



## Course announcement

# Introduction to Building Information Modelling. *A BIM use case for cultural heritage conservation*

Lecturer **Andrei CRIȘAN**

8 hours



### ABSTRACT (course will be presented in English)

The course offers a brief introduction to **Building Information Modelling** (BIM), tailored specifically for students. As the world increasingly turns to digital solutions for the preservation and restoration of historical sites, understanding BIM is pivotal for those aspiring to contribute to a more environmentally friendly construction industry.

The course begins with introduction the principles of BIM, presenting its significance and applications. Students will gain insight into how BIM serves as a collaborative tool, enabling various stakeholders from a construction projects to access and interact with a digital representation of a building's physical and functional characteristics.

Next, the course will explore the openBIM concept, that, in contrast to closed BIM, offers a more transparent approach, additional interoperability and collaboration among various software tools and enhances the accessibility and longevity of information.

The course will present the advantages and limitations of BIM applied for cultural heritage applications.

**Multiple options questions** based on the lecture content.

✉ Register sending email to:

[massimiliano.pepe@unich.it](mailto:massimiliano.pepe@unich.it), [andrei.crisan@upt.ro](mailto:andrei.crisan@upt.ro) and [tea.taraborelli@unich.it](mailto:tea.taraborelli@unich.it) (in cc)

TIMETABLE			
<b>TUESDAY</b>	07/05/2024	09:00	13:00
<b>WEDNESDAY</b>	08/05/2024	09:00	13:00