

DIGITAL HUMANITIES (LM70)

(- Università degli Studi)

Insegnamento GIS APPLICATIONS IN CLASSICAL ARCHAEOLOGY

GenCod A004651

Insegnamento GIS APPLICATIONS IN CLASSICAL ARCHAEOLOGY

Insegnamento in inglese GIS APPLICATIONS IN CLASSICAL

Settore disciplinare L-ANT/07

Corso di studi di riferimento DIGITAL HUMANITIES

Tipo corso di studi Laurea Magistrale

Crediti 6.0

Ripartizione oraria Ore Attività frontale: 42.0

Per immatricolati nel 2020/2021

Erogato nel 2020/2021

Anno di corso 1

Lingua INGLESE

Percorso COMUNE/GENERICO

Docente Grazia SEMERARO

Sede

Periodo Secondo Semestre

Tipo esame Orale

Valutazione Voto Finale

Orario dell'insegnamento

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

BREVE DESCRIZIONE DEL CORSO

The course aims to provide the theoretical and methodological background for skilful use of Geographic Information Systems (GIS) in historical research contexts with a focus on archaeological applications.

PREREQUISITI

Familiarity with computers (at least at ECDL level)

OBIETTIVI FORMATIVI

The lectures and the exercises in front of a computer will provide students with a general overview of GIS technology . Students will be able to:

- Utilize the core components and functionality of a GIS
- Employ a variety of geospatial data types, data sources and metadata management techniques
- Create, manipulate, query and analyze geospatial data

METODI DIDATTICI

The course will consist of lectures and practical tasks to be held in laboratory

MODALITA' D'ESAME

Following the new provisions to avoid coronavirus infection, it will be possible to take the spring session exams only in online mode (see for guidelines [unisalento.it/webiste](https://www.unisalento.it/webiste)).The following indications concern the traditional methods, which I hope will be able to resume as soon as possible.

a. Oral exam

The examination aims at assessing:

- Knowledge and understanding of the contents of the course
- Practical abilities

APPELLI D'ESAME

4 .9. 2020
15.10. 2020
28.1. 2021
11.2. 2021
25.2. 2021
8 .4. 2021 *
20 5. 2021 **
17.6. 2021
1.7. 2021
22.7. 2021

ALTRE INFORMAZIONI UTILI

PROGRAMMA ESTESO

The course aims to provide the theoretical and methodological background for skilful use of Geographic Information Systems (GIS) in historical research contexts with a focus on archaeological applications.

This course will serve as an introduction to GIS technology and its applications to archaeological data management and analysis. Students will learn how to compile, transform, analyze and present sources of archaeological and historical data, and will utilize this information in GIS for cultural resources interpretation and management. References to selected research studies in Classical Archeology will be provided.

Reference material:

- a. Institutional course: GIS - Guide on line: <http://ads.ahds.ac.uk/project/goodguides/gis/>;
- b. Monographic course: D. Wheatley, M. Gillings (2002). *Spatial Technology and Archaeology*. Taylor & Francis, New York .

TESTI DI RIFERIMENTO

Reference material:

- a. Institutional course: GIS - Guide on line: <http://ads.ahds.ac.uk/project/goodguides/gis/>;
- b. Monographic course: D. Wheatley, M. Gillings (2002). *Spatial Technology and Archaeology*. Taylor & Francis, New York .