

Site Management Planning and Management of Conservation Projects for professionals

First draft programme for 2016

Ramallah



2016

26 _ 27 September 2016 **UNIT ONE:** Course Opening and Introduction
 28 _ 29 September 2016 **UNIT TWO:** Introduction to Conservation Principles, Theory and History,
 Local & International context

Main Course Instructors: Christine Biggi (CB), Khladoon Bshara (KB), Nazmi Jubeh (NJ)
Opening Session: Fida Touma (FT),

TIME	<i>Monday</i> 26 September	<i>Tuesday</i> 27 September	<i>Wednesday</i> 28 September	<i>Thursday</i> 29 September
11:00–11:30	Registration	Introduction to levels of intervention and <i>mise en valeur</i> of historic buildings (CB)	The structures and fractures of heritage protection in Palestine (KB)	Introduction to historic and architectural development in Palestine (NJ)
11:30–12:15	Official opening session with Riwaq (FT), (CB) & Riwaq			
12:30–13:30	Introduction and background to the course. Participants' introduction (CB)	Values (CB)		Implementing legislative provisions for heritage protection in West Bank /Local laws and regulations (NJ)
13:30–14:00				
14:00–15:30	Participants' Presentations (10 min per PART) (CB)	Introduction to participants' group seminar (practical teamwork exercise) Devising a statement of significance for a heritage place as basis for its conservation Task Assignment (CB)	tour in Qalandiya historic center (KB)	Legislation in Palestine, Israel, region – discussion (NJ)
15:30–16:30				
16:30–17:00				

LECTURE	SITE VISIT/DEMO	LAB SESSION	DISCUSSION/ PRESENTATION	SEMINAR - GROUP WORK (EXERCISE)	OTHER
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Main Course Instructors: [Simone Ricca \(SR\)](#)

TIME	<i>Sunday</i> 2 October	<i>Monday</i> 3 October	<i>Tuesday</i> 4 October
10:00-11:00	Architectural conservation - introduction and principles Introduction to traditional building techniques and materials (SR)	Site Visit to the assigned building Visual inspection and preliminary assessment (SR) Building materials and decay in the Old City of Ramallah	Introduction to the stability of historic buildings(SR)
11:00-12:00			
12:00-13:30	Introduction to the decay of historic materials and structures Preliminary analysis and visual inspection (SR)	Case-study: conservation project in the Old City of Damascus Traditional building materials and technology Restoration techniques & design (SR)	Vaults: geometry and drawing Arches and Vaults: constructive techniques Vaults: stability and design (SR) Closure and discussion with the students (SR)
13:30-14:00			
14:00-15:00	Walk with demos in Old City of Ramallah Visit to an on-going rehabilitation project Visit to a completed project in the Presentation and discussion with the architects in charge and the students (SR)	Debate with students: architectural conservation, concept and practice (SR)	
15:00-16:00			

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Main Course Instructors: [Mario Santana Quantiero](#)

TIME	Wednesday 5 October	Thursday 6 October	Friday 7 October	Saturday 8 October
10:00-11:00	Principles of documentation and recording for historic buildings and sites (MS)	Preparing an elevation for a condition survey (MS)	Update and final processing of measurements collected during the fieldwork (MS)	Finalizing Dossier(MS)
11:00-12:00	Appropriate tools / equipment and techniques for recording and documentation – overview according to criteria (MS)	Tools Introduction – Afternoon: Practice: 3D scanning and Total Station	Presentation of Group Work results (MS)	
12:00-13:30	Site documentation: techniques to prepare a site map, detailed recording and documentation (MS)	Practice: 3D scanning and Total Station (MS)	Documentation: processes in the conservation of historic buildings: case studies (MS)	
13:30-14:00				
14:00-15:00	Strategy building for site documentation and field work (MS)	Documenting results of a condition survey, preparation of an elevation (MS)PART)	Documentation: processes in the conservation of historic buildings: case studies (MS)	presentation of dossier and discussion(MS)
15:00-16:00	Site plan preparation, demo and field work (MS)		Appropriate approaches and choices in documentation and recording - discussion (MS)	

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Main Course Instructors: [Amra Hadžimuhamedović \(AH\)](#),

TIME	<i>Sunday</i> 9 October	<i>Monday</i> 10 October	<i>Tuesday</i> 11 October
11:00-12:00	Theoretical issues: Values, authenticity, significance for the conservation of living heritage; sustainability and value-based approaches (AH)	Introduction to current approaches/ strategies in risk preparedness (AH)	Exercise the theoretical knowledge at the site designated for the case study (AH)
12:00-13:00	Management and monitoring in a World Heritage context (AH)	Introduction to maintenance management programmes, systems and policies (AH)	
13:00-14:30	Introduction to integrated urban conservation and management: site management and planning framework; (AH)	Discussion of participants' seminar (AH, PART)	
14:30-14:50			
15:00-16:00	Working with communities: Communication skills and conflict resolution for the protection of cultural heritage. (AH)	Discussion	

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16 _ 19 October 2016 **UNIT FOUR, Part 5: Historic Structures: Assessing Structural Behaviour of Buildings**
Introduction to Structural Conservation

Main Course Instructors: [Ayman Herzalla](#)

TIME	<i>Sunday</i> 16 October	<i>Monday</i> 17 October	<i>Tuesday</i> 18 October	<i>Wednesday</i> 19 October
11:00- 12:00	History of building techniques with reference to structures in Ramallah and region – overview of typical features and principles (AH)	Methods of investigating structural failures in historic buildings (AH)	Structural failures – experiences and challenges of deciding on appropriate interventions. Case studies by participants. (AH)	Strengthening historic structures – principles and approaches. (AH)
12:00-13:00				
13:00-14:30	Structural behaviour of historic buildings – theoretical introduction to understanding masonry buildings (AH)	Monitoring structural stability of historic buildings Principles, tools and techniques (AH)	Example(s) of structural problems and interventions – case studies. Visit and discussion (AH)	Analytical methods for historic structures: modelling and mathematical methods (AH)
14:30-15:00				
15:00-16:00	Structural behaviour of historic buildings: understanding masonry structures (AH)	Site visit and discussion Investigating traditional structural building methods and deficiencies at selected buildings in Old Town of Ramallah Visit and visual inspection (AH)	Principles of sound structural diagnosis (AH)	Strengthening historic structures – case studies (AH)
16:00-17:00	Discussion (AH)		Principles of sound structural diagnosis. Discussion (AH)	Strengthening historic structures – case studies. Discussion (AH)

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Main Course Instructors: [Alessandro Massari \(ALM\)](#)

TIME	<i>Sunday</i> 23 October	<i>Monday</i> 24 October	<i>Tuesday</i> 25 October
11:00 - 12:00	Humidity in historic buildings – overview of sources and types, indoor climate and environmental monitoring (ALM)	Humidity as a cause of decay mechanisms; Understanding the manifestations (ALM)	Introduction to conservation treatments of humidity in masonry, plaster and renders (ALM)
12:00 - 13:00	Investigation and identification methods, measuring tools and equipment - overview (simple and sophisticated) (ALM)		Interventions / treatments of humidity problems in conservation and restoration – case studies (ALM)
13:00 - 14:30		Demo / on-site exercise: Inspecting humidity and deterioration of stone buildings (PART's seminar) (ALM)	
14:30 - 15:00			
15:00 - 16:00	Measuring humidity and indoor climate conditions – demo (ALM)	Demo / on-site exercise: Inspecting humidity and deterioration of stone buildings (PART's seminar) (ALM)	Treatments of humidity problems in conservation and restoration – case studies discussion in Old City of Ramallah (ALM)
16:00 - 17:00		Discussion of demo / exercise results (ALM)	

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30 October _ 1 November 2016

Part 4: Conservation of Stone, Plaster and Mortar

Main Course Instructors: David Odgers (DO),

TIME	<i>Sunday</i> 30 October	<i>Monday</i> 31 October	<i>Tuesday</i> 1 November
11:00 - 12:00	Introduction to the characterization of lime, mortar, renders / plaster and binders in general Features, requested performance determination Traditional and new products, performance and compatibility (DO)	Interventions in stone masonry: principles of replacement, patching with mortar, <i>anastylosis</i> , etc. (DO)	Practical exercise on mixing mortars (DO)
12:00 - 13:00		Introduction to stone cleaning, salt extraction, and other treatments of stone walls (DO).	
13:00 - 14:30	Introduction to mortar setting types, grain size distribution, workability, shrinkage, and setting time (DO)	Practical Exercises: salt cleaning and use of poultices, grouting and consolidation of plaster and mortar (DO)	
14:30 - 15:00			
15:00 - 16:00	Sound diagnosis methods, deciding on material composition and intervention techniques Questions of compatibility (DO)	Introduction to the conservation of mortars and renders (DO)	
16:00 - 17:00			

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15 _ 17 November 2016 **UNIT FOUR, Part 6: Conservation and Restoration of Wooden Structures and Elements**

Main Course Instructors Paul Mordan

TIME	Tuesday 15 November	Wednesday 16 November	Thursday 17 November
11:00- 12:00	Wood as a building material – properties, types typical for the region Regional specificities	Visual analysis of wood problems on selected buildings in Jerusalem	Practical exercise on site
12:00-13:00	Main reasons for wood decay in overview		
13:00-14:30	Typical wood deterioration and damage types - overview		
14:30-15:00			
15:00-16:00	Typical details of wooden structures and elements in the region - principles Typical details / joints for door and window replacements	Surface protection and treatments	Practical exercise on site
16:00-17:00	Repair techniques of wooden doors and windows	Case studies	
		Discussion	

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**Seminar on Participants' Course Work
Course Evaluation**

Main Course Supervisor: Christian Biggi (CB)

Presenting case Study on **30 November**

TIME	28 November	29 November	30 November
11:00 - 12:00	Participants' finalization of project summaries and final power point presentations	Participants final project presentations	Final course evaluation
12:00 - 13:00			Final course evaluation and discussion
13:00 - 14:30			Presentation of summaries of participants group work (seminar) results
14:30 - 15:00			Closing ceremony
15:00 - 16:00	Participants' finalization of project summaries and final power point presentations	Participants final project presentations	
16:00 - 17:00			

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