EUROPEAN HERITAGE, DIGITAL MEDIA AND THE INFORMATION

(Università degli Studi)

Teaching GIS APPLICATIONS IN CLASSICAL ARCHAEOLOGY

GenCod A004651

Owner professor Giuseppe CERAUDO

Reference professor for teaching Grazia SEMERARO

Teaching in italian GIS APPLICATIONS IN CLASSICAL ARCHAEOLOGY

Teaching GIS APPLICATIONS IN CLASSICAL ARCHAEOLOGY

SSD code L-ANT/07

Reference course EUROPEAN HERITAGE, DIGITAL MEDIA AND THE

Course type Laurea Magistrale

Credits 6.0

Teaching hours Front activity hours: 42.0

For enrolled in 2019/2020

Taught in 2019/2020

Course year 1

Language ENGLISH

Curriculum INTERNAZIONALE

Location

Semester Second Semester

Exam type Oral

Assessment Final grade

Course timetable
https://easyroom.unisalento.it/Orario

BRIEF COURSE DESCRIPTION	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.

a. Oral exam

The examination aims at assessing:

-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 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 .

REFERENCE TEXT BOOKS

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