

1	Course title	Conservation and Restoration of Glass and Pottery
2	Course number	2632442
3	Credit hours (theory, practical)	3 (2, 1)
	Contact hours (theory, practical)	3 (2, 1)
4	Prerequisites/requisites	--
5	Program title	B A degree in Cultural Resources Management and Conservation
6	Program code	20
7	Awarding institution	The University of Jordan
8	School	School of Archaeology and Tourism
9	Department	Cultural Resources Management & Conservation
10	Level of course	4
11	Year of study and semester (s)	2018 – 2019 (1 st)
12	Final Qualification	BA
13	Other department (s) involved in teaching the course	--
14	Language of Instruction	Arabic and English
15	Date of production/revision	Production 04/09/2016 Revision 09/09/2018

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Dr Fatma Marii

Phone number: 25039

Email: F.Marii@ju.edu.jo

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Dr Fatma Marii

Phone number: 25039

Email: F.Marii@ju.edu.jo

18. Course Description:

As stated in the approved study plan.

This course focuses on the deterioration of glass and pottery. It also focused on the recent methods and materials used for the restoration and conservation of both materials. Critical issues related to the treatment of corroded glass and glazed surfaces are considered. Practical training is carried out in the laboratory.

19. Course aims and outcomes:**A- Aims:**

- 1) Understanding the ethics and process of conservation and restoration of archaeological glass and pottery.
- 2) Understanding the composition and manufacture of the archaeological glass and pottery.
- 3) Understanding the deterioration of the archaeological glass and pottery.
- 4) Understanding the methods of conservation and restoration of archaeological pottery.
- 5) Understanding the methods of conservation and restoration of archaeological glass.

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to

- 1) Distinguish between the archaeological pottery and glass and the methods of their production.
- 2) Distinguish between the tendency to deterioration of archaeological pottery and glass.
- 3) Distinguish between the different methods for conserving and restoring archaeological pottery *in situ* and in the laboratory.
- 4) Recognize the different methods for conserving archaeological glass and pottery according to their condition.
- 5) Recognize the most suitable environment to preserve the archaeological glass and pottery.

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Conservation ethics and process of conservation & restoration of glass & pottery	1	Dr Fatma Marii	Identify the ethics and process of conservation of archaeological glass & pottery	Discussion during lecture times	See References list
The composition & manufacture of archaeological glass & pottery	2	Dr Fatma Marii	Distinguish between the composition & manufacture of archaeological glass & pottery	Discussion during lecture times	
The factors that effects the deterioration of archaeological glass & pottery.	3	Dr Fatma Marii	Distinguish between the deterioration of archaeological glass & pottery	Discussion during lecture times	
Examination of archaeological glass & pottery	4	Dr Fatma Marii	Identify the methods for examining archaeological glass & pottery	Discussion during lecture times	
Cleaning of archaeological glass & pottery	5	Dr Fatma Marii	Identify the methods for cleaning archaeological glass & pottery	Discussion during lecture times	
Reconstruction of archaeological pottery (Joining & gap filling)	6	Dr Fatma Marii	Identify the methods for joining & gap filling the archaeological pottery	Discussion during lecture times	
Reconstruction of archaeological glass (Joining & gap filling)	7	Dr Fatma Marii	Identify the methods for joining & gap filling the archaeological glass	Discussion during lecture times	

Active and passive stabilization for the archaeological glass & pottery	8	Dr Fatma Marii	Distinguish between the active and passive stabilization for the archaeological glass & pottery	Discussion during lecture times
Conservation & restoration of archaeological pottery <i>in situ</i>	9	Dr Fatma Marii	Distinguish between the conservation & restoration of archaeological pottery <i>in situ</i> & in laboratory	Discussion during lecture times
Documentation of conservation & restoration of archaeological glass & pottery	10	Dr Fatma Marii	Identify writing reports for the conservation & restoration of archaeological glass & pottery	Discussion during lecture times
Practical training for conserving & restoring modern glass & pottery fragments	11	Dr Fatma Marii	Identify the conserving and restoring of archaeological pottery & glass in the laboratory	Training in the laboratory for practical conservation
	12	Dr Fatma Marii		Training in the laboratory for practical conservation
	13	Dr Fatma Marii		Training in the laboratory for practical conservation
	14	Dr Fatma Marii		Training in the laboratory for practical conservation
Discussing the resulted reports	15	Dr Fatma Marii	Identify writing scientific reports	Reports discussion

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

- 1) Theoretical lectures with discussion during the lectures
- 2) Practical Training in the conservation and restoration laboratory
- 3) Students prepare reports for their practical training
- 4) Discussion one of the references concerning the metal conservation
- 5) Providing documentary films and field trips to museums concerning the archaeological glass and pottery conservation

22. Evaluation Methods and Course Requirements:

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

- 1) Students to be committed to attend the most of the theoretical and practical lectures
- 2) Students to participate with the discussion during lectures and practical training
- 3) Midterm and final exams
- 4) Reports of practical training

23. Course Policies:**A- Attendance policies:**

Students cannot be absent more than 15% of the lectures during the course

B- Absences from exams and handing in assignments on time:

Students will be failed if they are absent from exam without any accepted excuse. If assignments are not handed on time, then less marks will be given to the students.

C- Health and safety procedures:

Health and safety procedures are explained clearly before any laboratory training

D- Honesty policy regarding cheating, plagiarism, misbehaviour:

All university regulations will be followed in these cases

E- Grading policy:

Midterm exam 20%, Participating in discussion 10%, Laboratory works and report 30%, Final exam 40%

F- Available university services that support achievement in the course:

University Library, The Archaeological Museum, The Heritage Museum

24. Required equipment: (Facilities, Tools, Labs, Training....)

Smart-Board with PC, conservation and restoration laboratory, e-learning facilities

25. References:**Required book (s), assigned reading and audio-visuals:****Recommended books, materials, and media:**

-Bradley, S. (ed.) 1990

A Guide to the Storage, Exhibition and Handling of Antiquities, Ethnographia and Pictorial Art, London: British Museum.

-Buys, S. & Oakley V. 1999

Conservation and Restoration of Ceramics, Oxford: Butterworth-Heinemann.

-Cronyn, J. 1990
The Elements of Archaeological Conservation, London: Routledge.

-Koob, S. 2006
Conservation and Care of Glass Objects, London: Archetype Publications.

-Oakley V. & Jain, K. 2002
Essentials in the Care and Conservation of Historical Ceramic Objects, London: Archetype Publications.

-Sease, C. 1994
A Conservation Manual for the Field Archaeologist, Los Angeles: University of California, Institute of Archaeology.

26. Additional information:

Name of Course Coordinator: ---Dr Fatma Marii-----Signature: ----- Date: 20/02/2019-

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----