

Course Description Form

1. Course Name: Antiquities of the Ancient Near East – Egypt and al Sham					
University of Mosul / College of Archaeology					
2. Course Code: Antiquities of the Ancient Near East – Egypt and al Sham					
3. Semester / Year: First semester					
2024-2025					
4. Description Preparation Date:					
1/10/2024					
5. Available Attendance Forms:					
Time and place specified according to the department's weekly schedule (for attendance)					
6. Number of Credit Hours (Total) / Number of Units (Total)					
15 hours					
7. Course administrator's name (mention all, if more than one name)					
Name: oday Abdulwaheb Abdulla					
Email: oday.abdulwaheb@uomosul.edu.iq					
8. Course Objectives					
Working on students acquiring a historical background about the civilizations neighboring Mesopotamia, represented by Elam and Anatolia..					
9. Teaching and Learning Strategies					
Strategy		Explanation Brainstorming Dialogue and discussion Quick test. Explaining the difference between the types of crimes, old and modern.			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
First	2	Physical and climatic geography	Physical and climatic geography	Theoretical	Share and exchange opinion Explanation Explanation Explanation
Second	2	Sources for study	Sources for study	Theoretical	
Third	2	ancient Egypt history	ancient Egypt history	Theoretical	
Fourth	2	Material sources	Material sources	Theoretical	
Fifth	2	Stone Ages	Stone Ages	Theoretical	
	2	A study of the antiquities	A study of the antiquities		

Sixth	2	and history of Egypt	and history of Egypt	Theoretical	Explanation
Seventh	2	A study of the antiqui	A study of the antiqui	Theoretical	Explanation
Eighth	2	and history of Egypt	and history of Egypt	Theoretical	Explanation
Ninth	2	A study of the antiqui	A study of the antiqui	Theoretical	Explanation
Tenth	2	and history of Egypt	and history of Egypt	Theoretical	Explanation
Eleventh	2	Physical and clim	Anatolian history	Theoretical	Explanation
Twelfth	2	geography		Theoretical	Explanation
Thirteen	2	Physical and clim	Anatolian history	Theoretical	Explanation
Fourteen	2	geography		Theoretical	Explanation
Fifteenth	2			Theoretical	Explanation
Sixteenth	2			Theoretical	Explanation

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Reviewing books related to the curriculum, such as the history of ancient Egypt, the history of the Pharaohs, books or source about ancient Egypt, and the history of the Levant.
Main references (sources)	Reviewing books related to the curriculum, such as the history of ancient Egypt, the history of the Pharaohs, books or source about ancient Egypt, and the history of the Levant.
Recommended books and references (scientific journals, reports...)	Read many recent books and articles
Electronic References, Websites	Read many recent books and articles

oday abdulwaheb abdulla

ا.م.د. معاذ حبش خضير
رئيس قسم اللغات العراقية
القديمة

٢٠١٩/١١/١١

Course Description Form

1. Course Name: Antiquities of the Ancient Near East Iran and Anatolia	
2. Course Code: Antiquities of the Ancient Near East – Anatolia and Elam	
3. Semester / Year: 2024-2025	
4. Description Preparation Date: 1/10/2024	
5. Available Attendance Forms:	
Time and place specified according to the department's weekly schedule (full attendance)	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours	
7. Course administrator's name (mention all, if more than one name)	
Name: oday Abdulwaheb Abdulla	
Email: oday.abdulwaheb@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> • Working on students acquiring a historical background about civilizations neighboring Mesopotamia, represented by Elam and Anatolia..
9. Teaching and Learning Strategies	
Strategy	Explanation Brainstorming Dialogue and discussion Quick test. Explaining the difference between the types of crimes, old and modern.

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
First	2	Physical and climatic geography	Physical and climatic geography	Theoretical	Share and exchange
Second	2	Sources for study	Sources	Theoretical	opinions
Third	2	ancient Iranian history	studying ancient Iranian history	Theoretical	Explanation
Fourth	2	Material sources	Material sources	Theoretical	Explanation
Fifth	2	Stone Ages	Stone Ages	Theoretical	Explanation
Sixth	2	A study of the antiquities and history of Shusha	A study of antiquities	Theoretical	Explanation
Seventh	2	the Alamites	history of Shusha and the Alamites	Theoretical	Explanation
Eighth	2	A study of the antiquities and history of Shusha	A study of antiquities	Theoretical	Explanation
Ninth	2	the Alamites	history of Shusha and the Alamites	Theoretical	Explanation
Tenth	2	A study of the antiquities and history of Shusha	A study of antiquities	Theoretical	Explanation
Eleventh	2	the Alamites	history of Shusha and the Alamites	Theoretical	Explanation
Twelfth	2	Physical and climatic geography	A study of antiquities	Theoretical	Explanation
Thirteenth	2	Physical climatic geography	history of Shusha and the Alamites	Theoretical	Explanation
Fourteenth	2		Anatolian history		
Fifteenth	2				
Sixteenth	2				

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Ancient Eastern History, a methodical book Review books related to the method, such as the history of Greece and Rome books on the history of Iran
Main references (sources)	Ancient Eastern History, a methodical book Review books related to the method, such as the history of Greece and Rome books on the history of Iran
Recommended books and references (scientific journals, reports...)	Read many recent books and articles
Electronic References, Websites	Read many recent books and articles

oday abdulwaheb abdulla

ا.م.د. مهناذ حيش خضير
رئيس قسم اللغات العراقية
القديمة

Course Description Form

١. Course Name: Geoarcgeology					
٢. Course Code:					
٣. Semester / Year: 2024/2025					
٤. Description Preparation Date: 1/10/2024					
٥. Available Attendance Forms: presence					
٦. Number of Credit Hours (Total) / Number of Units (Total)					
Three hours per weak					
٧. Course administrator's name (mention all, if more than one name)					
Name: Dr. Bashar Muneer Yahya					
Email: bashar1974@uomosul.edu.iq					
٨. Course Objectives					
Course Objectives			<ul style="list-style-type: none"> ● Learn about the basics of archeology..... ● Familiarity with modern technologies on wh this science depends ● Study examples of local and internatic historical sites 		
٩. Teaching and Learning Strategies					
Strategy					
١٠. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
		-General introduction -The role of remote sensing -Sensitivity		Power point	

		archaeological geology -Modern methods archaeological discovery -Magnetic method -Electric method -Examples historical sites revealed using geoarchaeological techniques			
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١١. Course Evaluation

Annual pursuit 40 degrees

10 marks daily exams

5 grades assignments


15 marks for semester exams


Final exam: 60 marks

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

١٢. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Practical and theoretical geoarchaeology
Main references (sources)	Geoarchaeology: the earth-science approach archaeological interpretation
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	


 د.م.م. هادي حبيب خضير
 رئيس قسم اللغات العراقية
 القديمة


 د.م.م. هادي حبيب خضير

1. Course Name: : Ancient Sumerian texts (historical)					
2. Course Code :					
3. Semester / Year: Chapter one					
4. Description Preparation Date: 1/10 /2024					
5. Available Attendance Forms: The time and place specified according to the department's weekly schedule					
6. Number of Credit Hours (Total) : 45/ Number of Units (Total) : 3					
7. Course administrator's name					
Name: shaymaa Waleed abdo Al-rahman					
Email: shymaawaleed@uomosul.edu.iq					
8. Course Objectives					
Course Objectives			View selected cuneiform texts from Different Sumerian eras. – Training students to deal with the Sumerian cuneiform text – Optimal methods for reading, analyzing and translating Sumerian texts.		
9. Teaching and Learning Strategies					
Strategy		At this stage, the student must know how to analyze nominal and verbal sentences within the rules of the Sumerian language and distinguish between them			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	3	Text of	Sumerian royal writings	Theoretical -	Participation of

		Entimna, first column		reading, analyzing and translating	students in grammatical re-analysis of the text
the second	3	Intimna text first column	Sumerian royal writings	Theoretical - reading, analyzing and translating	Assignments + written exam
the third	3	Intimna text, second column	Sumerian royal writings	Theoretical - reading, analyzing and translating	feedback
the fourth	3	Intimna text, third column	Economic texts	Theoretical - reading, analyzing and translating	Participation of students in grammatical re-analysis of the text
Fifth	3	Intimna text, four column	Economic texts	Theoretical - reading, analyzing and translating	Participation of students in grammatical re-analysis of the text
VI	3	Intimna text, five column	Economic texts	Theoretical - reading, analyzing and translating	Duty assignment

Seventh	3	Intimna text, six column	Economic texts	Theoretical - reading, analyzing and translating	Participation of students in grammatical re- analysis of the text
VIII	3	Intimna text seven column	Economic texts	Theoretical - reading, analyzing and translating Theoretical - reading, analyzing and translating	Participation of students in grammatical re- analysis of the text
Ninth	3	Intimna text, eight column	Economic texts	Theoretical - reading, analyzing and translating	Conduct a written exam
The tenth	3	The text Enatum the first column	Economic texts	Theoretical - reading, analyzing and translating	Duty assignment
eleventh	3	The text Enatum the two column	Economic texts	Theoretical - reading, analyzing and translating	Participation of students in grammatical re- analysis of the text
3					

twelveth	3	The text Enatum c the third colu	Economic texts	Theoretical - reading, analyzing and translating	feedback
Thirteenth	3	The text Enatum c the Four column	Economic texts	Theoretical - reading, analyzing and translating	Conduct an oral exam
fourteenth	3	The text Enatum of the five column	Economic texts	Theoretical – reading, analysis and translation cal	Conduct a written exam
Fifth	3	The text Enatum of the six column	Sumerian texts for the second semester	Theoretica	Conduct a written exam

١١. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

١٢. Learning and Teaching Resources

Required textbooks (curricular books, if any)

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Main references (sources)

- ١- Edzard,D,O.,Gudea and his
Dynasty,RimE,Vol.3/1, Toronto , 1997
- ٢- Franyne,D.,Ur III period(2112-
2004)B.C,Vol.I ,Toronto,1998.

Rashid ,F., Sumerian Grammar, Damascus, 2

Recommended books and references (scientific

ZA , ASJ,AUCT-I,II,III, CUSAS.....

journals, reports...)

Electronic References, Websites

cdli , epsd

Course Description Form


د. م. ه. الموسوي


د. م. ه. الموسوي
رئيس قسم اللغات العراقية
القديمة
١١ / ١٠ / ٢٠٢٢

Course Description Form

1. Course Name:	
Conservation and Restoration (Clay Tablets and Inscribed Artifacts)	
2. Course Code:	
3. Semester / Year:	
First semester 2024/2025	
4. Description Preparation Date:	
1/10/2024	
5. Available Attendance Forms:	
In-person	
6. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours	
7. Course administrator's name (mention all, if more than one name)	
Name: PhD. oday Abdullah Ahmed Sami	
Email: : oday_aldabooni@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> The course aims to introduce students to the importance of preserving and restoring artifacts, highlighting their conservation, the beginnings of restoration works, and the development of conservation and restoration techniques in general, with a focus on archaeological artifacts and clay tablets. Equip students with scientific knowledge about artifacts, clay tablets, and archaeological finds, as well as the methods used to preserve, treat, and maintain them. Achieve the educational institution's mission by reflecting its values, enabling students to acquire the necessary experience and skills for employment, and providing a solid foundation for developing and generalizing the academic program. Enhance understanding and performance of skills related to the conservation and

			restoration of artifacts and clay tablets, including their conservation methods, importance, and ensuring their sustainability.		
9. Teaching and Learning Strategies					
Strategy					
10. Course Structure					
We ek	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Understanding The topic	The concept of conservation, restoration, and maintenance.	In-person	Asking questions and discussing them
2	3	Understanding The topic	Stages of maintenance processes.	In-person, illustrative drawings	Asking questions and discussing them
3	3	Understanding The topic	Important concepts: archaeological material, deposits, balance, and shock.	In-person	Assigning the student to prepare a report
4	3	Planning to understand capabilities and knowledge for skill performance	Soil template, field maintenance, organic archaeological materials, porous inorganic archaeological materials, non-porous inorganic archaeological materials, and clay.	In-person, drawings and illustrative images	Assigning student to conduct tests, asking questions, and discussing them
5	3	Planning to understand capabilities and	Metals, and composite archaeological	In-person, drawings	

		knowledge for skill performance	materials, Deterioration factors, primary treatments, on-site maintenance at the excavation site, and preventive maintenance.	and illustrative images	Assigning student to conduct tests, asking questions, and discussing them
6	3	Continuous evaluation and improvement to ensure high-quality standards	The conservator, discoverer conservator, environmental control of the site, and immediate deterioration.	In-person	Assigning the student to prepare a report
7	3	Continuous evaluation and improvement to ensure high-quality standards	Causes of deterioration of pottery and clay artifacts, environmental shock exposure, salts, exposure environment, and deterioration caused by exposure.	In-person, drawings and illustrative diagrams	Assigning student to conduct tests, asking questions, and discussing them
8	3	Understanding The topic	Prevention of environmental shock, principles of treatment and maintenance of clay and pottery artifacts.	In-person	Assigning student to conduct tests, asking questions, and discussing them
9	3	Understanding The topic	Safe exposure methods for clay	In-person, illustrative drawings	Assigning student to conduct tests, asking

			archaeological artifacts, treatment, and maintenance of clay and pottery artifacts.		questions, and discussing them
10	3	Continuous evaluation and improvement to ensure high-quality standards	Immediate maintenance, mechanical treatment, and chemical treatment.	In-person, illustrative drawings	Assigning the student to prepare a report, asking questions, discussing them
11	3	Understanding The topic	Adaptation or final balancing, thorough cleaning and inspection, strengthening, conservation, and maintenance.	In-person, drawings and illustrative images	Assigning student to conduct tests, asking questions, and discussing them
12	3	Understanding The topic	Assembling broken clay and pottery pieces and completing their missing parts, conditions.	In-person, drawings and illustrative diagrams.	Assigning the student to prepare a report, asking questions, discussing them
13	3	Continuous evaluation and improvement to ensure high-quality standards	Stones and their treatment methods, alabaster and marble and their treatment methods.	In-person, drawings and illustrative images	Assigning student to conduct tests, asking questions, and discussing them
14	3	Understanding The topic	Properties of the adhesive used, specific attributes of applying adhesive operations,	In-person, drawings and illustrative images	Assigning student to conduct tests, asking questions, and discussing them


15	3	Understanding The topic	changes occurring during the hardening process, and properties of the adhesive over time fusion and freezing adhesives, solutions unaffected by heat.	In-person, drawings and illustrative images	Assigning student to conduct tests, asking questions, and discussing them
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11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Conservation in Archaeology Practical methods and techniques for the conservation and restoration archaeological artifacts
Main references (sources)	The Theory of Restoration
Recommended books and references (scientific journals, reports...)	The movement of archaeological excavations and challenges
Electronic References, Websites	Various internet websites


 ا.م.د. مهدي حيش خضر
 رئيس قسم اللغات العراقية
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Course Description Form

١. Course Name:					
Old and Medieval Assyrian Texts					
٢. Course Code:					
third level					
٣. Semester / Year:					
The first semester/2024-2025					
٤. Description Preparation Date:					
1/ 10/ 2024					
٥. Available Attendance Forms:					
Attendance daily and according to the weekly schedule					
٦. Number of Credit Hours (Total) / Number of Units (Total)					
30 hours					
٧. Course administrator's name (mention all, if more than one name)					
Name: Ass-Prof. Dr. Mahmood Hamid Ahmed					
Email: mahmmod_hamed@uomosul.edu.iq					
٨. Course Objectives					
Course Objectives			1- Teaching students to read and analyze cuneiform texts dating back to the ancient Assyrian period. 2- Access to different types of texts from this period.		
٩. Teaching and Learning Strategies					
Strategy		Introducing students to the types of Old and Medieval Assyrian texts and knowing the wording of each type so that students can distinguish these texts from each other and how they are retranslated and analyzed.			
١٠. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Learning	Introduction to texts of the Assyrian period	Theoretical examples	Understanding
2	2	Learning	Cuneiform signs	Theoretical examples/daily assignments	Oral/written tests
3	2	Knowledge	Cuneiform signs	Theoretical - examples/daily assignments	Oral/written tests

4	2	Knowledge	Cuneiform signs	Theoretical - examples/daily assignments	Oral/written tests
5	2	Understanding	Cuneiform signs	Theoretical - examples/daily assignments	Oral/written tests
6	2	Understanding	Cuneiform signs	Theoretical - examples/daily assignments	Oral/written tests
7	2	Understanding	Read and translate royal text	Read, analyze and translate	Engaging students in reading with oral exam
8	2	Comprehension	Reading and translating a text of the ruler of Assyria written on the head of a scepter	Read, analyze and translate	Engaging students in reading with oral exam
9	2	Comprehension	Read and analyze the Atman contract for silver	Read, analyze and translate	Engaging students in reading with oral exam
10	2	Comprehension	Read and analyze the delivery contract for barley	Read, analyze and translate	Engaging students in reading with oral exam
11	2	Interpretation	Read and analyze a contract that includes payment of exit tax on flour	Read, analyze and translate	Engaging students in reading with oral exam
12	2	Interpretation	Read and analyze a silver debt contract	Read, analyze and translate	Involving students in reading with written exam
13	2	Analysis	Reading and analyzing a barley delivery contract to several parties	Read, analyze and translate	Engaging students in reading with oral exam
14	2	Analysis	Read and analyze a message	Read, analyze and translate	Involving students in reading and analysis
15	2	Analysis	Review of all types	theoretical	Review

	texts	written exam
١١. Course Evaluation		
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports.		
١٢. Learning and Teaching Resources		
Required textbooks (curricular books, any)	nothing	
Main references (sources)	<p>1- Gwaltney, W.C. The Pennsylvania Old Assyrian Texts. HUCA 3, 1983</p> <p>2- Lewy, H., Old Assyrian Texts in the University Museum. HUCA 40-41, 1969.</p> <p>3- Thomas Hertel and Mogens Trolle Larsen, Old Assyrian Sign List , signs drawn by Klaas Veenhof and René Labat, version, 2006.</p> <p>4- Llop 2018 The Gold- and Silversmith in the Middle Assyrian Documents (What's in a name, AOAT 440).</p> <p>5-Messerschmidt, L., Keilschrifttexte Historischen Inhalts, Leipzig 1911.</p>	
Recommended books and references (scientific journals, reports...)	nothing	
Electronic References, Websites	http://cdli.ucla.edu/?q=cuneiform-digital-library-preprints	

١٣.٣. د. معاذ حبش

د.م.د. معاذ حبش خضير
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القديمة

١٣.٣. د. محمود حامد

Course Description Form

١. Course Name:					
Cuneiform writings Lexicon / Stage third					
٢. Course Code:					
٣. Semester / Year:					
Course / First semester					
٤. Description Preparation Date:					
1\10\2024					
٥. Available Attendance Forms:					
Attendance is complete					
٦. Number of Credit Hours (Total) / Number of Units (Total)					
30 hours					
٧. Course administrator's name (mention all, if more than one name)					
Name: Asst.Prof.Dr.Ahmed Mayasr Fadhil Email: myasar@uomosul.edu.iq					
٨. Course Objectives					
Course Objectives		<p>١- Introducing students to the types of Sumerian and Akkadian linguistic dictionaries</p> <p>2- Reading, analyzing and translating lexical texts</p> <p>3- Enabling students to distinguish between dialects and their duality.</p>			
٩. Teaching and Learning Strategies					
Strategy	Training students and informing them about the types of linguistic dictionaries and ways to distinguish between their categories, and presenting their forms, in addition to teaching students to read, analyze, and translate cuneiform lexical texts				
١٠. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Types of	Types	theoretical	Conducting o

		dictionaries and their sources	dictionaries		and written tests
2	2	Types of Sumerian and Akkadian dictionaries	Types of lexical texts	theoretical	Conducting oral and written tests
3	2	Types of educational dictionaries and their contents	Educational lexical texts	Theoretical	Conducting oral and written tests
4	2	Standard (revised) and copied lexical texts	Types of dictionaries	Theoretical	Conducting oral and written tests
5	2	Types of lexical chains	Lexical chains	Theoretical	Student participation text analysis oral and written tests
6	2	Lists of types of signs and ways to organize them	Dictionaries of signs	Theoretical	Student participation text analysis oral and written tests
7	2	Lists of topics of vocabulary and their types	Subject dictionaries	Theoretical	Student participation text analysis oral and written tests
8	2	Classification of modern dictionaries and methods of using them	Modern dictionaries	Theoretical	Conducting oral and written tests
9	2	Rules and methods of organizing ancient Sumerian and Akkadian dictionaries	Organizing dictionaries	Theoretical	Student participation text analysis oral and written tests
10	2	Phonetic values and their lexical	Logogram symbols and values	theoretical	Student participation


		pronunciation			text analysis oral and written tests
11	2	Sign shapes	Types of signs	Theoretical	
12	2	Brand Names	Types of signs	Theoretical	Student participation text analysis oral and written tests
13	2	Akkadian language interviews	linguistic translation	Theoretical	Conducting o and written tes
14	2	Translation the language corresponding to Sumerian and Akkadian	linguistic translation	Theoretical	Feedback
15	2	General review and preparation for semester exams		Theoretical	Feedback Written Exam

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12. Learning and Teaching Resources

Required textbooks (curricular books if any)	nothing
Main references (sources)	1- Sumerian Dictionary Materials MSL 2- Dictionary: A Guide to Akkadian Writings: Signs Syllabaries, Symbols MDA 3-: Dictionary of Mesopotamian Signs 4- (AOAT 305), MesZL
Electronic References, Websites	ePSD = http://psd.museum.upenn.edu/epsd/nepsd-frame.html DCCLT = Digital Corpus of Cuneiform Lexical Texts http://oracc.museum.upenn.edu/dcclt/signlists/signlists


د. م. د. حش خضر


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رئيس قسم اللغات العراقية
القديمة

٢٠٢٤ / ١٠ / ١٠

Course Description Form

1. Course Name:	
Conservation and Restoration (Buildings and Archaeological Artifacts)	
2. Course Code:	
3. Semester / Year:	
Second semester 2024/2025	
4. Description Preparation Date:	
1/2/2025	
5. Available Attendance Forms:	
In-person	
6. Number of Credit Hours (Total) / Number of Units (Total)	
45 hours	
7. Course administrator's name (mention all, if more than one name)	
Name: PhD. oday Abdullah Ahmed Sami	
Email: : oday_aldabooni@uomosul.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> • The course aims to introduce students to the importance of preserving and restoring artifacts, emphasizing their conservation, the beginnings of restoration works, and the development of conservation and restoration techniques in general, with a focus on archaeological buildings and artifacts. • Equip students with scientific knowledge about artifacts, historical buildings, and archaeological finds, as well as the methods used to preserve, treat, and maintain them. • Achieve the educational institution's mission by reflecting its values, enabling students to acquire the necessary experience and skills for employment, and providing a solid foundation for developing and generalizing the academic program. • Enhance understanding and performance of skills related to the conservation and restoration of artifacts, buildings, and archaeological finds, including their

conservation methods, importance, and ensuring their sustainability.

9. Teaching and Learning Strategies

Strategy

10. Course Structure

We ek	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	Understanding The topic	Definition of conservation, restoration, and maintenance - Principles of conservation and restoration - Support project.	In-person	Asking questions and discussing them
2	3	Understanding The topic	Maintenance and restoration of archaeological buildings - Preventive maintenance - Therapeutic maintenance.	In-person, illustrative drawings	Asking questions and discussing them
3	3	Understanding The topic	Conditions of archaeological site formation and the conservation state of artifacts - Architectural elements of archaeological buildings, causes, and manifestations of deterioration.	In-person	Assigning the student to prepare a report
4	3	Planning to understand capabilities and knowledge for skill performance	Causes and manifestations of deterioration in archaeological buildings - Mechanical impact -	In-person, drawings and illustrative images	Assigning studen to conduct tests, asking questions, and discussing them

5	3	Planning to understand capabilities and knowledge for skill performance	Chemical impact. Types and manifestations of deterioration.	In-person, drawings and illustrative images In-person	Assigning student to conduct tests, asking questions, and discussing them
6	3	Continuous evaluation and improvement to ensure high-quality standards	Pollution factors - Biological agents - Types of settlement.	In-person, drawings and illustrative diagrams	Assigning the student to prepare a report
7	3	Continuous evaluation and improvement to ensure high-quality standards	Compression - Crushing - Swelling and cracks (and their types).	In-person	Assigning student to conduct tests, asking questions, and discussing them
8	3	Understanding The topic	Emergency interventions in the restoration of archaeological buildings - Scaffolding - Bracing (types) - Banding.	In-person, illustrative drawings	Assigning student to conduct tests, asking questions, and discussing them
9	3	Understanding The topic	Maintenance and restoration methods - Urgent cases.	In-person, illustrative drawings	Assigning student to conduct tests, asking questions, and discussing them
10	3	Continuous evaluation and improvement to ensure high-quality standards	Medium-risk cases - Reinforcement techniques.	In-person, drawings and illustrative images	Assigning the student to prepare a report, asking questions, discussing them
11	3	Understanding The topic	Completion of regular building materials - Analytical techniques for	In-person, drawings	Assigning student to conduct tests, asking questions, and discussing them

12	3	Understanding The topic	archaeological materials.	and illustrative diagrams.	Assigning the student to prepare a report, asking questions, discussing them
13	3	Continuous evaluation and improvement to ensure high-quality standards	Restoration phases - Key methods used in restoration.	In-person, drawings and illustrative images	Assigning student to conduct tests, asking questions, and discussing them
14	3	Understanding The topic	Restoration of foundations using cushion and brace methods - Walls restoration and completion of missing parts - Treatment of domes and minarets.	In-person, drawings and illustrative images	Assigning student to conduct tests, asking questions, and discussing them
15	3	Understanding The topic	Ensuring continuous protection of archaeological sites - Restoration methods for historical buildings - Direct intervention processes for the site.	In-person, drawings and illustrative images	Assigning student to conduct tests, asking questions, and discussing them
			Completion of missing parts of walls - Treatment cracks - Structural reinforcement of foundations.		

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Conservation in Archaeology Practical methods and techniques for the conservation and restoration archaeological artifacts
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Main references (sources)	The Theory of Restoration
Recommended books and references (scientific journals, reports...)	The movement of archaeological excavations and challenges
Electronic References, Websites	Various internet websites



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