

SYLLABUS

First Semester 2020/2021
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)	ECTS	Hours	Tools	Exams
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	4	100	lessons/exercise/lab/ site visit/individual study	written test June
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	4	100	lessons/exercise/lab/ site visit/individual study	pecha-kucha presentation June
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 16 L-OR/05	4	100	lessons/exercise/lab/ site visit/individual study	slides presentation + short essay June
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	4	100	lessons/exercise/lab/ site visit/individual study	written test June
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	4	100	lessons/exercise/lab/ site visit/individual study	written test June
3.b Measured drawings and digital cartography	To provide all instruments necessary to reading, representing, analyzing an architectural/ archeological context.	A. Ippolito, A. Ten	ICAR 17 L-ANT/09	4	100	lessons/exercise/lab/ site visit/individual study	written test June
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, A. Grimaldi, F. Morgia, D. Palombi	L-ANT/07 ICAR 14 ICAR 16	6	150	seminar/lab/site visit	Mid-reviews - May - and Final Presentation of the project June

1.a Module | The relationship between archaeology and architecture in urban transformation

Professors

Alessandra Capuano, Domenico Palombi.

Aims: 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, models, theories and urban history.

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 a writtent test.

1.b Module | Preventive archaeology and context analysis

Professors

Anna Irene Del Monaco, Alessandro Vanzetti.

Aims: 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.

March	Activity 1 8:45- 10:15	Activity 2 10:30 - 12:00	Activity 3 12:15 - 13:45	March	Activity 1 8:45- 10:15	Activity 2 10:30 - 12:00	Activity 3 12:15 - 13:45
09 tuesday	The city between retrospectives and perspectives A. Capuano	The classical language of architecture S. Pasquali	Urban Archaeology and Site Visit: Crypta Balbi G. Facchin, V. Di Cola	08 Monday	Preventive archaeology and architectural project A. I. Del Monaco A. Vanzetti	International Charters and Archaeology Valerie Magar	Workshop
11 thursday	Rome: archaeology and the national identity D. Palombi	The Imperial Fora S. Pasquali	Projects for the Colosseum Archaeological Park O. Carpenzano	10 wednesday	Community Archaeology and Preventive Archaeology E. Zanini	Preventive archaeology as public archaeology Paolo Gull	Site visit Rinascente building
12 friday		Site Visit: Republican and Imperial Fora G. Ortolani				Site visit	
16 tuesday	Rome and the Appian Way: Ruins Utopy Design A. Capuano	Memory of Antiquity and the Grand Tour C. Di Fazio	Site visit Villa Gordiani A. Grazian	15 Monday	Predictive Modeling: Dutch experience and Mediterranean view P. Martijn van Leusen	Japanese Preventive archaeology Yumiko Nakanishi	Workshop
18 thursday	The urban case of the Ara Pacis in Rome D. Palombi	ArchaeoGRAB A. Capuano	Workshop	17 wednesday	The Great Dam projects and preventive Archaeology F. Balossi Restelli & P. Buzi	Preventive archaeology in Rome Giovanni Ricci	Site Visit The Auditorium of Rome and Perenna sacred spring
19 friday		Site Visit: Appia Antica Park A. Capuano				Site visit	
23 tuesday	Infrastructures and City F. Lambertucci	The Amba Aradam metro station P. Desideri	Architecture for archaeology: world wide cases M. Segarra Lagunes	22 Monday	INRAP: the French view of Preventive Archaeology Kal Salas Rossenbach	Preventive Archaeology in Latin America Carlos Montalvo Puente	Workshop
25 thursday	Aurelian Wall: urban and suburban space J. Gadeyne	The linear integrated park of the Aurelian Wall A. Criconia	Site visit San Giovanni Metro C A. Grimaldi	24 wednesday	Preventive archaeology and Open data Gabriele Gattiglia	The Major infrastructures and archaeology Giovanni Magarò	Workshop
26 friday		Site Visit: Aurelian Wall Walk J. Gadeyne				Site visit	

2.a Module | Landscape and archaeology

Professors

Paolo Carafa, Federica Morgia.

Aims: Landscape is an integrated reality connecting territories, monuments and objects. It can be defined the largest artifact conceivable by human mind. As a cultural artifact, it expresses cultural history of individuals and communities and a constant flow of changes and continuity. A network of relations constantly re-assessed through time and space defines historical landscapes.

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.

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.

2.b Module | Archeological excavation and on field methodologies

Professors

Maria Teresa D'Alessio, Daniela Esposito.

Aims: 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.

April	Activity 1 8:45- 10:15	Activity 2 10:30 - 12:00	Activity 3 12:15 - 13:45	April	Activity 1 8:45- 10:15	Activity 2 10:30 - 12:00	Activity 3 12:15 - 13:45
5 monday	Holiday	Holiday	Holiday	6 tuesday	From excavation to museum M. T. D'Alessio	Archaeological research for the history of construction D. Esposito	Workshop
7 wednesday	Landscape of ruins F. Morgia	The archaeological tales of landscapes P. Carafa	Workshop	8 thursday	Archaeological research on the NE slope of the Palatine A. Ferrandes	Arrangement and valorization on the Palatine site M. Ascitti	Workshop
9 friday		Site Visit Palatino: Domus Tiberiana and Farnese Garden				Site visit	
12 monday	Reading and understanding heritage landscape C. Imbrogini	Archaeological enhancement and local communities M. Ippoliti	Shaping ancient and modern cities: Catania as case-study D. Malfitana	13 tuesday	Archaeological research and interpretations at the Portico d'Ottavia F. De Stefano	Restoration and valorization of the Portico d'Ottavia G. Batocchioni L. Romagnoli	Workshop
14 wednesday	Villa Adriana F. G. Cavallero	Designing the UNESCO buffer zone at the Grand Villa Adriana F. Di Carlo A. Giaccotti	Workshop	15 thursday	The case of Brescia between tradition and innovation F. Morandini	Covers and other safeguarding systems for ruins protection L. Di Muzio	Workshop
16 friday		Site Visit: Villa Adriana (by train)				Site visit	
19 monday	Contemporary archaeological parks T. Matteini	Role of agriculture and Invisible archaeology enhancement M. Ippoliti	Workshop	20 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
21 wednesday	Norba: A "de facto" archaeological park T. Della Seta	Artena archaeological site L. Montuori R. Petrachi	Workshop	22 thursday	Archaeological research at the Domus Tiberiana M. Serlorenzi, F. Coletti, S. Camporeale	Restoration interventions at the Domus Tiberiana M. G. Filetici, S. Belotti	Workshop
23 friday		Site Visit: Norba Park				Site visit	

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

Professors

Anna Giovannelli, Davide Nadali.

Aims: 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.

3.b Module | Measured drawings and digital cartography

Professors

Alfonso Ippolito, Alessandra Ten.

Aims: 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.

April/ May	Activity 1 8:45- 10:15	Activity 2 10:30 - 12:00	Activity 3 12:15 - 13:45	April/ May	Activity 1 8:45- 10:15	Activity 2 10:30 - 12:00	Activity 3 12:15 - 13:45
26 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	27 tuesday	Geometrical foundations of representation A. Ippolito	3d laser scanner – theory + data acquisition (C10/FARO) M. Attenni	Survey representation to understand ancient architectures A. Ten
28 wednesday	Fora design C. Clemente	Design for Cultural Heritage: methods and perspectives L. Imbesi/V. Malakuczi	Seminar Discussions on the lectures topics	29 thursday	SFM – theory + data elaboration M. Griffo	3d laser scanner – data elaboration M. Attenni	The survey as a means for understanding historic masonry P. Vitti -14:00-15:30-
30 friday		Site visit: Palazzo Valentini				Site Visit	
03 monday	(P. Pedrosa Architects): "The Dream of Space produces Forms" Angela Paredes	Between virtual and physical Viktor Malakuczi	Seminar Discussions on the lectures topics	04 tuesday	3D/2D survey data elaboration M. Attenni, M. Griffo	3D/2D survey data elaboration M. Attenni, M. Griffo	Survey and technical analysis C.M. Amici
05 wednesday	Building a new land from ancient sherds. Maja Gori	Topography in Time. The Experience of Architecture Toni Gironès	Seminar Discussions on the lectures topics	06 thursday	Representing archaeological architecture/Workflows A. Ippolito/L. J. Senatore	3D/2D survey data elaboration M. Attenni, M. Griffo	From survey to 3d model M. Bianchini
07 friday		Site Visit: Domus Aurea				Site visit	
10 monday	"Metro C: the story of an underground design narrative" A. Grimaldi	Parco Archeologico di Ostia Antica A. D'Alessio	Seminar Discussions on the lectures topics	11 tuesday	Low cost survey and heritage value M. Attenni	3D/2D survey data elaboration M. Attenni, M. Griffo	Reading bricks and mortar L.Lancaster
12 wednesday	"Fragments of the need for reconstruction and re-contextualization" D. Nadali	The enhancement of Coenatio Rotunda on Palatino Hill A. Giovannelli	Seminar Discussions on the lectures topics	13 thursday	From data to information M. Griffo	Final presentation of 3D/2D survey data elaboration A. Ippolito, M. Attenni, M. Griffo	Survey in archaeology: study cases. A.Pansini
14 friday		Site Visit: Ostia Antica (by train)				Site visit	

Architectural, urban and landscape design in archaeological contexts

17 May-01 June 2021

Professors

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

Aims: The enhancement of archaeological landscapes in the urban and suburban areas of the city of Rome and its surroundings is the object of the design workshop that takes place at the end of the first semester in Sapienza.

Themes: This year the design exercise will take place in the southern-eastern areas of the GRAB (the bicycle ring), which crosses many archaeological areas in the more peripheral parts of the city.

The workshop will explore possible ideas of interaction between archaeology, city and landscape and will be developed with the involvement of the local municipalities and heritage institutions

Methods and Tools: Tools: The workshop will spread out the whole semester with preparatory sessions organized in the afternoons of the regular teaching schedule and will enable students to acquire the basic knowledge of the study area. A Design Charrette will be held during two weeks with intense and full time work (weekends included) dedicated to develop a project in transdisciplinary teams.

Final Exam: Mid-review (May 24) and Final Presentation of the project (June 01).



	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	Conference			Conference
20:00				

	Friday 21	Saturday 22	Sunday 23	Monday 24
	Workshop activities	Workshop activities	Workshop activities	Mid-review
	Lunch break	Lunch break	Lunch break	Lunch break
	Workshop activities	Workshop activities	Workshop activities	Workshop activities
		Conference	Conference	
	Saturday 29	Sunday 30	Monday 31	Tuesday 01
	Workshop activities	Workshop activities	Workshop activities	Powerpoint
	Lunch break	Lunch break		Lunch break
	Workshop activities	Workshop activities	Workshop activities	Final review
			Projects submission	

Workshop activities

EMJMD ALA | First semester

March				April				May				June/July			
1	Inauguration week accomodation	17	module 1.b	1	holiday	17	weekend	1	weekend	17	workshop	1	workshop	17	study period
2	Inauguration week accomodation	18	module 1.a	2	holiday	18	weekend	2	weekend	18	workshop	2	study period	18	study period
3	Inauguration week accomodation	19	site visit	3	weekend	19	module 2.a	3	module 3.a	19	workshop	3	study period	19	study period
4	Inauguration conference	20	weekend	4	weekend	20	module 2.b	4	module 3.b	20	workshop	4	study period	20	study period
5	Inauguration week	21	weekend	5	holiday	21	module 2.a	5	module 3.a	21	workshop	5	study period	21	exams
6	weekend	22	module 1.b	6	module 2.b	22	module 2.b	6	module 3.b	22	workshop	6	study period	22	exams
7	weekend	23	module 1.a	7	module 2.a	23	site visit	7	site visit	23	workshop	7	study period	23	exams
8	module 1.b	24	module 1.b	8	module 2.b	24	weekend	8	weekend	24	workshop	8	study period	24	free
9	module 1.a	25	module 1.a	9	site visit	25	weekend	9	weekend	25	workshop	9	study period	25	final review workshop in Naples
10	module 1.b	26	site visit	10	weekend	26	module 3.a	10	module 3.a	26	workshop	10	study period	26	weekend
11	module 1.a	27	weekend	11	weekend	27	module 3.b	11	module 3.b	27	workshop	11	study period	27	weekend
12	site visit	28	weekend	12	module 2.a	28	module 3.a	12	module 3.a	28	workshop	12	study period	28	free
13	weekend	29	holiday	13	module 2.b	29	module 3.b	13	module 3.b	29	workshop	13	study period	29	free
14	weekend	30	holiday	14	module 2.a	30	site visit	14	site visit	30	workshop	14	study period	30	free
15	module 1.b	31	holiday	15	module 2.b			15	weekend	31	workshop	15	study period	01 July	thesis presentation
16	module 1.a			16	site visit			16	weekend			16	study period	02 July	thesis presentation

Field trips and Site Visit

Day

Crypta Balbi	March 9
Rinascente bulding	March 10
Republican and Imperial Fora	March 12
Villa Gordiani	March 16
The Auditorium of Rome and Perenna spring	March 17
Appia Antica Park	March 19
San Giovanni Metro C	March 25
Aurelian Wall Walk	March 26
Palatino: Domus Tiberiana	April 9
Villa Adriana	April 16
Norba Park	April 23
Palazzo Valentini	April 30
Domus Aurea	May 7

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