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.

**REQUIREMENTS**

Familiarity with computers (at least at ECDL level)

**COURSE AIMS**

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

**TEACHING METHODOLOGY**

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

**ASSESSMENT TYPE**

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 website). The following indications concern the traditional methods, which I hope will be able to resume as soon as possible.

- Oral exam
  - Knowledge and understanding of the contents of the course
  - Practical abilities
ASSESSMENT SESSIONS

6.9.2019
14. 11. 2019
30.1. 2020,
13.2. 2020
13. 3. 2020*
22. 4. 2020
4. 6. 2020**
18.6. 2020
2.7. 2020
23. 7. 2020

FULL SYLLABUS

The course aims to provide the theoretical and methodological background for skillful 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 Archaeology will be provided.

Reference material:

c. Institutional course: GIS - Guide on line: http://ads.ahds.ac.uk/project/goodguides/gis/;


REFERENCE TEXT BOOKS

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