



NATIONAL TECHNICAL
UNIVERSITY OF ATHENS
[GREECE]



SAPIENZA UNIVERSITA
DI ROMA
[ITALY]



BEZALEL ACADEMY OF
ARTS AND DESIGN
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HELLENIC RESEARCH INSTITUTE
OF THE ALEXANDRIAN CIVILIZATION
[GREECE]



This is **Edicula**

Educational Digital Innovative Cultural heritage related Learning Activities
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The objectives of the **EDICULA project** are:

- to **reform the curricula of the three postgraduate programs** of the EDICULA partners, in order to exchange good practices and create new courses that in a complimentary approach will lead to the promotion of a Joint Master Degree in the field of protection of monuments
- to **develop the EDICULA Teachers' Course**, in order to train higher education teachers to promote the transdisciplinary scientific synthesis as a key element for innovative education
- to proceed with the **organization of multiplier events**, such as (i) hands-on events in Jerusalem and Alexandria, (ii) special conference sessions in Athens
- to **promote students to a professional and entrepreneurship mentality**, by advancing education in collaboration with enterprises concerning technical works and digital applications, and thus enhance learning outcomes to ensure professional qualifications



The objectives of the **EDICULA** project are:

- to cultivate cooperation between NTUA and UNIROMA1 in the **projects of rehabilitation of the Holy Aedicule** and the underground interventions in the Church of the Holy Sepulchre in Jerusalem,
- to utilize the interdisciplinary and innovative research in the rehabilitation of the Holy Aedicule, its context and setting, to trans-cut with the history of architecture in Jerusalem, through cooperation with BEZ and IAA, and promote **transdisciplinarity as an educational lever in the protection of monuments**, through cooperation with HRIAC
- to **create advanced educational material and dissemination** by using AR, through cooperation with PerpetielSI, to create (i) an educational toolkit and (ii) digital games, in order to promote social responsibility and awareness



EDICULA CURRICULA REFORMATION

Innovative changes of the educational curricula for Cultural Heritage related Master Programmes

NATIONAL TECHNICAL UNIVERSITY OF ATHENS

Post Graduate Programme on “Protection of Monuments”

Methodologies for the
conservation intervention

SAPIENZA UNIVERSITÀ DI ROMA

Master Program “Science and Technology for the Conservation of Cultural Heritage”

Techniques of the
conservation interventions

BEZALEL ACADEMY OF ARTS AND DESIGN

Post Graduate Program in “Urban Design”

Documentation and
knowledge-based design

ONE DOCTORAL THESIS PER UNIVERSITY PARTNER, focusing on the transdisciplinary approach in the protection of CH in complex environments by **common supervision (Cotutelle de thèse) of the 3 Universities**

to cover the **EDUCATIONAL NEEDS FOR EMERGING PROFESSIONAL PROFILES OF SCIENTISTS IN THE PROTECTION OF MONUMENTS** since new roles and responsibilities among diverse disciplines (i.e., architects, engineers, archaeologists, conservators and natural scientists) are required in the post-industrial era for sustainable development



Task 2.1 Post-Graduate Reformation: Design phase

- Due to the pandemic **NTUA** had to postpone the call of applications for the current academic year 2021-2022.



- The reformation of NTUA's Master Program "Protection of Monuments" was proposed as a seminar series, consisted of three educational components.

The seminar was addressed to postgraduate students from the three collaborating Master Programs from **NTUA, UNIROMA1, BEZ**.

The first seminar Dec 1-7 optional course "Interdisciplinary documentation, diagnosis, revealing and protection of Cultural Heritage towards sustainable development" (accredited to 7 ECTS) of the NTUA Master Program "Protection of Monuments" Direction "Materials and conservation interventions".

The first educational component was organized from December 1st to 7th, in order to be primarily evaluated during TMM_CH / EDICULA Educational Session. According to the evaluation the other two NTUA educational seminar shall be redesigned.



Task 2.1 Post-Graduate Reformation: Design phase

- **UNIROMA1** approved the didactic plan for the academic year 2021/22 for their Post Graduate Program, to include two new compulsory courses (each with 9 ECTS), and one optional (6 ECTS)

Basing on the topics, the syllabus and the laboratory activities, the subjects identified for the new Master Program are:

“Applied geosciences and bioconservation laboratory”, “Plant biology and conservation for cultural heritage” (9 ECTS) as possible core subjects

“Introduction to thesis and practical seminars” and Climate risk assessment (6 ECTS) as possible optional subjects.

The final choice will depend on the subjects identified by other Masters. The subjects will adapt the syllabus to the transdisciplinary collaboration with an open-minded scientific specialization approach. This will be obtained merging multidisciplinary theoretical and practical education, through laboratory and on-site surveys, experimental courses and educational visits and the elaboration of innovative postgraduate theses.



Task 2.1 Post-Graduate Reformation: Design phase

- **BEZ** is opening the new Conservation and Heritage Track in the Master Program in Urban Design.

The new program offers to examine the increasing importance of preservation as an integral component in the field of urban design and planning of the city, from a critical approach to the conservation activities and the essence of conservation in the urban space.



Task 2.2 Doctoral Reformation:

- **UNIROMA1** planned a PhD starting in the academic year 2021/2022 working on Edicula issues. The PhD thesis will include the Co-Supervision with NTUA or BEZ.

CSMs | City Scope Materials and Materiality Redefining urban heritage materiality: a conceptual study of Jerusalem

RESEARCH OBJECTIVES

Conceptualization and practicality: Understanding the relative role of materials and materiality in the notion of Historic Urban Landscape and urban life, and impact of new materials and contemporary intervention on the continuity, character and identity of urban heritage.

SPECIFIC OBJECTIVES

- Contemporary definition for materials and materiality as contributing attributes in urban heritage.
- Assessment tool for examining the components of materials and materiality in a HUA as part of a heritage impact assessment in urban renewal processes.

Dr. Adi Sela Wiener



Task 2.2 Doctoral Reformation:

☉ FUTURE IMPLICATIONS

Planning wise: learning from Jerusalem and Rome along with HUL approach, and the Impact Assessment tool, will enable drafting recommendations on new materials applicability in HUA. As part of developing planning guidelines for integrated conservation in urban regeneration processes in Israel while protecting the character of the city.

Dr. Adi Sela Wiener

Educational wise: insights from the field work and the Hand-on workshop, with EDICULA project's Joint Master's Degree in conservation, will support the developing of educational modules on materials and materiality in HUA.