

EUROPEAN HERITAGE, DIGITAL MEDIA AND THE INFORMATION

(- 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 EUROPEAN HERITAGE, DIGITAL MEDIA

Tipo corso di studi Laurea Magistrale

Crediti 6.0

Ripartizione oraria Ore Attività frontale: 42.0

Per immatricolati nel 2018/2019

Erogato nel 2018/2019

Anno di corso 1

Lingua INGLESE

Percorso INTERNAZIONALE

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

a. Oral exam

The examination aims at assessing:

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

APPELLI D'ESAME

21 Maggio 2019

14 Giugno 2019

12 Luglio 2019

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:

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- b. Monographic course: D. Wheatley, M. Gillings (2002). *Spatial Technology and Archaeology*. Taylor & Francis, New York .