



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Enhancement of Fragile Cultural Heritage

2425-1-124R012

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#### **Title**

Enhancement of fragile cultural heritage

#### **Teacher(s)**

Ezio Giovanni Bolzacchini ; Luca Ferrero ; Chiara Rostano

#### **Language**

English

#### **Short description**

Evaluation of atmospheric micropollutants in museum and conservation environments and their effects on cultural heritage both indoors and outdoors.

Fluid-dynamic study of air conditioning and filtration systems (HVAC) in order to control pathologies attributable to the spread of atmospheric pollutants and atmospheric particulate matter.

Monitoring of the structural effects produced by global warming on monumental architectures and damage reduction processes.

Application of diagnostic imaging in dynamic monitoring systems for damage prevention

Evaluation: YES - Activity during the course

### **CFU / Hours**

2 CFU - 20 Hours

2 four-hour lectures, in person, Delivered Didactics (1cfu)

3 four-hour museum visits, in person, Interactive Teaching (1cfu)

### **Teaching period**

II semester: May-June 2024

### **Sustainable Development Goals**

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