



## Form: Course Syllabus

<b>Form Number</b>	EXC-01-02-02A
<b>Issue Number and Date</b>	2/3/24/2022/2963 05/12/2022
<b>Number and Date of Revision or Modification</b>	2023/10/15
<b>Deans Council Approval Decision Number</b>	265/2024/24/3/2
<b>The Date of the Deans Council Approval Decision</b>	2024/1/23
<b>Number of Pages</b>	06

<b>1. Course Title</b>	<b>Conservation and Restoration of Archaeological Mosaic</b>
<b>2. Course Number</b>	<b>2632452</b>
<b>3. Credit Hours (Theory, Practical)</b>	<b>3</b>
<b>3. Contact Hours (Theory, Practical)</b>	<b>3</b>
<b>4. Prerequisites/ Corequisites</b>	
<b>5. Program Title</b>	<b>BA in Cultural Resources Management and Conservation</b>
<b>6. Program Code</b>	<b>02</b>
<b>7. School/ Center</b>	<b>School of Archaeology and Tourism</b>
<b>8. Department</b>	<b>Cultural Resources Management and Conservation</b>
<b>9. Course Level</b>	<b>2</b>
<b>10. Year of Study and Semester (s)</b>	<b>1st Semester 2024/2025</b>
<b>11. Program Degree</b>	<b>BA</b>
<b>12. Other Department(s) Involved in Teaching the Course</b>	<b>N/A</b>
<b>13. Learning Language</b>	<b>Arabic</b>
<b>14. Learning Types</b>	<input checked="" type="checkbox"/> Face to face learning <input type="checkbox"/> Blended <input type="checkbox"/> Fully online
<b>15. Online Platforms(s)</b>	<input checked="" type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams
<b>16. Issuing Date</b>	
<b>17. Revision Date</b>	<b>01/12/2025</b>

### 18. Course Coordinator:

Name: Prof. Dr.Mahmoud Arinat  
 Contact hours: S,T,Th 11:30-12:30  
 Office number: 111  
 Phone number: 25038  
 Email: m.arinat@ju.edu.jo



## 19. Other Instructors:

Name: Dr.Mahmoud Arinat  
 Office number: 25038  
 Phone number:  
 Email: m.arinat@ju.edu.jo  
 Contact hours: S,T,Th 11:30-12:30

Name:  
 Office number:  
 Phone number:  
 Email:  
 Contact hours:

## 20. Course Description:

As stated in the approved study plan.

The course provides students with information about the different types of mosaic floors during the Roman, Byzantine and Umayyad period in Jordan. It also includes the equipment and materials which are used in the processes of mosaic production. In addition, the course consists of the various processes of mosaic treatment such as diagnosis, examination and planning.

## 21. Program Intended Learning Outcomes: (To be used in designing the matrix linking the intended learning outcomes of the course with the intended learning outcomes of the program)

PILO's	*National Qualifications Framework Descriptors*		
	Competency (C)	Skills (B)	Knowledge (A)
Applies the principles of critical and objective thinking in addressing heritage protection issues.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Identifies and deeply understands problems and challenges, analyzing the complex aspects of heritage and influencing factors, providing comprehensive and detailed assessments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Develops innovation and entrepreneurship skills in the field of heritage resource management, exploring new opportunities for funding and development.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Engages and discusses effectively with local communities and groups interested in heritage, understanding the impact of heritage resources on cultural identity and community development.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Identify, understands, and critically evaluates academic sources, articles, and research related to heritage and its management to extract main ideas and fundamental concepts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



Listens attentively and focused to lectures and discussions, engaging with the presented content thoughtfully and comprehensively.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Selects and critically evaluates information and ideas, independently analyzing data and evidence.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Develops and identifies strategies for problem-solving, applying acquired concepts and skills in practical contexts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Utilizes various digital technologies and tools in managing, documenting, and conserving heritage resources, such as using electronic information management systems and imaging, documentation, and analysis techniques.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Innovates new and creative solutions to the challenges of heritage resource management and conservation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Collects and comprehensively analyzes data and information, extracting main ideas and fundamental concepts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Evaluates results, monitors performance, and analyzes data and information to determine the achievement of goals and identify areas needing improvement and development.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implements effective plans and strategies for managing heritage resources, organizing relevant activities and events.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* Choose only one descriptor for each learning outcome of the program, whether knowledge, skill, or competency.

**22. Course Intended Learning Outcomes:** (Upon completion of the course, the student will be able to achieve the following intended learning outcomes)

Course ILOs #	The learning levels to be achieved						Competencies
	Remember	Understand	Apply	Analyse	Evaluate	Create	
K1. Understand the ancient technologies used to produce mosaic floors.	K1	K1					Knowledge
K2. Know the basic principles of mosaic floors conservation.	K2	K2					Knowledge
S1. Know the steps of	S1	S1					Skills



conserving mosaic floors.							
S2. Identify the deterioration factors that affect the mosaic floors.		S2					Skills
C1. Ability to document the mosaic floors.			C1	C1			Competency
C2. Determine all the mosaic conservation processes.			C2	C2	C2		Competency

**23. The matrix linking the intended learning outcomes of the course -CLO's with the intended learning outcomes of the program -PILOs:**

PILO's * CLO's	1	2	3	4	5	6	7	8	9	10	11	12	13	Descriptors**		
														A	B	C
K1. Understand the ancient technologies used to produce mosaic floors.	*													*		
K2. Know the basic principles of mosaic floors conservation.	*													*		
S1. Know the steps of conserving mosaic floors.							*							*		
S2. Identify the deterioration factors that affect the mosaic floors.											*			*		
C1. Ability to document the mosaic floors.											*					*
C2. Determine all the mosaic conservation processes.											*	*				*

**\*Linking each course learning outcome (CLO) to only one program outcome (PLO) as specified in the course matrix.**

**\*\*Descriptors are determined according to the program learning outcome (PLO) that was chosen and according to what was specified in the program learning outcomes matrix in clause (21).**



## 24. Topic Outline and Schedule:

Week	Lecture	Topic	ILO/s Linked to the Topic	Learning Types (Face to Face/ Blended/ Fully Online)	Platform Used	Synchronous / Asynchronous Lecturing	Evaluation Methods	Learning Resources
1	1.1	Overview and course identification of course						Assignments, participation, presentations and exams.
	1.2	History of mosaic.		K1				
	1.3	History of mosaic.		K1				
2	2.1	Mosaic types.	K1					Text-based resources guest speakers, Mosaic experts
	2.2	Mosaic types.						
	2.3	Mosaic types.						
3	3.1	Ancient technologies used in mosaic production	K1					
	3.2	Ancient technologies used in mosaic production						
	3.3	Ancient technologies used in mosaic production						
4	4.1	Materials used in mosaic production.	K1+K2					
	4.2	Materials used in mosaic production.						
	4.3	Materials used in mosaic production.						
5	5.1	Mosaic conservation terminology.	S1					
	5.2	Mosaic conservation terminology.						
	5.3	Mosaic conservation terminology.						
6	6.1	Deterioration factors and forms of mosaic floors.	S1					
	6.2	Deterioration factors and forms of mosaic floors.						

	6.3	Deterioration factors and forms of mosaic floors.	S1					
7	7.1	Mosaic conservation and restoration methods.	S1+S2					
	7.2	Mosaic conservation and restoration methods.	S1+S2					
	7.3	Mosaic conservation and restoration methods.	S1+S2					
8	8.1	Documentation.	S1+S2					
	8.2	Documentation.	S1+S2					
	8.3	Documentation.	S1+S2					
9	9.1	Examination and diagnosis.	S1+S2					
	9.2	Examination and diagnosis.	S1+S2					
	9.3	Examination and diagnosis.	S1+S2					
10	10.1	Cleaning	S1+S2					
	10.2	Cleaning	S1+S2					
	10.3	Cleaning	S1+S2					
11	11.1	Consolidation.	S1+S2					
	11.2	Consolidation.	S1+S2					
	11.3	Consolidation.	S1+S2					
12	12.1	Protection	S2+C1					
	12.2	Protection	S2+C1					
	12.3	Protection	S2+C1					
13	13.1	Maintenance and monitoring.	S2+C1					
	13.2	Maintenance and monitoring.	S2+C1					
	13.3	Maintenance and monitoring.	S2+C1					
14	14.1	Detaching and lifting methods for mosaic floors.	C2					
	14.2	Detaching and lifting methods for mosaic floors.	C2					
	14.3	Detaching and lifting methods for mosaic floors.	C2					



15	15.1	Detaching and lifting methods for mosaic floors.	C2						
	15.2	Detaching and lifting methods for mosaic floors.	C2						
	15.3	Detaching and lifting methods for mosaic floors.	C2						

## 25. Evaluation Methods:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Evaluation Activity	*Mark wt.	CILO's					
		K1	K2	S1	S2	C1	C2
First Exam	30	*	*				
Second Exam –If any							
Final Exam	50	*	*	*	*	*	*
**Class work							
Projects/reports	20	*	*	*	*	*	*
Research working papers							
Field visits							
Practical and clinical							
Performance Completion file							
Presentation/exhibition							
Any other approved works							
Total 100%	100						

\* According to the instructions for granting a Bachelor's degree.

\*\*According to the principles of organizing semester work, tests, examinations, and grades for the bachelor's degree.



### Mid-term exam specifications table\*

No. of questions/ cognitive level						No. of questions per CLO	Total exam mark	Total no. of questions	CILO/ Weight	CILO no.
Create %10	Evaluate %10	analyse %10	Apply %20	Understand %20	Remember %30					
										<b>K1</b>
										<b>K2</b>
										<b>S1</b>
										<b>S2</b>
										<b>C1</b>
										<b>C2</b>

### Final exam specifications table

No. of questions/ cognitive level						No. of questions per CLO	Total exam mark	Total no. of questions	CILO Weight	CILO no.
Create %10	Evaluate %10	analyse %10	Apply %20	Understand %20	Remember %30					
										<b>K1</b>
										<b>K2</b>
										<b>S1</b>
										<b>S2</b>
										<b>C1</b>
										<b>C2</b>

### 26. Course Requirements:

(e.g.: students should have a computer, internet connection, webcam, account on a specific software/platform...etc.):

Internet, MS teams



## 27. Course Policies:

A- Attendance policies:  
 B- Absences from exams and submitting assignments on time:  
 C- Health and safety procedures:  
 D- Honesty policy regarding cheating, plagiarism, misbehavior:  
 E- Grading policy:  
 F- Available university services that support achievement in the course:  
 All of the mentioned policies and requirements will be followed in all potential cases according to the university regulations and procedure.

## 28. References:

A- Required book(s), assigned reading and audio-visuals:  
 B- Recommended books, materials, and media:  
<https://www.iccrom.org/publication/mosaics-conservation-didactic-material>  
[https://www.getty.edu/conservation/publications\\_resources/teaching/mosaics\\_conservation.html](https://www.getty.edu/conservation/publications_resources/teaching/mosaics_conservation.html)

## 29. Additional information:

--

Name of the Instructor or the Course Coordinator: Prof. Mahmoud Arinat	Signature: .....	Date: 22/10/2025
Name of the Head of Quality Assurance Committee/ Department .....	Signature: .....	Date: .....
Name of the Head of Department .....	Signature: .....	Date: .....
Name of the Head of Quality Assurance Committee/ School or Center .....	Signature: .....	Date: .....
Name of the Dean or the Director .....	Signature: .....	Date: .....