

1	Course title	Conservation of Organic Materials and Manuscripts
2	Course number	2602443
3	Credit hours (theory, practical)	3 (2, 1)
	Contact hours (theory, practical)	3 (2, 1)
4	Prerequisites/corequisites	--
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 and 2 nd)
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	2017

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 deals with the deterioration and conservation of organic materials Cellulosic and protein sources such as wood, textiles, baskets, leather, bone, and ivory. In addition, the course deals with the restoration and treatment of ancient manuscripts paper, papyrus, parchment and leather. The recent techniques for treating and reading burned manuscripts are considered. Practical training is carried out in the Laboratory.

19. Course aims and outcomes:

<p>A- Aims:</p> <ol style="list-style-type: none"> 1) Identifying the different between the organic materials from animal or plant original 2) Identifying the method of preserving the organic finds from the deterioration factors in the museums and in storage. 3) Identifying the method for preserving and restoring the manuscripts in the museums or storages or public libraries. <p>B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to</p> <ol style="list-style-type: none"> 1) Distinguish between the organic and non-organic artefacts, and the organic finds of animal or plant origin. 2) Preserving the organic artefacts from the deterioration factors. 3) Conserving and restoring the organic artefacts according to their conditions and whether they will be in storage or exhibition. 4) Recognize the health and safety procedures during the conservation and restoration of organic artefacts in the laboratory. 5) Recognize the preventive conservation for the modern books and ancient manuscripts during their storing or exhibiting.

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Difference between organic and non-organic materials	1	Dr Fatma Marii	Distinguish between organic and non-organic materials	Discussion during lecture times	See Reference List
Basic types of organic materials according to their origin (Plant)	2	Dr Fatma Marii	Identifying the organic materials of plant origin	Discussion during lecture times	
Basic types of organic materials according to their origin (Animal)	3	Dr Fatma Marii	Identifying the organic materials of animal origin	Discussion during lecture times	
Deterioration of organic materials and how to preserve them in general	4	Dr Fatma Marii	Identify the deterioration of materials	Discussion during lecture times	
Wood: material, decay, method of treatment	5	Dr Fatma Marii	Identify the different types of wood and the method to preserve them	Discussion during lecture times	

Bone and Ivory: material, decay, method of treatment	6	Dr Fatma Marii	Identify the different between ivory and bone	Discussion during lecture times	
Textile (threads and fabrics): material, decay, method of treatment	7	Dr Fatma Marii	Identify the different types of textiles and the methods to preserve them	Discussion during lecture times	
Basketry: material, decay, method of treatment	8	Dr Fatma Marii	Identify the artefacts that are made of basketry	Discussion during lecture times	
Different types of manuscripts	9	Dr Fatma Marii	Identify the different types of manuscripts	Discussion during lecture times	
Methods of preserving and treating manuscripts	10	Dr Fatma Marii	Identify the different methods to preserve the manuscripts	Discussion during lecture times	
Practical training for students in the laboratory to preserve and treat organic artefacts and manuscripts	11	Dr Fatma Marii	Practicing the treatment of decay organic materials and preserve and treat them in the conservation 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	
Handing reports of practical training	15	Dr Fatma Marii		Reports discussions	

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 manuscripts conservation
- 5) Providing documentary films and field trips to museums concerning the organic and manuscripts 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 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, The Manuscripts Centre

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:**

- Frosen, J. 2002, *Conservation and Reconstruction*, in: *The Petra Papyri I*, Amman: American Centre of Oriental Research. Pp: 11 – 16.

Recommended books, materials, and media:

- Cronyn, J. 1990 *The Elements of Archaeological Conservation*, London: Routledge
- Sease, C. 1994 *A Conservation Manual for the Field Archaeologist*, Los Angeles: University of California, Institute of Archaeology.
- Jeyaraj, V. 1999 *Care of Archival Materials*, Thanjavur: Thanjavur Maharaja Sefroji's Sarasvati Mahal Library.
- Bradley, S. (ed.) 1990 *A Guide to the Storage, Exhibition and Handling of Antiquities, Ethnographia and Pictorial Art*, London: British Museum.
- Black, J. (ed) 1987 *Recent Advances in the Conservation and Analysis of Artifacts*, London: University of London, Institute of Archaeology.

26. Additional information:

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Name of Course Coordinator: --- Dr Fatma Marii -----Signature: ----- Date: -18/02/2019-

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

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

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

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