

SYLLABUS

First Semester 2022/2023

Sapienza, University of Rome



ARCHITECTURE
LANDSCAPE
ARCHAEOLOGY
ERASMUS+
JOINT MASTER

EMJMD ALA

ALA is a postgraduate international and interdisciplinary 2-yrs (120ECT) Erasmus Joint Master Programme in Architecture, Landscape and Archaeology, developed by a consortium of 4 institutions (University of Rome Sapienza, University of Coimbra, National Technical University of Athens, University of Naples Federico II) and associated partners (other universities, governmental and international agencies, museums and archaeological sites, architectural professional offices).

The three partner countries, Italy, Greece, Portugal, represent academic and professional excellence in the fields of architecture, landscape and archaeology at European and global level. Nowadays architects and archaeologists are different professions whose training and education follow diverse paths, regardless the frequent and increasing need for a joint and shared approach especially in the professional challenges (national boards for heritage, conservation companies, architects' offices, etc.).

The ALA Master has therefore the following finalities:

- A fully recognized Joint Degree;
- To encourage interaction between the different professions and a better integration between preservation strategies, planning and contemporary design interventions;
- To form highly specialized experts able to understand and apply the correct analytical, scientific and creative skills for the enhancement of archaeological contexts;
- To bridge academic and job-market needs with the exchange of expertise in a highly innovative research area (Archaeology/Cultural Heritage/Design/Public-Private investments).

Modules	Aims	Professors	Scientific disciplinary sectors (SDS)
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a. ARCHITECTURAL AND ARCHAEOLOGICAL CULTURE

1.a The relationship between archaeology and architecture in urban transformation	To outline the role of archaeology in urban transformations and highlight different cultural positions.	A. Capuano, D. Palombi	ICAR 14 L-ANT/07
2.a Landscape and archaeology	To outline the role of unseen past landscapes and promote cultural dissemination connected to landscape heritage.	P. Carafa, F. Morgia	L-ANT/07 ICAR 14
3.a Design and archaeology: narratives and techniques	To investigate the role of design in building an archaeological site story telling.	A. Giovannelli, D. Nadali	ICAR 14 L-OR/05

b. ARCHAEOLOGICAL METHODOLOGIES

1.b Preventive archaeology and context analysis	To outline the role of preventive archaeology, rescue archaeology, salvage archaeology and context analysis.	A. I. Del Monaco, A. Vanzetti	ICAR 14 L-ANT/07
2.b Archaeological excavation and on field methodologies	To outline the relation between discovery and restoration interventions.	M. T. D'Alessio, D. Esposito	L-ANT/07 ICAR 19
3.b Measured drawings and digital cartography	To provide all instruments necessary to reading, representing, analyzing an architectural/ archeological context.	A. Ippolito, A. F. Ferrandes	ICAR 17 L-ANT/09

c. ROME WORKSHOP

1.c Architectural, urban and landscape design in archaeological contexts	Design Workshop for the enhancement of archaeological landscapes in the urban and suburban areas of the city of Rome.	Coordinator: A. Capuano	L-ANT/07 ICAR 14
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Department of Architecture and Design | Department of Classics

Cristian Sammarco | School of Architecture **Room 1** Piazza Borghese 9

ECTS	Hours	Tools	Exams
4	100	lessons/exercise/lab/ site visit/individual study	written test January
4	100	lessons/exercise/lab/ site visit/individual study	pecha-kucha presentation January
4	100	lessons/exercise/lab/ site visit/individual study	slides presentation + short essay January
4	100	lessons/exercise/lab/ site visit/individual study	written test January
4	100	lessons/exercise/lab/ site visit/individual study	written test January
4	100	lessons/exercise/lab/ site visit/individual study	written test January
6	150	seminar/lab/site visit	Mid-reviews - January - and Final Presentation of the project February

1.a Module

The relationship between archaeology and architecture in urban transformation

Professors

Alessandra Capuano, Domenico Palombi.

Purpose of the module: to outline the role of archaeology in urban transformations and highlight the different cultural positions in modern and contemporary times.

Themes: the birth of archaeology; the relationships between ancient city and contemporary city; urban archaeology and the stratigraphic season; Infrastructures and Archaeology; city and archaeology in Rome (the Fora; the Appia Antica Park, the Aurelian Wall; the Ara Pacis; the Crypta Balbi; Villa Gordiani; infrastructures and archaeology), other international cases (like Mexico City, Mèrida, Beirut, etc.).

Methods and Tools: Introduction to languages and models; Case studies; Site visits; Workshop.

Final Exam: Knowledge of the list of readings and notes taken in class and during site visits to be able to answer from 3 to 6 questions in the test given in exam of January.

October	Activity 1 8:45 - 10:15	Activity 2 10:30 - 12:00	Activity 3 12:15 - 13:45
03 monday	Introduction A. Capuano	Rome: archaeology and the national identity D. Palombi	The city between retrospectives and perspectives. A. Capuano
05 wednesday	Republican and Imperial Fora L. and D. Kosmopoulos (3rd Oct. 15:00 - 16:30)	Projects for the Colosseum Archaeological Park F. Lambertucci, P. Posocco, M. Raitano	The urban case of the Ara Pacis in Rome D. Palombi
07 friday		Site Visit: Republican and Imperial Fora L. and D. Kosmopoulos	
10 monday	Rome and the Appian Way: Ruins Utopy Design A. Capuano	Urban Archaeology G. Facchin, V. Di Cola	Workshop
12 wednesday	Ruins and antiquities in the Roman Campagna A. Grazian	ArchaeoGRAB A. Capuano	Archaeology in the GRAB A. Grazian
14 friday		Site Visit: Appia Antica Park A. Capuano	
17 monday	Infrastructures and City F. Lambertucci	The Amba Aradam metro station P. Desideri	Workshop
19 wednesday	Aurelian Wall: urban and suburban space J. Gadeyne	The linear integrated park of the Aurelian Wall A. Criconia	Workshop
21 friday		Site Visit: Aurelian Wall Walk J. Gadeyne	

1.b Module | Preventive archaeology and context analysis

Professors

Anna Irene Del Monaco, Alessandro Vanzetti.

Purpose of the module: to outline the role of context analysis and preventive, rescue and salvage archaeology, with respect to urban and territorial transformations, introducing as well different methodologies, global institutional actions, success stories.

Themes: The module will focus upon Italian, European and Worldwide geographical contexts, discussing the issues of International conventions and National regulations as for the protection, conservation or transformation of landscape and context; strategies for preventive knowledge, risk assessment and strategic planning; field preventive/rescue archaeology; community archeology, open data and the production of situated archaeological and historical value.

Methods and Tools: lectures, discussion, selected literature.

Final Exam: Evaluation test, written paper (3-5 pages) on selected argument and oral question.

October	Activity 1 8:45- 10:15	Activity 2 10:30 - 12:00	Activity 3 12:15 - 13:45
04 tuesday	Preventive archaeology and architectural project A. I. Del Monaco A. Vanzetti	Predictive Modeling: Dutch experience and Mediterranean view P. Martijn van Leusen	Workshop
06 thursday	The Great Dam projects and preventive Archaeology A. Colonna, P. Buzi	Preventive Archaeology in Latin America C. Montalvo Puente	Workshop
Site visit			
11 tuesday	Preventive archaeology and Open data G. Gattiglia	INRAP: the French view of Preventive Archaeology K. Salas Rossenbach	Site visit Rinascente building
13 thursday	Preventive archaeology as public archaeology P. Gull	International Charters and Archaeology V. Magar	Workshop
15 Saturday	Site visit: Crypta Balbi G. Facchin, V. Di Cola		
18 tuesday	The reconstruction of the Imperial Kiln in Jingdezhen through preventive archaeology L. Weng	Preventive archaeology in Rome G. Ricci	Site visit Auditorium
20 thursday	Preventive archaeology F. Ripanti	The Major infrastructures and archaeology G. Magarò	Workshop
Site visit			

2.a Module | Landscape and archaeology

Professors

Paolo Carafa, Federica Morgia.

Purpose of the module: Landscape is an integrated reality connecting territories, monuments and objects. It can be defined the largest artifact conceivable by human mind. A network of relations constantly re-assessed through time and space defines historical landscapes. Archaeological methods and approaches are very effective in reconnecting and/or recreating such relations; revealing, protecting and enhancing unseen past landscapes; promoting cultural dissemination connected to Landscape and Heritage management.

Themes: The relationship between excavations, sites, findings and landscape accommodations; Archaeological Parks; Landscape Archaeology; Relations between archaeological enhancement, biodiversity and local communities; Role of agriculture and Invisible archaeology enhancement. Focus: The case study of Villa Adriana Area and Selinunte Archaeological Park comparison with other Italian and European cases (Artena, Vallarsa, Spain, etc.).

Methods and Tools: Introduction to Projects and Theory; Case studies; Site visits; Workshop.

Final Exam: Presentation 20x20 Pecha Kucha format (6 minutes, 40 seconds each) in order to focusing one or more topics of the contents of readings and sites visits.

October November	Activity 1	Activity 2	Activity 3
	8:45- 10:15	10:30 - 12:00	12:15 - 13:45
24 monday	Introduction Module 2A P. Carafa / F. Morgia	The archaeological tales of landscapes P. Carafa / F. Morgia	Landscape of ruins F. Morgia
26 wednesday	Reading and understanding heritage landscape F. Morgia	Archaeological enhancement and local communities M. Ippoliti	Shaping ancient and modern cities: Catania as case-study D. Malfitana
28 friday		Site Visit Palatino: Domus Tiberiana and Farnese Garden	
31 monday	Holiday	Holiday	Holiday
02 wednesday	Role of agriculture and Invisible archaeology enhancement M. Ippoliti	Villa Adriana F. G. Cavallero	The Grand Villa Adriana, Designing the UNESCO buffer zone. Termini Station Archaeological Park F. Di Carlo, A. Giancotti
04 friday		Site visit: Villa Adriana (by train)	
07 monday	Contemporary archaeological parks T. Matteini	Archaeological Landscape Museum P. Coen	Discussion on the topics lectures
09 wednesday	Norba: A "de facto" archaeological park T. Della Seta	Artena archaeological site L. Montuori, R. Petrachi	Discussion on the topics lectures
11 friday		Site Visit: Norba Park	

2.b Module | Archeological excavation and on field methodologies

Professors

Maria Teresa D'Alessio, Daniela Esposito.

Purpose of the module: the study and classification of pottery and other kind of finds in order to date the identified sequences and the story that they tell. The data acquired during archaeological research will be the base knowledge for the restoration interventions. Analysis and restoration of monuments are two aspects of the same process that aims to perpetuate the memory of the past.

Themes: Archeological excavation is a complex and unique (as unrepeatable) process that allows to extract clues and information from the ground and turn them into stories. The archaeological approach will allow restoration interventions to consciously respect the authenticity of the remains discovered during excavations.

Methods and Tools: Introduction to Methodologies; Case studies; Sites.

Final Exam: Knowledge of the list of readings and notes taken in class and during site visits to be able to answer from 3 to 6 questions.

October November	Activity 1	Activity 2	Activity 3
	8:45- 10:15	10:30 - 12:00	12:15 - 13:45
25 tuesday	Archeological research on the NE slope of the Palatine A. Ferrandes	Arrangement and valorization on the Palatine site M. Asciutti	Workshop
27 thursday	From excavation to museum M. T. D'Alessio	Archeological research for the history of construction D. Esposito, F. L. Fazio	Workshop
		Site visit	
01 tuesday	Holiday	Holiday	Holiday
03 thursday	The case of Brescia between tradition and innovation F. Morandini	Covers and other safeguarding systems for ruins protection L. Di Muzio	Archeological research and interpretations at the Portico d'Ottavia F. De Stefano
		Site visit	
08 tuesday	The so-called Tempio di Minerva Medica in the Esquiline landscape S. Barrano	The restoration of the so-called tempio di Minerva Medica M. Magnani	Restoration and valorization of the Portico d'Ottavia G. Batocchioni L. Romagnoli
10 thursday	Archeological research at the Domus Tiberiana M. Serlorenzi, F. Coletti, S. Camporeale	Restoration interventions at the Domus Tiberiana M. G. Filetici, S. Belotti	Workshop
		Site visit	

3.a Module | Design and archaeology: narratives and techniques

Professors

Anna Giovannelli, Davide Nadali.

Purpose of the module: Investigation and analysis of the design processes for the needs and aims of comprehension, enhancement and narration of an archaeological context, focusing on multi-layered design solutions for archaeology.

Themes: Narrative strategies; design for archaeology: enhancement strategy; close reading of reference texts and archaeological findings; perception of archaeological sites in perspective; making the archaeological site a museum; exhibition and communication of the remains.

Methods and Tools: Concepts and ideas of archaeological context: design proposal; case studies; site visits; workshop.

Final Exam: Slides presentation with short critical essay.

November December	Activity 1 8:45- 10:15	Activity 2 10:30 - 12:00	Activity 3 12:15 - 13:45
14 monday	Syllabus methods and Tools in Archaeological context D. Nadali	Concepts and Ideas about Design International Experiences A. Giovannelli	Seminar Discussions on the lectures topics
16 wednesday	Design for cultural experience: methods and perspectives L. Imbesi	"San Giovanni Metro C: the story of an underground design narrative" A. Grimaldi	Seminar Discussions on the lectures topics
18 friday		Site visit: Survey campaign Ostia Antica	
21 monday	Fora Design S. Clemente	Between virtual and physical V. Malakuczi	Seminar Discussions on the lectures topics
23 wednesday	Domus Aurea S. Boeri	Domus Aurea and Raffaello A. D'Alessio	Seminar Discussions on the lectures topics
25 friday		Site Visit: Domus Aurea	
28 monday	Building a new land from ancient sherds. M. Gori	The enhancement of Coenatio Rotunda on Palatino Hill A. Giovannelli	Seminar Discussions on the lectures topics
30 wednesday	"Fragments of the need for reconstruction and re-contextualization" D. Nadali	Final Seminar Discussion on the lectures topics	Final Seminar Discussions on the lectures topics
02 friday		Lecture: Tortelli e Fassoni	

3.b Module | Measured drawings and digital cartography

Professors

Antonio F. Ferrandes, Alfonso Ippolito.

Purpose of the module: The module aims at providing the students with all instruments necessary to reading, representing, analyzing an architectural/archaeological element in all its different aspects (metric, structural, formal, etc.) according to an as much as possible “scientific” approach. Each student will test different survey and digital representation techniques on archaeological buildings.

Themes: Survey representation as main instrument to understand archaeological remains; mapping of the surfaces and ancient building techniques; identification of the resistant scheme; evaluation and graphic documentation of masonry cracks; detecting spatial design and its modifications over time.

Methods and Tools: Survey representation for technical analysis, case studies with slides support; exercises for analysis and evaluation of ancient remains of ancient remains.

Final Exam: Learning level will be evaluated through a specific test session.

November December	Activity 1	Activity 2	Activity 3
	8:45- 10:15	10:30 - 12:00	12:15 - 13:45
15 tuesday	Geometrical foundations of representation A. Ippolito	Representing architecture: foreground/background, light/color, synthesis/detail F. Porfiri	The archaeologist and the wall. Brief introduction to a complex relationship A. F. Ferrandes
17 thursday	SFM – theory M. Griffo	SFM – theory M. Griffo	Silent witnesses. A. F. Ferrandes
		Site Visit	
22 tuesday	3d laser scanner – theory M. Attenni	3d laser scanner – data acquisition (C10/FARO) M. Attenni, M. Griffo	Understanding building history, classifying building techniques S. Bossi
24 thursday	SFM – data elaboration M. Griffo	SFM – data elaboration M. Griffo	Filling the gaps to talk to everyone. M. Serlorenzi, S. Boni
		Site visit	
29 tuesday	Architecture and archaeology C. Inglese Quality vs. quantity L. J. Senatore	3d laser scanner – data elaboration M. Attenni	Surveying, drawing and recording E. Brienza
01 thursday	Final presentation of 3D/2D survey data elaboration A. Ippolito, C. Inglese, L.J. Senatore, M. Attenni, M. Griffo, F. Porfiri	Final presentation of 3D/2D survey data elaboration A. Ippolito, C. Inglese, L.J. Senatore, M. Attenni, M. Griffo, F. Porfiri	Ancient topography and historical buildings: a case study. F. Moriconi, G. Fratini

Lecture

Architectural, urban and landscape design in archaeological contexts

The Sanctuary of Hercules the Victor in Tivoli

16-31 January 2023

Professors

Coordinator: A. Capuano

Aims: This year the design exercise will take place in the Tiburtine Territory and around the Sanctuary of Hercules the Victor in Tivoli. The site allows the relationship between architecture and archaeology to be tackled at different scales of the project: from landscape to museum design. The workshop will explore possible ideas of enhancement and is carried out with the Le Villae in Tivoli, the archeological Park of Villa Adriana and the Park of Villa D'Este, the Association of Architects of Rome and Province and the Municipality of Tivoli.

Themes: The workshop will progress during two weeks of work. During the first one the students will develop a general master plan analyzing the park's potential and criticalities in relationship to the urban context and the tourist flows. During the second week they will focus on specific archaeological areas: to be defined.

Methods and Tools: An introductory seminar on "The Tiburtine Territory and around the Sanctuary of Hercules the Victor" will be held at the end of September, while site visits and lectures will be held during the whole semester. From January 16th to January 31st an intense and full-time work (weekends included) is dedicated to the development of the project in transdisciplinary teams under the supervision of the teaching staff.

Final Exam: Mid-review (January 23) and Final Presentation of the project (January 31).

	Monday 16	Tuesday 17	Wednesday 18	Thursday 19
9:00	Opening conference	Site visit	Workshop activities	Workshop activities
13:00	Lunch break	Lunch break	Lunch break	Lunch break
14:00	Workshop activities		Workshop activities	Workshop activities
18:30				
20:00				
	Tuesday 24	Wednesday 25	Thursday 26	Friday 27
9:00	Workshop activities	Workshop activities	Workshop activities	Workshop activities
13:00	Lunch break	Lunch break	Lunch break	Lunch break
14:00	Workshop activities	Workshop activities	Workshop activities	Workshop activities
18:30				
20:00				



Friday 20

Workshop activities

Lunch break

Workshop activities

Saturday 21

Workshop activities

Lunch break

Workshop activities

Sunday 22

Workshop activities

Lunch break

Workshop activities

Monday 23

Mid-review

Lunch break

Workshop activities

Saturday 28

Workshop activities

Lunch break

Workshop activities

Sunday 29

Workshop activities

Lunch break

Workshop activities

Monday 30

Workshop activities

Lunch break

Workshop activities

Tuesday 31

Workshop activities

Projects submission

Final review

Workshop activities

EMJMD ALA | First semester

September October		October		October November		November	
20	Inauguration week accomodation	6	module 1.b	22	weekend	7	module 2.a
21	Inauguration week accomodation	7	site visit	23	weekend	8	module 2.b
22	Inauguration week accomodation	8	weekend	24	module 2.a	9	module 2.a
23	Inauguration week accomodation	9	weekend	25	module 2.b	10	module 2.b
24	weekend	10	module 1.a	26	module 2.a	11	site visit
25	weekend	11	module 1.b	27	module 2.b	12	weekend
26	Inauguration week accomodation	12	module 1.a	28	site visit	13	weekend
27	Opening Ceremony	13	module 1.b	29	weekend	14	module 3.a
28	Inauguration week accomodation	14	site visit	30	weekend	15	module 3.b
29	Inauguration week accomodation	15	weekend	31	Holiday	16	module 3.a
30	Inauguration week accomodation	16	weekend	1	Holiday	17	module 3.b
1	weekend	17	module 1.a	2	module 2.a	18	site visit
2	weekend	18	module 1.b	3	module 2.b	19	weekend
3	module 1.a	19	module 1.a	4	site visit	20	weekend
4	module 1.b	20	module 1.b	5	weekend	21	module 3a
5	module 1.a	21	site visit	6	weekend	22	module 3.b

November December		December		December January		January	
23	module 3.a	9	study period	26	Holiday	11	exams
24	module 3b	10	study period	27	Holiday	12	exams
25	site visit	11	study period	28	Holiday	13	exams
26	weekend	12	study period	29	Holiday	14	weekend
27	weekend	13	study period	30	Holiday	15	weekend
28	module 3.a	14	study period	31	Holiday	16	workshop
29	module 3.b	15	study period	1	Holiday	17	workshop
30	module 3.a	16	study period	2	Holiday	18	workshop
1	module 3.b	17	study period	3	Holiday	19	workshop
2	module 3.a	18	study period	4	Holiday	20	workshop
3	weekend	19	study period	5	Holiday	21	workshop
4	weekend	20	study period	6	Holiday	22	workshop
5	study period	21	Holiday	7	weekend	23	workshop
6	study period	22	Holiday	8	weekend	24	workshop
7	study period	24	Holiday	9	exams	25	workshop
8	study period	25	Holiday	10	exams	26	workshop

EMJMD ALA | First semester

January

27 workshop

28 workshop

29 workshop

30 workshop

31 workshop
final review

Field trips and Site Visit

Day

Republican and Imperial Fora

October 7

Appia Antica Park

October 14

Rinascente Building

October 11

Crypta Balbi

October 15

Aurelian Wall Walk

October 22

Palatino: Domus Tiberiana

October 28

Villa Adriana

November 4

Norba Park

November 11

Survey Campaign Tivoli

November 18

Domus Aurea

November 25

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