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

1. Oral exam

The examination aims at assessing:
- Knowledge and understanding of the contents of the course
- Practical abilities
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:**

**TESTI DI RIFERIMENTO**

Reference material: