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HELLENIC RESEARCH INSTITUTE OF  
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# EDICULA

## Educational Digital Innovative Cultural heritage related Learning Activities

Project Code: 2020-1-EL01-KA203-079108

Intellectual Output: **02 EDICULA Curricula Reformation**  
Deliverable: **D2.1 - Design of the curricula reformation for each Master Program**  
Lead Organization: **Sapienza University of Rome**  
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# 1 | INTRODUCTION

## 1.1 | OUTPUT 2

EDICULA project aims to reform the curricula of three post graduate programs in the field of Cultural Heritage, to permit their graduates, despite their discipline, to commonly respond to the need to face grand challenges and risks in complex environments. The parallel and complementary approach to the reformation of specific courses in these Master Programs, promotes the need for harmonization for the future creation of a Joint transdisciplinary Master Degree in the field of Monument Rehabilitation and Conservation.

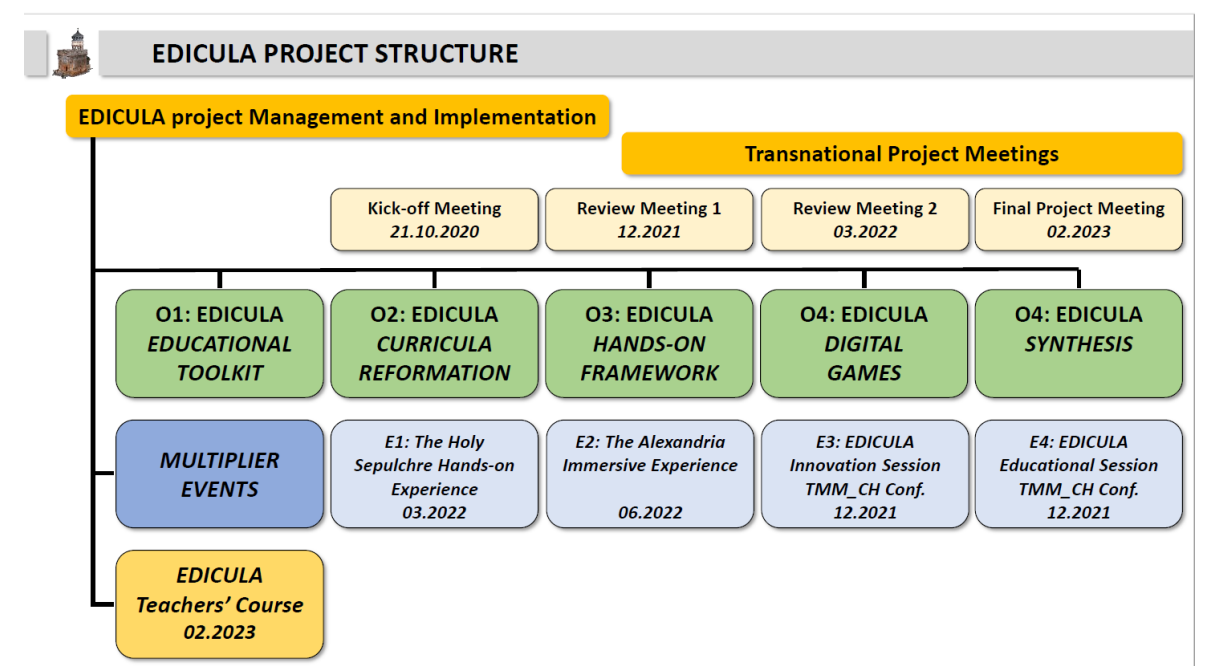


Fig. 1.1 | EDICULA Project Structure (EDICULA Kick-off Meeting 21.10.2020 Presentation)

The second output is (hereafter O2) – **EDICULA Curricula Reformation** requires the participation of the Executive Boards of the three participating Post Graduate Master:

- **NATIONAL TECHNICAL UNIVERSITY OF ATHENS (NTUA)** Post Graduate Program in "Protection of Monuments"
- **SAPIENZA UNIVERSITY OF ROME (UNIROMA1)** Post Graduate Program in "Science and Technology for the Conservation of Cultural Heritage"
- **BEZALEL ACADEMY OF ARTS AND DESIGN (BEZ)** Post Graduate Program in "Urban Design" together with the Conservation Unit in the Department of Architecture"

In particular,

NTUA Post Graduate Program in "**Protection of Monuments**" is focused on **Methodologies for the conservation and interventions.**





**Task 2.1 Design of the curricula reformation for each master program** was to some degree affected by the pandemic crisis in the context of disrupting the academic activities.

**Stage 1 of Task 2.1 regarded the design phase for each Master Program.**

NTUA postponed the 2021/22 call of their Post Graduate Program, pending an overall review and re-assessment of its curricula by its Executive Board. Some selected courses may be offered in the framework of integrated seminar cycles to evaluate the possible courses to consider in the new Master Program.

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” and
- “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 by merging multidisciplinary theoretical and practical education, through laboratory and on-site surveys, experimental courses and educational visits and the elaboration of innovative postgraduate theses.

BEZ is opening two new tracks in the Master Program in Urban Design which one is - Conservation and Heritage Track. The Master Program in Conservation and Heritage 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.

## LA SAPIENZA

### LM-11 SCIENCE AND TECHNOLOGY FOR THE CONSERVATION OF CULTURAL HERITAGE

COURSE TITLE	ECTS	SSD
PLANT BIOLOGY AND CONSERVATION FOR CULTURAL HERITAGE	9	
<i>Module 1</i>		6 - BIO/02
<i>Module 2</i>		3 - CHIM/12
APPLIED GEOSCIENCES AND BIOCONSERVATION LABORATORY	9	
<i>Module 1</i>		6 - GEO/09
<i>Module 2</i>		3 - CHIM/12

CLIMATE RISK ASSESSMENT OF CULTURAL HERITAGE	6	FIS/06
INTRODUCTION TO THESIS AND PRACTICAL SEMINARS	6	
<i>Module 1</i>		3 - CHIM/12
<i>Module 2</i>		3- BIO/02
<b>TOTAL</b>	<b>30</b>	<i>one semester</i>

First three courses are new (the first two are compulsory for all the enrolled students from a.a. 2021/22) and syllabus are still fluid to be modulated on EDICULA needs. The four core scientific disciplines are represented and the focus is on conservation on stone and cellulosic materials, biodeterioration, problems connected to climate change and outdoor/indoor environment.

The last course is an “open box” with a general part about good practices in presenting a project and writing a scientific text (2 ECTS) and a second part dedicated to excursions and hands on experiences (so far carried out on Italian archaeological/historical sites such as Pompeii, Herculaneum, Ravenna, Deruta, Cerveteri, Tarquinia and excavation sites such as Pyrgi and Castrum Novum) eventually available to be filled with contents related to Holy Sepulchre.

September 2021