff of all other state institutions according to the activities of the department during the academic year, as well as delivering scientific workshops in attendance in the department

13. Admissions	
Prerequisites	Bibliographic Description Rules/ First Class
The smallest number of students	10
The largest number of students	35

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

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1. Teaching Institution	University of Mosul
2. University Department/Centre	Department of Information and Knowledge Technologies / College of Arts / University of Mosul
3. Course Name/Code	Subjective Data processing
4. Programmes in which it isincluded	annual / the second
5. Available Attendance Forms	Lectures
6. Semester/Year	2023/2024
7. Total Number of Hours	7
8. Description Preparation Date	1/4/2024

9. Aims of the Programmer:
:
1. 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.
2. Formulating and installing subject headings and dealing with the objective content of various information sources

10. Learning Outcomes, Teaching, Learning and Assessment Methods

Teaching and Learning Methods:

1. The lecture
2. Practical lectures
3. Dialogue and interaction
4. Constructive criticism
5. Brainstorming
6. Knowledge maps

Assessment Methods

1. Cognitive assessment
2. Skills assessment
3. Creative evaluation
4. Self-evaluation

Thinking Skills

1. Critical thinking skills
2. Creative thinking skills
3. Analytical thinking skills

General and Transferable Skills (other skills relevant to employability and personal development)

1. Presentation skills
2. Research and investigation skills

11. Course Structure

Week	Number of Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.		**Objective indexing/topic headings (concept, objectives, importance)**			
2.		**The relationship between subject headings and classification/topical index**			

		(its types)	2	
3.		The theory of subject headings, precursors, Cutter's rules and its followers		
4.		Principles for choosing topic headings		
5.		Drafting subject headings		Lectures and students presentation
6.		Segmentation of subject headings/examples of segmentation		
		Building referrals/punctuation		
7.		Arrangement of subject headings in the subject index		
8.		Arrange the partitions		
9.		Practical exercises		
10.		Duplicate headings / number of subject headings for one work		

11.		**The relationship between descriptors and subject headings**		
12.		**Objective description fields according to MARC 21 record**		
13.		**Subject entry: persons / bodies / unified title / subject term / geographical area / unrestricted subject**		
14.		**Practical applications**		
15.		**Objective indexing/topic headings (concept, objectives, importance)**		
16.		**The relationship between subject headings and classification/topical index (its types)**		
17.		**The theory of subject headings, precursors, Cutter's rules and its followers**		
18.		**Principles for choosing topic headings**		

19.		**Drafting subject headings**	
20.		**Segmentation of subject headings/examples of segmentation**	
21.		**Building referrals/punctuation**	
22.		**Arrangement of subject headings in the subject index**	
23.		**Arrange the partitions**	
24.		**Practical exercises**	
25.		**Duplicate headings / number of subject headings for one work**	
26.		**The relationship between descriptors and subject headings**	
27.		**Objective description fields according to MARC 21 record**	
28.		**Subject entry: persons / bodies / unified title / subject term / geographical**	

		area / unrestricted subject			
29.		**Practical applications**			
30.		**Objective indexing/topic headings (concept, objectives, importance)**			

12. Infrastructure	
Required readings: • Course books • Other	**1. Subject indexing: a study in Arabic subject headings / Muhammad Fathi Abdel Hadi. - 2nd edition, expanded and revised.** **2. Modern trends in indexing: AACR2, RDA, MARC21/ Wasfi Arif Al-Shaloul, scientific review by Muhammad Al-Anaswa, Muhammad Al-Naqrash. - Amman: Jordan Library and Information Association, 2017** 3.Resources and links for the plays are providedto students via: Google classroom
Special Requirements	There is no comprehensive textbook available because the material is complex
Social services (including, for example, guest lectures, professional training, and field studies)	The material is included in the programs of trining courses and department workshops

13. Admissions	
Prerequisites	subjective cataloging for the first stage of the bachelor's degree
The smallest number of students	10
The largest number of students	35

Course Description Form

Reviewing the Performance of Higher Education Institutions ((Academic Program Review))

This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

1. Teaching Institution	**University of Mosul**
2. University Department/Centre	**Department of Information and Knowledge Technologies / College of Arts / University of Mosul**
3. Course Name/Code	Scientific research ethics and intellectual property
4. Programmes in which it isincluded	Bachelors\ annual \ The second
5. Available Attendance Forms	Lectures
6. Semester/Year	**2023/2024**
7. Total Number of Hours	**2**
8. Description Preparation Date	**1/4/2024**
9. Aims of the Programme: Analyzing and drawing up information policies concerned with the ethics of scientific research and intellectual property in the information age	

10. Learning Outcomes, Teaching, Learning and Assessment Methods

Teaching and Learning Methods

1. The lecture
2. Dialogue and interaction
3. Constructive criticism
4. Brainstorming
5. Knowledge maps

Assessment Methods

1. Cognitive assessment
2. Skills assessment
3. Creative evaluation
4. Self-evaluation

Thinking Skills

1. Critical thinking skills
2. Creative thinking skills
3. Analytical thinking skills

General and Transferable Skills (other skills relevant to employability andpersonal development)

1. Presentation skills
2. Research and investigation skills

11. Course Structure

Week	Numberof Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.			The concept of scientific research ethics		
2.			Characteristics of a scientific researcher		
3.			Summary of scientific research ethics		

1

4.		Professional ethics for workers in information institutions		
5.		Code of ethics for workers in information institutions	**Lectures and students presentation**	
6.		Principles of the Ethical Code and its general rules		
7.		Clauses of the ethical charter		
8.		Procedures and mechanisms for announcing the charter		
9.		The ethical and legislative framework for exchanging information between reality and expectations		
10.		Ethical framework in the information society		
11.		Semester test		
12.		Justifications for developing an ethical constitution		

		for the library and information profession		
13.		Code of ethics for library and information professionals		
14.		Ethical values that must be possessed by library and information specialists		
15.		Periodic review of the material		
16.		Ethics of dealing with the Internet		
17.		The changing role of the information professional in the digital environment		
18.		Documenting scientific research		
19.		Methods of documenting scientific research		
20.		Creative Commons licenses		

21.		Types and importance of Creative Commons licenses	
22.		Advantages and disadvantages of Creative Commons licenses	
23.		Introducing the concept of intellectual property	
24.		Intellectual property departments	
25.		Semester test	
26.		Reasons for interest in the issue of intellectual property	
27.		Intellectual property in the Internet environment	
28.		Forms and methods of infringement of intellectual property rights	
29.		Methods and methods of protection against forms of	

		infringement of intellectual property rights	
30.		Information necessary for rights management	

12. Infrastructure	
Required readings: • Course books • Other	**1-Protecting the intellectual property of books published in the Internet environment / Dima Aydin Jalal - Master's thesis 2016** **2- Information Ethics / Shaaban Khalifa and others - 2013** **3- What do you know about Creative Commons licenses / Hardo Center for Supporting Digital Expression** **4- Ethics of scientific research / Mona Tawakkol Al-Sayed - 2013**
Special Requirements	Nothing
Social services (including, for example, guest lectures, professional training, and field studies)	Introduction of the subject of ethics of scientific research and intellectual property in panel discussions and seminars in the department

13. Admissions	
Prerequisites	Nothing
The smallest number of students	10 students
The largest number of students	35 students

Course Description Form

Reviewing the Performance of Higher Education Institutions ((Academic Program Review))

This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

1. Teaching Institution	University of Mosul
2. University Department/Centre	College of Arts /French Department
3. Course Name/Code	The crimes of the Baath regime in Iraq
4. Programmes in which it isincluded	2nd class- Bachelor's
5. Available Attendance Forms	Lectures
6. Semester/Year	2023/2024
7. Total Number of Hours	2
8. Description Preparation Date	25/9/2023

9. Aims of the Programme:
Introducing students to the history of Iraq during the era of the Baath regime and the heinous crimes committed by this regime against the Iraqi people and what resulted from them.

10. Learning Outcomes, Teaching, Learning and Assessment Methods

Teaching and Learning Methods

1. The lecture
2. Dialogue and interaction
3. Constructive criticism
4. Brainstorming
5. Knowledge maps

Assessment Methods

1. Cognitive assessment
2. Skills assessment
3. Creative evaluation
4. Self-evaluation

Thinking Skills

1. Critical thinking skills
2. Creative thinking skills
3. Analytical thinking skills

General and Transferable Skills (other skills relevant to employability and personal development)

1. Presentation skills
2. Research and investigation skills

11. Course Structure

Week	Number of Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.			The crimes of the Baath regime according to the law of the Iraqi Supreme Criminal Court in 2005 AD		

1

2.			The concept of crimes and their categories	**Lectures and students presentation**
3.			Definition of crime linguistically and terminologically	
4.			Crimes sections 2	
5.			The crimes of the Baath regime according to the documentation of the law of the Supreme Iraqi Criminal Court in 2005 AD..	
6.			Types of international crimes:	
7.			Decisions issued by the Supreme Criminal Court.	
8.			Psychological crimes	
9.			Semester exam	
10.			Mechanisms of psychological crimes.	
11.			Psychological effects of crimes	
12.			Militarization of society	
13.			The Baathist regime's position on religion	
14.			Pictures of human rights violations and crimes of power.	
15.			Prison and detention places of the Baath regime	
16.			Environmental crimes of the Baath regime in Iraq	
17.			Military and radiation pollution	
18.			Mine explosion	
19.			Destruction of cities and villages	
20.			Drying the marshes	

21.		Demolishing palm groves, trees and crops
22.		Mass grave crimes
23.		Incidents of genocide graves committed by the Baathist regime in Iraq
24.		Chronological classification of genocide graves in Iraq for the period 1963 AD - 2003 AD
25.		(scorched earth policy)
26.		Crimes of the Baathist authority in Iraq, Part 1
27.		Crimes of the Baathist authority in Iraq, Part 2
28.		Crimes of the Baathist authority in Iraq, Part 3
29.		Tenth semester exam
30.		A comprehensive review of the book

12. Infrastructure

Required readings: • Course books • Other	Resources and links for the plays are provided to students via: Google classroom 1- Hussein Aliwi Al-Zayadi, Abbas Atiya Al-Quraishi, environmental crimes of the Baath regime in Iraq 2- Ali Hanoush, Iraq: Present Problems and Future Options
Special Requirements	
Social services (including, for example, guest lectures, professional training, and field studies)	

13. Admissions

Prerequisites	4
The smallest number of students	
The largest number of students	

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

Course Description Form

Reviewing the Performance of Higher Education Institutions ((Academic Program Review))

This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

1. Teaching Institution	**University of Mosul**
2. University Department/Centre	**Department of Information and Knowledge Technologies / College of Arts / University of Mosul**
3. Course Name/Code	**Information economics and marketing_ class two**
4. Programmes in which it isincluded	**Bachelor's Annual system/_stage second**
5. Available Attendance Forms	**Lectures**
6. Semester/Year	**2023/2024**
7. Total Number of Hours	**4**
8. Description Preparation Date	**1/4/2024**

9. Aims of the Programme: **Identifying the economics of information, identifying the needs of entities that benefit from information and entities that generate and produce information, determining their method and the amount of information produced,**

promoting information culture, increasing awareness, devoting values that support building a sound information society, and employing available capabilities to serve decision makers.

10. Learning Outcomes, Teaching, Learning and Assessment Methods
Teaching and Learning Methods
1. The lecture 2. Dialogue and interaction 3. Constructive criticism 4. Brainstorming 5. Knowledge maps
Assessment Methods
1. Cognitive assessment 2. Skills assessment 3. Creative evaluation 4. Self-evaluation
Thinking Skills
1. Critical thinking skills 2. Creative thinking skills 3. Analytical thinking skills
General and Transferable Skills (other skills relevant to employability andpersonal development)
1. Presentation skills 2. Research and investigation skills

11. Course Structure

Week	Numberof Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.			**What is information _**		

			data _ information_ types of information	
2.			_The importance of information_ characteristics of information and dimensions of its quality	
3.			the information cycle _Knowledge_ The difference between data, information and knowledge	
4.			Characteristics of knowledge _Sources of knowledge_ classification of knowledge_ wisdom	
5.			Information economy _value of information	Lectures and students presentation

		_value added and its interpretations _information sector	
6.		Problems in defining and measuring the information	
7.		sector - the information revolution	
8.		the concept of the information industry	
9.		the emergence of the information industry	
10.		The information-based economy	
11.		the emergence of information economics	
12.		the concept of	

			the term information economics	
13.			**Information _Objectives of Information Economics**	
14.			**The First Generation in Information Economics**	
15.			**The importance of studying the information economy**	
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

12. Infrastructure

Required readings: • Course books • Other	Resources and links for the plays are providedto students via: Google classroom
Special Requirements	تقنيات و مستلزمات مستخدمة في التعليمThere is no systematic book available, but it consists of a group of articles as the topic is new.
Social services (including, for example, guest lectures, professional training, and field studies)	

13. Admissions	
Prerequisites	No find request former
The smallest number of students	10
The largest number of students	35

Course Description Form

Reviewing the Performance of Higher Education Institutions ((Academic Program Review))

This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

1. Teaching Institution	**University of Mosul**
2. University Department/Centre	**Department of Information and Knowledge Technologies / College of Arts / University of Mosul**
3. Course Name/Code	**English language**
4. Programmes in which it isincluded	
5. Available Attendance Forms	**Lectures**
6. Semester/Year	**2023/2024**
7. Total Number of Hours	**60**
8. Description Preparation Date	**1/4/2024**

9. Aims of the Programme:
1. Identify the main parts of a sentence and its structure.
2. Understanding tenses: their formation and function.
3. Developing vocabulary through reading comprehension.
4. Developing communication skills.
5. Identify main and auxiliary verbs.

10. Learning Outcomes, Teaching, Learning and Assessment Methods

Teaching and Learning Methods

1. The lecture
2. Dialogue and interaction
3. Constructive criticism
4. Brainstorming
5. Knowledge maps

Assessment Methods

1. Cognitive assessment
2. Skills assessment
3. Creative evaluation
4. Self-evaluation

Thinking Skills

1. Critical thinking skills
2. Creative thinking skills
3. Analytical thinking skills

General and Transferable Skills (other skills relevant to employability andpersonal development)

1. Presentation skills
2. Research and investigation skills

11. Course Structure

Week	Numberof Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.	2	Students become able to learn tenses, develop their vocabulary through reading comprehension, develop	The structure of the sentence		
2.	2		The present simple		
3.	2		The present continuous		
4.	2		Exercises		

5.	2	communication skills, come across the main parts of the verb, and learn the process of word formation. Students also learn the formation of negative and question forms of the sentence in English.	Collocations	Lectures and students presentation	Quiz and monthly exams
6.	2		Questions		
7.	2		Reading comprehension		
8.	2		Quiz activity		
9.	2		Making conversation		
10.	2		Vocabulary development		
11.	2		Parts of speech		
12.	2		Social expressions		
13.	2		Have/have got		
14.	2		Monthly exam		
15.	2		Review and practice		
16.	2		The past simple		
17.	2		The past continuous		
18.	2		Negatives and questions		
19.	2		Exercises and practice		
20.	2		Word formation		
21.	2		Articles: definite and indefinite		
22.	2		Reading comprehension		
23.	2		Some, any, many, much		
24.	2		Reading comprehension		
25.	2		Quiz		

26.	**2**		Types of verbs	
27.	**2**		Reading comprehension	
28.	**2**		Vocabulary development: readings	
29.	**2**		Monthly exam	
30.	**2**		Review and practice	

12. Infrastructure	
Required readings: • Course books • Other	Soars John and Soars Liz **New Headway**. Oxford University Press
Special Requirements	--------------
Social services (including, for example, guest lectures, professional training, and field studies)	--------------

13. Admissions	
Prerequisites	-------
The smallest number of students	10
The largest number of students	35

3

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

Course Description Form

> ## Reviewing the Performance of Higher Education Institutions ((Academic Program Review))

> **This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.**

1. Teaching Institution	**University of Mosul**
2. University Department/Centre	**Department of Information and Knowledge Technologies / College of Arts / University of Mosul**
3. Course Name/Code	Administrator of information institutions
4. Programmes in which it is included	**Annual Bachelor's degree,second stage**
5. Available Attendance Forms	**Lectures**
6. Semester/Year	**2023/2024**
7. Total Number of Hours	
8. Description Preparation Date	20/2/2024
9. Aims of the Programme: The course aims to introduce students to the types of libraries according to the nature of the community they serve	

10. Learning Outcomes, Teaching, Learning and Assessment Methods

Teaching and Learning Methods

1. The lecture
2. Dialogue and interaction
3. Constructive criticism
4. Brainstorming
5. Knowledge maps

Assessment Methods

1. Cognitive assessment
2. Skills assessment
3. Creative evaluation
4. Self-evaluation

Thinking Skills

1. Critical thinking skills
2. Creative thinking skills
3. Analytical thinking skills

General and Transferable Skills (other skills relevant to employability andpersonal development)

1. Presentation skills
2. Research and investigation skills

11. Course Structure

Week	Numberof Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.		**The concept of the national library**			
2.			**National**		

			library jobs	
3.			**The organizational and administrative structure of the National Library**	
4.			**Legal deposit**	
5.			**Examples of international national libraries**	Lectures and students presentation
6.			**The concept of university libraries**	
7.			**The importance of university libraries**	

8.			**Objectives and duties of university libraries**	
9.			**Office formation at the university level**	
10.			**The concept of a specialized library**	
11.			**Specialized library jobs**	
12.			**Features of the specialized library**	
13.			**Basic components of specialized libraries**	

14.		**Specialized library services**		
15.		**a test**		
16.		**The concept of public libraries and their importance**		
17.		**Objectives of public libraries**		
18.		**Public library building**		
19.		**Organizing public libraries**		
20.		**Office group**		

21.		**Workforce in public libraries**
22.		**Public library services**
23.		**The concept of school libraries and their goals**
24.		**School library jobs**
25.		**Components of school libraries**
26.		**The concept of office collaboration**
27.		**Obstacles to cooperation**

			between libraries	
28.			**What are digital libraries?**	
29.			**Advantages of the digital library**	
30.			**a test**	

12. Infrastructure	
Required readings: • Course books • Other	Muhammad Odeh Aliwi, Majbal Lazem Al-Maliki, Specific Libraries Mohamed Diab Children's libraries in the information age Internet sources
Special Requirements	
Social services (including, for example, guest lectures, professional training, and field studies)	By conducting field visits to university libraries and the public library as part of the department's activities

13. Admissions

Prerequisites	
The smallest number of students	10
The largest number of students	35

Course Description Form

Reviewing the Performance of Higher Education Institutions ((Academic Program Review))

This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

1. Teaching Institution	**University of Mosul**
2. University Department/Centre	**Department of Information and Knowledge Technologies / College of Arts / University of Mosul**
3. Course Name/Code	**Arabic Language - Second Stage**
4. Programmes in which it isincluded	Bachelor's - Second Stage
5. Available Attendance Forms	**Lectures**
6. Semester/Year	**2023/2024**
7. Total Number of Hours	**30**
8. Description Preparation Date	**1/4/2024**
9. Aims of the Programme: The goal of teaching the Arabic language is to enable the student to use the rules of the Arabic language correctly and avoid falling into verbal and spelling errors, in addition to developing the student's literary taste so that he realizes the aesthetic aspects of speech styles.	

10. Learning Outcomes, Teaching, Learning and Assessment Methods: **Reaching a level of understanding and awareness of the concepts of the scientific subject and the ability to answer the questions raised and analyze them to reach the desired result of the lecture.**

Teaching and Learning Methods

1. The lecture
2. Dialogue and interaction
3. Constructive criticism
4. Brainstorming
5. Knowledge maps

Assessment Methods

1. Cognitive assessment
2. Skills assessment
3. Creative evaluation
4. Self-evaluation

Thinking Skills

1. Critical thinking skills
2. Creative thinking skills
3. Analytical thinking skills

General and Transferable Skills (other skills relevant to employability andpersonal development)

1. Presentation skills
2. Research and investigation skills

11. Course Structure

Week	Numberof Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.	1	**The concept of human rights**.	Introductio n to the Arabic language and its sciences		
2.	1	1- Identify the importance of the Arabic language and its sciences	**Sections of Arabic speech**	1-Explanation 2- Questions 3-Exam 4-Participation 5-Analysis	6- Preparation 7-Interaction 8-Answers 9-Attendance

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No.	Hrs	Learning outcomes	Topic	Method
3.	1	2- Knowledge of grammatical rules 3- Introducing the most prominent linguistic and literary works 4- Practice writing and speaking in classical Arabic 5- Writing literary articles in proper language 6- Detecting linguistic errors contained in texts and correcting them 7- Training the student on the art of oral delivery on occasions	**Verbs/past tense**	**Lectures and students presentation**
4.	1		**The present tense**	
5.	1		**Do the thing**	
6.	1		**Exam**	
7.	1		punctuation marks	
8.	1		Complementary punctuation	
9.	1		The sentence and its construction in the Arabic language	
10.	1		**Types of the subject and its provisions**	
11.	1		**Exam**	
12.	1		Types and types of news	
13.	1		**Imperfect verbs**	
14.	1		**The letters are already suspicious**	
15.	1		**Exam**	
16.	1		Rules for writing hamza	
17.	1		Medium and extreme hamza	
18.	1		Interrogative style	
19.	1		**The open tā' and the marubat tā'**	
20.	1		**Exam**	
21.	1		Rainy holiday	
22.	1		**The difference between dha and dha**	
23.	1		**Traits of good style**	
24.	1		The art of letters	
25.	1		Exam	
26.	1		Rainy holiday	
27.	1		The difference between dha and	

			dha		
28.	1		Traits of good style		
29.	1		The art of letters		
30.	1		Exam		

12. Infrastructure	
Required readings: • Course books • Other	☐ **The rapporteur wrote: The rapporteur wrote: Ibn Aqeel's commentary, along with the book The Scholarship of the Galilee, edited by Ibn Aqeel's explanation - written by: Abdullah bin Aqeel Al-Uqaili - edited by: Muhammad Muhyiddin Abd al-Hamid** ☐ **Others: Summary of Arabic Grammar / Fouad Nehme.** ☐ _ **Basics of the Arabic language, grammar and application.**
Special Requirements	
Social services (including, for example, guest lectures, professional training, and field studies)	

13. Admissions	
Prerequisites	
The smallest number of students	**10 students**
The largest number of students	**25 students**