

SYLLABUS

Second Semester 2020 /2021

National Technical University of Athens



**ARCHITECTURE
LANDSCAPE
ARCHAEOLOGY
ERASMUS +
JOINT MASTER**

EMJMD ALA | Second semester | Option A
National Technical University of Athens | School of Architecture

Local Coordinator Konstantina Demiri
Admin. Vassiliki Kokkori | Tositsa building, T201, 42 Patission Street ,10685, Athens, Greece

| Modules | Aims | Module leaders | Scientific disciplinary sectors (SDS) | ECTS | Hours | Tools | Presentation of design work and essays 2-5 June |
|--|--|----------------|---------------------------------------|------|-------|---|--|
| 1d Design Studio A: Archaeology within the urban tissue | to practice aspects of contemporary interventions in archaeological sites in relation to the urban tissue of Athens historic area; to use mappings in creating new strategies of intervention in archaeological sites. | N. Marda | ICAR 14 L-ANT/07 | 12 | 300 | illustrated lectures, tutorials, site visits, workshops, group work, project presentations, the use of e-learning platform for project feedback and discussion. | Digital submission and oral project presentation – concept in the form of text, drawings and models- in front of a jury of invited scholars. |
| 2.d Analysis and Interpretation: historical and methodological issues | to provide theoretical knowledge and practical skills for analysing and interpreting urban archaeological sites; to familiarize students with the archaeology of Athens | M. Mikrakis | L-ANT/07 ICAR 14 | 6 | 150 | illustrated lectures, site visits, group discussion, e-learning. | Submission and oral presentation of an essay. |
| 3.d Landscape urbanism | to provide theoretical knowledge and design skills for analyzing, documenting, interpreting and composing urban landscape; to familiarize students with the urban landscape of Athens | K. Moraitis | ICAR 16 L-OR/05 | 6 | 150 | abstraction and schematization as landscape design method; illustrated lectures; case studies; site visits., e-learning | Submission and oral presentation of an essay. |
| 4.d Contemporary Interventions: theories and practices | to delve into theoretical issues and practical applications of contemporary architectural and urban interventions interfacing with archaeology in the international scene and the Greek domain. | K. Demiri | ICAR 14 L-ANT/01 | 6 | 150 | illustrated lectures, site visits, group discussion, e-learning. | Submission and oral presentation of an essay. |

1.d Module | Design Studio A: Archaeology within the urban tissue

Module leader:
Nelly Marda

Aims: to practice aspects of contemporary interventions in archaeological sites in relation to the urban tissue of Athens historic area; to use mappings in creating new strategies of intervention in archaeological sites.

Themes: work on a studio project located on the archaeological site of Kerameikos and its surroundings; lectures about digital/analytical, sensorial mappings, map recordings; in situ exercises; program formulation; lectures on design methodology, landscape design in comparison to architectural composition; weekly workshop introducing the application of digital tools to the site.

Methods and Tools: illustrated lectures, tutorials, site visits, workshops, group work, project presentations, the use of e-learning platform for project feedback and discussion.

Final Assessment: Digital submission and oral project presentation – concept in the form of text, drawings and models- in front of a jury of invited scholars.

The module takes place every Monday and Thursday (14.00 - 18.00) On selected Wednesdays D. Charitos will offer a series of lectures on applications of augmented and virtual reality in architecture and archaeology.

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| <p>monday 20/09 & thursday 23/09</p> <ul style="list-style-type: none"> The scope of the design studio. Kerameikos through history. Site visit <p>N. Marda & Representative of DAI</p> | <p>monday 27/09 & thursday 30/02</p> <ul style="list-style-type: none"> Mapping as a tool to understand the site The archaeology of the 21st century Digital/analytical & sensorial mappings and recordings in situ <p>N. Marda, K. Demiri, D. Panagiotopoulos,</p> |
| <p>monday 04/10 & thursday 07/10</p> <ul style="list-style-type: none"> Documenting, Interpreting, Intervening Conceptual mappings in the studio <p>N. Marda, K. Demiri, R. Lava, D. Panagiotopoulos</p> | <p>monday 11/10 & thursday 14/10</p> <ul style="list-style-type: none"> Contextualizing: central - uncentral, urban - non urban Mappings as investigators in formulating the program Presentation of map recordings / First formulation of the program <p>N. Marda, K. Demiri, R. Lava, D. Panagiotopoulos</p> |
| <p>monday 18/10 & thursday 21/10</p> <ul style="list-style-type: none"> Contextualizing: destruction, decay, preservation <p>N. Marda, K. Demiri, D. Panagiotopoulos</p> | <p>mon 25/10</p> <p>Presentation of map recordings in relation to the conceptual design ideas. Interim crits</p> <p>T. Andrianopoulos, S. Gyftopoulos, E. Mikrakis, K. Moraitis, A. Vozani</p> |
| <p>monday 01/11 & thursday 04/11</p> <ul style="list-style-type: none"> Work on the project <p>N. Marda, K. Demiri, D. Panagiotopoulos, A. Vozani</p> | <p>monday 08/11 & thursday 11/11</p> <ul style="list-style-type: none"> Work on the project <p>N. Marda, K. Demiri, D. Panagiotopoulos, A. Vozani</p> |
| <p>15/11 - 18/11 four day trip to archaeological sites in Greece</p> | <p>monday 22/11 & thursday 25/11</p> <p>Work on the project</p> <p>N. Marda, K. Demiri, D. Panagiotopoulos</p> |
| <p>monday 29/11 & thursday 02/12</p> <ul style="list-style-type: none"> Project Presentation <p>T. Andrianopoulos, S. Gyftopoulos, E. Mikrakis, K. Moraitis, A. Vozani</p> | <p>monday 06/12 & thursday 09/12</p> <p>Work on the project</p> <p>N. Marda, K. Demiri, D. Panagiotopoulos</p> |
| <p>monday 13/12 & thursday 16/12</p> <p>Work on the project</p> <p>N. Marda, K. Demiri, D. Panagiotopoulos</p> | <p>monday 20/12 & thursday 23/12</p> <p>Work on the project</p> <p>N. Marda, K. Demiri, D. Panagiotopoulos</p> |

24/12- 06/01 Christmas and New Year HOLIDAY

monday 11/01 - wednesday 26/11
DESIGN WORK PREPARATION

thursday and friday 27 -28/01
DESIGN WORK PRESENTATION

2.d Module | Analysis and Interpretation: historical and methodological issues

Module leader:
Manolis Mikrakis

Aims: to provide theoretical knowledge and practical skills for analysing and interpreting urban archaeological sites; to familiarize students with the archaeology of Athens

Themes: general introduction to archaeological research and the topography of monuments in Athens; digital documentation methods; the organization of public, domestic, religious and funerary space; site visits to the Akropolis, the Ancient Agora, the Roman Agora and other sites; recent fieldwork triggered by the unification of the archaeological sites of Athens, the development of facilities for the Athens 2004 Olympic Games or the construction of the metropolitan subway.

Methods and Tools: illustrated lectures, site visits, group discussion, e-learning.

Final Assessment: Submission and oral presentation of an essay (3000 words).

The module takes place every Tuesday (10.00 - 13.00)

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| <p>tuesday 21 / 09</p> <ul style="list-style-type: none"> The urban archaeology of Athens: an introduction Overview of suggested essay topics <p>M. Mikrakis</p> | <p>tuesday 28 / 09</p> <p>Digital documentation of archaeological sites and monuments: the case of Athens</p> <p>M. Katsianis, L. Costaki, A. Theocharaki</p> |
| <p>tuesday 05 / 10</p> <p>The early development of Athens</p> <p>A. Alexandridou</p> | <p>tuesday 12/10</p> <ul style="list-style-type: none"> Site visit: the Acropolis of Athens Registration of essay topic <p>M. Korres</p> |
| <p>tuesday 19/10</p> <p>Athens and its citizens in the visual arts : Visit to the Acropolis Museum.</p> <p>M. Mikrakis</p> | <p>tuesday 26/10</p> <p>Site Visit: The Ancient Agora, the Temple of Hephaistos and the Stoa of Attalos</p> <p>M. Mikrakis</p> |
| <p>tuesday 02/11</p> <p>Roman Athens from 1st c. BC to the end of the ancient world</p> <p>S. Katakis</p> | <p>tuesday 09/11</p> <p>Site Visit: Roman Agora, Library of Hadrian, Sanctuary of Zeus Olympios</p> <p>M. Mikrakis</p> |
| <p>15/11 - 19/11 four day trip to archaeological sites in Greece</p> | <p>tuesday 23/11</p> <p>Mid-term essay presentations</p> |
| <p>tuesday 30/11</p> <p>Site Visit: Byzantine and Ottoman monuments</p> <p>G. Pallis</p> | <p>tuesday 07/12</p> <p>From an Ottoman town to the capital of the Kingdom of Greece</p> <p>D. Karidis</p> |
| <p>tuesday 14 /12</p> <p>Industrial Heritage in Greece (19th-20th c.)</p> <p>N. Belavilas</p> | <p>tuesday 21/12</p> <p>Athens: the city as interface</p> <p>D. Plantzos</p> |

24/12- 06/01 Christmas and New Year HOLIDAY

Monday 07/01 - Thursday 13/01 ESSAY PREPARATION

Friday 14/01
ESSAY PRESENTATION

3.d Module | Landscape urbanism

Module leader:
Konstantinos Moraitis

Aims: to provide theoretical knowledge and design skills for analyzing, documenting, interpreting and composing urban landscape; to familiarize students with the urban landscape of Athens

Themes: Cultural and political history of landscape; landscape urbanism; the urban landscape of Athens as osmosis of natural and manmade elements (contemporary and historical); a compositional approach in landscape design.

Methods and Tools: abstraction and schematization as landscape design method; illustrated lectures; case studies; site visits., e-learning

Final Assessment: Submission and oral presentation of an essay (3000 words)

The module takes place every Friday (15.00 - 18.00)

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| <p>friday 24/09</p> <p>Intro: Landscape /cultural landscape / landscape urbanism' Hellenic landscape and modern landscape architecture.</p> <p>K. Moraitis</p> | <p>friday 01/10</p> <ul style="list-style-type: none"> • Archaeologies of Sustainability • 'Landscape': a concept of contemporary epistemological and cultural-'epistemic' value. <p>S. Bartoli, S. Linden, K. Moraitis</p> |
| <p>friday 08/10</p> <p>'Margins in-out': the landscape urbanism of Athens and its cultural and political connotations</p> <p>Io Carydi</p> | <p>friday 15/10</p> <p>Landscape design in comparison to architectural composition and urban design: the notion of design 'Schematization'.</p> <p>K. Moraitis</p> |
| <p>friday 22/10</p> <ul style="list-style-type: none"> • Western Enlightenment, ancient Greece, modern political landscape. • From Doxiadis theory to Pikionis Acropolis intervention. <p>K. Moraitis, K. Tsiabaos</p> | <p>friday 29/10</p> <ul style="list-style-type: none"> • 'Desacralized' Eleusis. • Eleusis urban and historical identity. <p>A. Loukaki, S Avgerinou-Kolonia</p> |
| <p>friday 05/11</p> <p>Green corridors in urban and periurban context</p> <p>M. Goula, J. Vanucchi</p> | <p>friday 12/11</p> <ul style="list-style-type: none"> • City-scape 'emerald' and historic networks • 'Unification of Archeological Sites and Urban Renewal of Athens. <p>K. Moraitis, D. Galani</p> |
| <p>15/11 - 19/11 four day trip to archaeological sites in Greece</p> | <p>friday 26/11</p> <p>The landscape validity of the ancient Messini and Megalopolis.</p> <p>P. Themelis, NTUA Research team</p> |
| <p>friday 03/12</p> <ul style="list-style-type: none"> • Excavating the historical sustratum of Athens • On the validity of the Cultural Landscapes <p>A. Antonas, Representative member of the ICCL</p> | <p>friday 10/12</p> <p>'Place branding' strategies and the touristic and academic promotion of Hellenic historical and mythological landscape.</p> <p>K. Moraitis</p> |
| <p>friday 17/12</p> <p>The Twin Axis of the Long Walls of Classic Antiquity: Initiating the Bipolar Scheme [connection-segmentation].</p> <p>A. Kouzoupi</p> | <p>friday 24/12</p> <p>Christmas eve</p> |

24/12- 06/01 Christmas and New Year HOLIDAY

monday 07/01 - Thursday 13/01 ESSAY PREPARATION

Friday 16/01
ESSAY PRESENTATION

4.d Module | Contemporary Interventions: theories and practices

Module leader
Konstantina Demiri

Aims: to delve into theoretical issues and practical applications of contemporary architectural and urban interventions interfacing with archaeology in the international scene and the Greek domain.

Themes: critical issues of cultural heritage; the city as a palimpsest and as a locus of liminal areas; hermeneutical interpretations and architectural interventions; theory on interventions within historical sites; exemplary cases from the international scene and the Greek domain.

Methods and Tools: illustrated lectures, site visits, group discussion, e-learning.

Final Assessment: Submission and oral presentation of an essay (3000 words).

The module takes place every Thursday (10.00 - 13.00)

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| <p>thursday 23/09</p> <ul style="list-style-type: none"> • The city as palimpsest and as a locus of memories • Critical approaches to cultural heritage <p>K. Demiri, P. Koutrolikou</p> | <p>thursday 30/09</p> <ul style="list-style-type: none"> • Urban porocities • From the city of enclaves to the city of thresholds <p>K. Demiri, S. Stavridis</p> |
| <p>thursday 07/10</p> <ul style="list-style-type: none"> • Archaeology in natural and urban landscapes: • Hermeneutical interpretations and architectural interventions <p>V. Ganiatsas</p> | <p>thursday 14/10</p> <ul style="list-style-type: none"> • Incorporating archaeological sites in the urban context. • Lessons from P. Zumthor <p>K. Demiri, A. Vozani</p> |
| <p>thursday 21/10</p> <ul style="list-style-type: none"> • The urban archaeological palimpsest: three Athenian cases. • The ancient ground • Registration of essay topic <p>K. Demiri, I. Sakelaridou, S. Gyftopoulos</p> | <p>thursday 28/10</p> <p>National Holiday</p> |
| <p>thursday 04/11</p> <ul style="list-style-type: none"> • Applying: the rural challenge • Applying: the urban challenge <p>D. Panagiotopoulos</p> | <p>thursday 11/11</p> <ul style="list-style-type: none"> • Urban and architectural issues at Delos • Delphi: connecting antiquity to modern Greece. <p>P. Tournikiotis</p> |
| <p>15/11 - 19/11 four day trip to archaeological sites in Greece</p> | <p>thursday 25/11</p> <ul style="list-style-type: none"> • Mycenae: Formations • Eleusis, research by design on the limits of the ancient and contemporary city • Living Matter: The chasm and the garden <p>K. Kosmas, S. Yiotakis, N. Skantzouris</p> |
| <p>thursday 02/12</p> <ul style="list-style-type: none"> • Urban heritage and sustainable transformations: A deep cities approach • Mid term essay presentation <p>K. Fouseki, K. Demiri, S. Gyftopoulos</p> | <p>thursday 09/12</p> <ul style="list-style-type: none"> • The metro of Thessaloniki. The case of Venizelou Street • The urban Pylons of Piraeus & Fortification Art Museum <p>A. Alexopoulou, V. Ganiatsas</p> |
| <p>thursday 16/12</p> <ul style="list-style-type: none"> • 'Sections': Designing Archaeological Sites Vertically • Museum of Naxos, Greece <p>L. Koutsoumpos, A. Kouvela</p> | <p>thursday 23/12</p> <ul style="list-style-type: none"> • Regeneration of the Athens City Center • Ermou axis: Monastiraki to Thission <p>T. Andrianopoulos</p> |

24/12- 06/01 Christmas and New Year HOLIDAY

monday 07/01 - Thursday 13/01 ESSAY PREPARATION

Friday 17/01
ESSAY PRESENTATION

EMJMD ALA | Second semester | Athens

| September | October | October | November | November | December | December | January |
|-----------------------------|-----------------------------|-----------------------------|---|---|-----------------------------|----------------|---------------------------------------|
| 17 opening conference | 1 module 3.d | 17 weekend | 1 module 1.d | 17 trip to archaeological sites in Greece | 1 free | 17 module 3.d | 1-6 holidays |
| 18 weekend | 2 weekend | 18 module 1.d | 2 module 2.d | 18 trip to archaeological sites in Greece | 2 module 1.d module 4.d | 18 weekend | 7 essays preparation |
| 19 weekend | 3 weekend | 19 module 2.d | 3 free | 19 module 3.d | 3 module 3.d | 19 weekend | 8 essays preparation |
| 20 module 1.d | 4 module 1.d | 20 free | 4 module 1.d module 4.d | 20 weekend | 4 weekend | 20 module 1.d | 9 essays preparation |
| 21 module 2.d | 5 module 2.d | 21 module 1.d module 4.d | 5 module 3.d | 21 weekend | 5 weekend | 21 module 2.d | 10 essays and design work preparation |
| 22 free | 6 free | 22 module 3.d | 6 weekend | 22 module 1.d | 6 module 1.d | 22 module 3.d | 11 essays and design work preparation |
| 23 module 1.d module 4.d | 7 module 1.d module 4.d | 23 weekend | 7 weekend | 23 module 2.d | 7 module 2.d | 24-31 holidays | 12 essays and design work preparation |
| 24 module 3.d | 8 module 3.d | 24 weekend | 8 module 1.d | 24 module 1.d | 8 free | | 13 essays and design work preparation |
| 25 weekend | 9 weekend | 25 module 1.d | 9 module 2.d | 25 module 1.d module 4.d | 9 module 1.d module 4.d | | 14 ESSAYS PRESENTATIONS |
| 26 weekend | 10 weekend | 26 module 2.d | 10 free | 26 module 3.d | 10 module 3.d | | 15 weekend |
| 27 module 1.d | 11 module 1.d | 27 free | 11 module 1.d module 4.d | 27 weekend | 11 weekend | | 16 weekend |
| 28 module 2.d | 12 module 2.d | 28 module 1.d module 4.d | 12 module 3.d | 28 weekend | 12 weekend | | 17-26 design work preparation |
| 29 free | 13 free | 29 module 3.d | 13 weekend | 29 module 1.d | 13 module 1.d | | 27 DESIGN WORK PRESENTATIONS |
| 30 module 1.d module 4.d | 14 module 1.d module 4.d | 30 weekend | 14 weekend | 30 module 2.d | 14 module 2.d | | 28 DESIGN WORK PRESENTATIONS |
| | 15 module 3.d | 31 weekend | 15 trip to archaeological sites in Greece | | 15 free | | |
| | 16 weekend | | 16 trip to archaeological sites in Greece | | 16 module 1.d module 4.d | | |

NTUA | Athens

Module Leaders

Demiri, Konstantina [Professor (ret.), School of Architecture, NTUA]
Marda, Nelly [Professor, School of Architecture, NTUA] ()
Mikrakis, Manolis [Assistant Professor, School of Architecture, NTUA]
Moraitis, Konstantinos [Professor, (ret.) School of Architecture, NTUA]

Invited scholars

Panagiotopoulos, Diamantis [Professor of Classical Archaeology, University of Heidelberg]
Charitos, Dimitris [Associate professor, University of Athens]

Tutor

Andronikidou, Eva [Architect]

Invited Lecturers

Alexandridou, Alexandra [Assistant Professor, Department of History and Archaeology, University of Ioannina]
Alexopoulou, Aleka [Emeritus Professor, AUTH]
Antonas, Aristede [Professor, Department of Architecture, University of Thessaly]
Avgerinou-Kolonia, Sofia [Emeritus Professor, NTUA]
Bartol, Sandra [Professor, Department of Architecture, Munich University of Applied Sciences]
Carydi, Io [Dr. architect]
Costaki, Leda [Dr. Archaeologist, American School of Classical Studies at Athens]
Fouseki, Kalliopi [Professor of Sustainable Heritage Management, Bartlett School Env, Energy & Resources. Faculty of the Built Environment, UCL]
Galani, Dora [General Director of Urban Planning, Ministry of Environment and Energy]
Ganiatsas, Vassilis [Professor, School of Architecture, NTUA]
Gyftopoulos, Stavros [Associate Professor, School of Architecture, NTUA]
Goula, Maria [Associate Professor, College of Agriculture and Life Sciences - Department of Landscape Architecture, Cornell University]
Iliopoulou, Filio [Dr. architect]
Karidis, Dimitris [Emeritus Professor, NTUA]
Katakis, Stelios [Assistant Professor, Department of History and Archaeology, National and Kapodistrian University of Athens]
Katsianis, Markos [Assistant Professor, Department of History and Archaeology, University of Patras]
Konstantinidou, Elena [Associate Professor, School of Architecture, NTUA]
Korres, Manolis [Emeritus Professor, NTUA, member of the Academy of Athens]
Kosmas, Konstantinos [Architect]
Koutrolikou, Penny [Associate Professor, School of Architecture, NTUA]
Koutsoumpas, Leonidas [Assistant Professor, School of Architecture, NTUA]
Kouvela, Agni [Architect]
Kouzoupi, Aspasia [Dr. architect]
Lava, Riva [Assistant Professor, School of Architecture, NTUA]
Linden, Silva [Architect, Büros für Konstruktivismus]
Maistrou, Eleni [Emeritus Professor, NTUA]
Pallis, Georgios [Assistant Professor, Department of History and Archaeology, National and Kapodistrian University of Athens]
Plantzos, Dimitris [Professor, Department of History and Archaeology, National and Kapodistrian University of Athens]
Skantzouris, Nestoras [Architect]
Stavridis, Stavros [Professor, School of Architecture, NTUA]
Themelis, Petros [Emeritus Professor, University of Crete]
Theocharaki, Annita [Dr. archaeologist, Dipylon - Society for the Study of Ancient Topography]
Tournikiotis, Panayotis [Professor, School of Architecture, NTUA]
Tsiabaos, Konstantinos [Assistant Professor, School of Architecture, NTUA]
Yiotakis, Spyridon [Architect]
Vanucchi, Jamie [Assistant Professor, Director of Undergraduate Studies, College of Agriculture and Life Sciences, Department of Landscape Architecture, Cornell University]
Vozani, Ariadni [Associate Professor, School of Architecture, NTUA]

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