

# DIGITAL HUMANITIES (LM70)

(Università degli Studi)

## Teaching GIS LABORATORY

GenCod A004204

Owner professor PAOLO GULL

Teaching in italian GIS LABORATORY

Course year 2

Teaching GIS LABORATORY

Language INGLESE

SSD code L-ANT/07

Curriculum COMUNE/GENERICO

Reference course DIGITAL HUMANITIES

Course type Laurea Magistrale

Location

Credits 6.0

Semester Secondo-Semestre

Teaching hours Ore-Attività-frontale:  
42.0

Exam type Orale

For enrolled in 2020/2021

Assessment Voto-Finale

Taught in 2021/2022

Course timetable  
<https://easyroom.unisalento.it/Orario>

### BRIEF COURSE DESCRIPTION

The course introduces the realization of web applications based on GIS with particular reference to the digital diffusion of cultural heritage. The technology used will be the ArcGIS Online platform and in particular the Storymap tool and the Web appbuilder. Students will have access to the ArcGIS Online platform and necessary software. The same access will allow them to use the training tools (see below).

### REQUIREMENTS

Have attended first-year GIS course or equivalent knowledge

### COURSE AIMS

The objective of the course is to enable students to create GIS-based web applications related to cultural heritage.

### TEACHING METHODOLOGY

face-to-face classes or through the Teams platform. Both traditional lectures and lab activities with student presentations are provided. There are also review sessions of the work during its preparation.

### ASSESSMENT TYPE

Oral exam. Presentation of the work by the candidate (including collectively in the case of group work). Discussion of outcomes

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## REFERENCE TEXT BOOKS

The following training resources are available for preliminary knowledge of the platform

Gis fundamentals and ArcGIS Pro:

1. GIS Basics

<https://www.esri.com/training/catalog/5d9cd7de5edc347a71611ccc/gis-basics/>

2. Get started with ArcGIS Pro

<https://learn.arcgis.com/en/projects/get-started-with-arcgis-pro/>

3. Cartographic Creations in ArcGIS Pro

<https://www.esri.com/training/catalog/592480f42a01eb14e793d0e7/cartographic-creations-in-arcgis-pro/>

ArcGIS Online:

4. ArcGIS Online Basics

<https://www.esri.com/training/catalog/5d816c0255cf937306d2d3ef/arcgis-online-basics/>

5. Make Your Own Smart Maps

<https://www.esri.com/training/catalog/5b3654b442cbd2069a8a5fef/make-your-own-smart-maps/>

6. Creating and Sharing GIS Content Using ArcGIS Online

<https://www.esri.com/training/catalog/57630434851d31e02a43ef4d/creating-and-sharing-gis-content-using-arcgis-online/>

7. Authoring 3D Scenes

<https://www.esri.com/training/catalog/5e70eb2417148e49006ea3c6/authoring-3d-scenes/>