DIGITAL HUMANITIES (LM70)

(Università degli Studi)

Teaching GIS LABORATORY

GenCod A004204

Owner professor PAOLO GULL

Teaching in italian GIS LABORATORY

Teaching GIS LABORATORY

SSD code L-ANT/10

Reference course DIGITAL HUMANITIES

Course type Laurea Magistrale

Credits 6.0

Teaching hours Front activity hours: 42.0

For enrolled in 2022/2023

Taught in 2022/2023

Course year 1

Language ENGLISH

Curriculum COMUNE/GENERICO

Location

Semester Second Semester

Exam type Oral

Assessment Final grade

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 appbulider. 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

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/