

SYLLABUS

First Semester 2021/2022

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)
---------	------	------------	---------------------------------------

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/01
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.	A. Capuano, P. Carafa, A. I. Del Monaco, A. Giovannelli, F. Morgia, D. Palombi	L-ANT/07 ICAR 14
---	---	--	---------------------

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
04 monday	Introduction A. Capuano	Rome: archaeology and the national identity D. Palombi	The city between retrospectives and perspectives. A. Capuano
06 wednesday	Republican and Imperial Fora L. and D. Kosmopoulos	Projects for the Colosseum Archaeological Park F. Lambertucci, P. Posocco, M. Raitano	The urban case of the Ara Pacis in Rome D. Palombi
08 friday	Site Visit: Republican and Imperial Fora L. and D. Kosmopoulos		
11 monday	Rome and the Appian Way: Ruins Utopy Design A. Capuano	Urban Archaeology G. Facchin, V. Di Cola	Workshop
13 wednesday	Ruins and antiquities in the Roman Campagna A. Grazian	ArchaeoGRAB A. Capuano	Archaeology in the GRAB A. Grazian
15 friday	Site Visit: Appia Antica Park A. Capuano, A. Grazian, C. Sammarco		
18 monday	Infrastructures and City F. Lambertucci	The Amba Aradam metro station P. Desideri	Workshop
20 wednesday	Aurelian Wall: urban and suburban space J. Gadeyne	The linear integrated park of the Aurelian Wall A. Criconia	Workshop
22 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
05 tuesday	Preventive archaeology and architectural project A. I. Del Monaco A. Vanzetti	Predictive Modeling: Dutch experience and Mediterranean view P. Martijn van Leusen	Workshop
07 thursday	The Great Dam projects and preventive Archaeology A. Colonna, P. Buzi	Preventive Archaeology in Latin America C. Montalvo Puente	Workshop
Site visit			
12 tuesday	Preventive archaeology and Open data G. Gattiglia	INRAP: the French view of Preventive Archaeology K. Salas Rossenbach	Site visit Rinascente building
14 thursday	Preventive archaeology as public archaeology P. Gull	International Charters and Archaeology V. Magar	Workshop
16 Saturday	Site visit: Crypta Balbi G. Facchin, V. Di Cola		
19 tuesday	The reconstruction of the Imperial Kiln in Jingdezhen through preventive archaeology L. Weng	Preventive archaeology in Rome G. Ricci	Site visit Auditorium
21 thursday	Preventive archaeology F. Ripanti	The Major infrastructures and archaeology G. Magaró	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
25 monday	Introduction Module 2A P. Carafa / F. Morgia	The archaeological tales of landscapes P. Carafa / F. Morgia	Landscape of ruins F. Morgia
27 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
29 friday		Site Visit Palatino: Domus Tiberiana and Farnese Garden	
01 monday	Holiday	Holiday	Holiday
03 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
03 wednesday		Lecture: Tejedor Linares & Asociados	
08 monday	Contemporary archaeological parks T. Matteini	Archaeological Landscape Museum P. Coen	Discussion on the topics lectures
10 wednesday	Norba: A "de facto" archaeological park T. Della Seta	Artena archaeological site L. Montuori, R. Petrachi	Discussion on the topics lectures
13 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
---------------------	------------	------------	------------

26 tuesday	Archeological research on the NE slope of the Palatine A. Ferrandes	Arrangement and valorization on the Palatine site M. Asciutti	Workshop
28 thursday	From excavation to museum M. T. D'Alessio	Archeological research for the history of construction D. Esposito, F. L. Fazio	Workshop

Site visit

02 tuesday	Archeological research and interpretations at the Portico d'Ottavia F. De Stefano	Restoration and valorization of the Portico d'Ottavia G. Batocchioni L. Romagnoli	Workshop
04 thursday	The case of Brescia between tradition and innovation F. Morandini	Covers and other safeguarding systems for ruins protection L. Di Muzio	Workshop

05 friday Site visit: Villa Adriana (by train)

09 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	Workshop
11 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
15	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
17	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
19	friday		Site visit: Survey campaign Ostia Antica	
22	monday	Fora Design S. Clemente	Between virtual and physical V. Malakuczi	Seminar Discussions on the lectures topics
24	wednesday	Domus Aurea S. Boeri	Domus Aurea and Raffaello A. D'Alessio	Seminar Discussions on the lectures topics
26	friday		Site Visit: Domus Aurea	
29	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
01	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
03	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
16 tuesday	Geometrical foundations of representation A. Ippolito	Representing architecture: foreground/background, light/color, synthesis/detail E. Chiavoni, F. Porfiri	The archaeologist and the wall. Brief introduction to a complex relationship A. F. Ferrandes
18 thursday	SFM – theory M. Griffo	SFM – theory M. Griffo	Silent witnesses. A. F. Ferrandes
		Site Visit	
23 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
25 thursday	SFM – data elaboration M. Griffo	SFM – data elaboration M. Griffo	Filling the gaps to talk to everyone. M. Serlorenzi, S. Boni
		Site visit	
30 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
02 thursday	Final presentation of 3D/2D survey data elaboration A. Ippolito, C. Inglese, L.J. Senatore, M. Attenni, M. Griffo	Final presentation of 3D/2D survey data elaboration A. Ippolito, C. Inglese, L.J. Senatore, M. Attenni, M. Griffo	Ancient topography and historical buildings: a case study. F. Moriconi, G. Fratini

Lecture

Architectural, urban and landscape design in archaeological contexts

17 January- 04 February 2022

Professors

A. Capuano, P. Carafa, A. I. Del Monaco, A. Giovannelli, A. Ippolito, F. Morgia, D. Nadali, D. Palombi

Aims: This year the design exercise will take place in the Archaeological Park of Ostia Antica. 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 Ostia Antica Park Body.

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 three specific archaeological areas: the Capitolium, the Barracks of the Fire Brigade and the relocation of the so called "Opus Sectile" nowadays outside the park perimeter.

Methods and Tools: Visits and preparatory lecture on Ostia Antica were held during the semester. From January 17th to February 4th 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 24) and Final Presentation of the project (February 4).

	Monday 17	Tuesday 18	Wednesday 19	Thursday 20
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 25	Wednesday 26	Thursday 27	Friday 28
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 21

Workshop activities

Lunch break

Workshop activities

Saturday 22

Workshop activities

Lunch break

Workshop activities

Sunday 23

Workshop activities

Lunch break

Workshop activities

Monday 24

Mid-review

Lunch break

Workshop activities

Saturday 29

Workshop activities

Lunch break

Workshop activities

Sunday 30

Workshop activities

Lunch break

Workshop activities

Monday 31

Workshop activities

Lunch break

Workshop activities

February 01/04

Workshop activities

February 02

Projects submission

February 04

Final review

Workshop activities

EMJMD ALA | First semester

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

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

February

01 workshop

02 workshop

03 workshop

04 workshop
final review

Field trips and Site Visit

Day

Republican and Imperial Fora

October 8

Appia Antica Park

October 12

Rinascente Building

October 15

Crypta Balbi

October 16

Aurelian Wall Walk

October 22

Palatino: Domus Tiberiana

October 29

Villa Adriana

November 5

Norba Park

November 13

Survey Campaign Ostia Antica

November 19

Domus Aurea

November 26

Sapienza University Staff | Rome

General Coordinator

Alessandra Capuano

Alessandra Capuano, Local Coordinator

Paolo Carafa

Maria Teresa D'Alessio

Anna Irene Del Monaco

Daniela Esposito

Antonio F. Ferrandes

Anna Giovannelli

Alfonso Ippolito

Federica Morgia

Davide Nadali

Domenico Palombi

Alessandro Vanzetti

Tutors

Andrea Grazian

Cristian Sammarco

CO-FUNDED



Erasmus+

PARTNER UNIVERSITIES



SAPIENZA
UNIVERSITÀ DI ROMA



UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II



EONIKO
METSOBIO
POLYTECHNIO



1 2 9 0 **UNIVERSIDADE D**
COIMBRA

ROME ASSOCIATED PARTNERS



MINISTERO
PER I BENI E
LE ATTIVITÀ
CULTURALI



PARCO
ARCHEOLOGICO
DELL'APPIA
ANTICA



Sanas
l'Italia si fa strada



UNESCO Chair in Cultural
and Environmental Design



Academic Initiatives Abroad
Learn More