

# Unveiling Medieval Monastic Dynamics

Traditional and digital approaches for landscape, architecture, heritage (M\_Dyn)

## General description

This **Erasmus+ Blended Intensive Programme** aims to develop a didactic approach to studying religious landscapes, to understand their diachronic evolution since the Middle Ages, and their past and current values.

The course will provide participants with the knowledge and skills needed to understand a historical landscape through theoretical classes and practical activities, joining on-site and off-site methodologies and traditional and digital technologies.

Based on a real case study, lectures and practical activities will focus on examining medieval archival documents through historical, cultural, and ecological lenses, acquiring, managing, and analyzing data from digital survey technologies, and introducing data in GIS environments.

Traditional and digital methodologies will be applied. The last ones include a three-level approach with i) aerial Photogrammetry and Laser Scanning for a wider portion of the territory, ii) terrestrial Photogrammetry and Laser Scanning for built structures, iii) georadar surveys for underground hydraulic systems.

The selected case study is the Nossa Senhora da Saudação convent, located in Montemor-o-Novo, in Alentejo region (south of Portugal).



This area will allow the application of an interdisciplinary approach, joining: i) medieval history and architecture (IEM-NOVA FCSH – Portugal); ii) landscape and ecology (University of Évora – Portugal); iii) architectural heritage, preservation and restoration guidelines (Politecnico di Torino – DAD/Department Architecture and Design); iv) engineering and computer science (Università di Pavia – Italy); v) archaeology and digital humanities (The Cyprus Institute – Cyprus).

Students will be invited to contribute to developing content for its interpretation.

## Language

The activity will be exclusively held in English.

## Recipients

Bachelor's in the disciplinary areas of history, history of architecture, restoration, architectural heritage, and landscape architecture are interested in obtaining fundamental knowledge and skills in digital survey methodologies applied to landscape scales.

Students attending the BIP will have the unique opportunity to experience an integrated, interdisciplinary, and international formation.

## Maximum number of participants

30 from all the participating universities. Each university will have an established quota

## Credits

The program will deliver **3 credits ECTS**.

## When

Online distance learning sessions will be held in September 2024: 8 hours before the on-site activities to introduce the topics for the working sessions; 40 hours of face-to-face activities are foreseen in Lisbon and Montemor-o-Novo, from September 16th to 20th, 2024.

## Fees and obligations

The program does not require the payment of any fee and includes participation in all BIP activities. Participation in the program can be funded through **Erasmus+ mobility grants**, contributing to cover travel, accommodation, and meals costs.

Participants are required to participate in the BIP activities with their own laptops.

## Information for Politecnico di Torino students

### Applications and deadlines

To apply, send the local coordinator ([francesco.novelli@polito.it](mailto:francesco.novelli@polito.it)) an email with your full name, the Bachelor or Master of Science you are attending, the year, and your intention to participate in the Workshop.

Attach the following documents (in pdf format) to your email:

- A Motivation letter (max 500 words) written in English;
- Your Curriculum Vitae (or portfolio), including the POLITO B. or M.Sc. exams you have passed and the mark.

### ***The application must be submitted by June 23<sup>rd</sup>, 2024.***

Further steps are detailed in the section "General Timeline & calendar" (see below).

## Requirements

- Laurea in Architettura/Architecture: 2<sup>nd</sup> or 3<sup>rd</sup> year completed during the academic year 2023/2024; obtain the *Laurea* not earlier than December 2024;
- Laurea Magistrale in Architettura costruzione città/Architecture construction city; Architettura per il Patrimonio/Architecture for Heritage; Architettura per la Sostenibilità/Architecture for Sustainability: 1<sup>st</sup> or 2<sup>nd</sup> year completed during the academic year 2023/2024; obtain the *Laurea Magistrale* not earlier than December 2024;

- Participants must be enrolled for the academic year 2024/2025 before the starting date of BIP activities, virtual part included (see section “General timeline & calendar”).

### Selection criteria

Candidates will be assessed based on their motivation, preparation, competencies and expertise, and research skills, inferable from the documents sent to the application. A Commission, composed of the PoliTO Staff involved in the activity, will assess the candidates.

### List of participants

An email will be sent to selected candidates on July 3<sup>rd</sup>, 2024. The list will comprise up to 10 selected students + 2 eligible candidates (reserve list).

The 10 selected students shall email ([francesco.novelli@polito.it](mailto:francesco.novelli@polito.it)) to communicate the acceptance of their position no later than July 10<sup>th</sup>, 2024.

If one of the 10 selected students cancels his/her participation in time, the first eligible candidate in the reserve list will take his/her place.

### Erasmus+ scholarship

Upon completing the selection procedures, the 10 selected students will be informed by the PoliTO International Mobility Unit about the allocation of Erasmus+ scholarships.

### Credit recognition

All participants must complete a Learning Agreement that will guarantee credit recognition (instructions will be sent by the International Mobility Unit).

The 3 ECTS credits will be automatically recognized as *EXTRACURRICULARI*, in addition to the number of credits required to complete the *Laurea* or *Laurea Magistrale* path.

### DISCLAIMER

The organization is NOT accountable if the activity is cancelled for any *force majeure* reason.

**For any information and/or clarification request, please email the local activity coordinator ([francesco.novelli@polito.it](mailto:francesco.novelli@polito.it)).**

## General timeline & calendar

### Selection Process

13 <sup>th</sup> June 2024	Launch of the Call for Participation
<b>23<sup>rd</sup> June 2024</b>	<b>Deadline for students' application</b>
3 <sup>rd</sup> July 2024	Notification of the results
10 <sup>th</sup> July 2024	Deadline for acceptance (1 <sup>st</sup> round)
17 <sup>th</sup> July 2024	Deadline for acceptance (2 <sup>nd</sup> round) – if needed
18 <sup>th</sup> July 2024	Finalisation of the list of Participants

### Schedule

**2<sup>nd</sup> September 2024** (9.30-12.30 | online) | 4 hours

*Traditional Approaches for Landscape, Architecture and Heritage*

**9<sup>th</sup> September 2024** (9.30-12.30 | online) | 4 hours

*Traditional Approaches for Landscape, Architecture and Heritage*

**16<sup>th</sup>-20<sup>th</sup> September 2024** (on-site | Lisboa and Montemor-o-Novo) | 40 hours

16<sup>th</sup> September: Masterclasses (NOVA-FCSH)

17<sup>th</sup> September: Traditional and Digital Survey /Analyzing the Heritage (Convento da Saudação)

18<sup>th</sup> September: Traditional and Digital Survey/Analyzing the Heritage (Convento da Saudação)

19<sup>th</sup> September: Data processing (Montemor-o-Novo)

20<sup>th</sup> September: Data Processing + Preservation and restoration guidelines + Results Presentation (Montemor-o-Novo)

### **International Partners and Teachers**

- [Instituto de Estudos Medievais, NOVA FCSH \(Portugal\)](#)  
Disciplinary field: Medieval History and Architecture  
Rolando Volzone, Catarina Tente, João Luís Fontes, and Tomás Cordero
- [University of Évora \(Portugal\)](#)  
Disciplinary field: Landscape and Ecology  
Aurora Carapinha and Paula Simões
- [Politecnico di Torino, Department Architecture and Design \(Italy\)](#)  
Disciplinary field: Architectural heritage / preservation and restoration guidelines  
Francesco Novelli
- [University of Pavia \(Italy\)](#)  
Disciplinary field: Engineering and Computer Science  
Raffaella de Marco, and Francesca Picchio
- [The Cyprus Institute \(Cyprus\)](#)  
Disciplinary field: Archaeology and Digital Humanities  
Nikolas Bakirtzis.