

**COURSE DATA****DATA SUBJECT**

Code: 43111
Name: Workshop 1. Fieldwork: prospecting
Cycle: Master's Degree
ECTS Credits: 3
Academic year: 2026-27

STUDY (S)

Degree	Center	Acad. year	Period
2143 - Master's Degree in Archaeology	Facultat de Geografia i Història	1	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
2143 - Master's Degree in Archaeology	Theory and practice of archaeology	COMPULSORY

COORDINATION

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SUMMARY

The aim of the workshop is to train the students in the techniques of field work (archaeological survey), as well as in the procedures for managing the information generated. All this is essential for the practice of archaeology. In parallel, students will be introduced to the knowledge of the basic principles of surveying necessary to understand and evaluate the formation of the archaeological record.

In this matter it is important to see in direct the problematic that the archaeological deposits present and the stratigraphic deposits of interest. For this reason, laboratory work and field trips have been programmed in an eminently practical way.

The program will focus on the design, execution and presentation of an archaeological survey. (3 credits). Classroom with Internet connection and appropriate programs for the treatment of information. Field work.

PREVIOUS KNOWLEDGE**RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE**

There are no specified enrollment restrictions with other subjects of the curriculum.



OTHER REQUIREMENTS

No prerequisites are required except those set to access the Masters.

COMPETENCES / LEARNING OUTCOMES

2143 - Master's Degree in Archaeology

Adquirir y asumir los principios de la ética profesional o investigadora en relación con la Arqueología de cara a su futura labor profesional y respetar la legislación en materia de Patrimonio arqueológico.

Analizar y sintetizar información de manera crítica. Trabajar de forma autónoma, resolviendo problemas y tomando decisiones.

Be able to access the information required (databases, scientific articles, etc.) and to interpret and use it sensibly.

Capacidad de utilizar las herramientas informáticas, cartográficas y estadísticas adecuadas para la actividad arqueológica profesional o investigadora.

Capacidad para delimitar las características de un yacimiento arqueológico y su interés

Capacidad para establecer la estrategia más adecuada de excavación y documentación, diseñando un plan de acción razonado y evaluado en términos económicos.

Capacidad para reconocer y diferenciar entre las distintas clases de arqueomateriales, aplicando los procedimientos adecuados para su inventario y catalogación.

Conocer y utilizar las herramientas de información de otras áreas de conocimiento (Geoarqueología, Cartografía, Topografía, Estadística y Arqueometría), recurriendo adecuadamente a ellas en relación con las necesidades que plantee el trabajo en Arqueología.

Integrarse en el trabajo arqueológico en equipo, considerando la diversidad de campos de actuación y la formación que implica la labor de campo o la investigación arqueológica.

Students should apply acquired knowledge to solve problems in unfamiliar contexts within their field of study, including multidisciplinary scenarios.

Students should be able to integrate knowledge and address the complexity of making informed judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities associated with the application of their knowledge and judgments.

Students should demonstrate self-directed learning skills for continued academic growth.

Students should possess and understand foundational knowledge that enables original thinking and research in the field.

Valorar las estrategias de desarrollo de la actividad de campo y de gestión, o de investigación en Arqueología. Habida cuenta de que cualquier actividad de campo, de gestión o de investigación en Arqueología requiere una adecuada comprensión de los objetivos, tiempos, medios y recursos disponibles,



así como una planificación adecuada de las metodologías y acciones a llevar a cabo en relación con los mismos.

DESCRIPTION OF CONTENTS

Archaeological survey

1. Introduction to the use of a GIS.

- 1.1 Viewing spatial data.
- 1.2 Spatial information elaboration.
- 1.3 Production of maps in high quality format.

2. Use of GPS.

- 2.1 Configuration (Coordinate Reference Systems).
- 2.2 Data collection.
- 2.3 Data download and mangement.

3. Archaeological survey project.

- 3.1. Planning in accordance with the objectives.
- 3.2. Archaeological survey report.

4. Field trip: Data collection

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	10,00
Other activities	6,00
Laboratory	2,00
Total hours	18,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	0,00
Individual or group project	0,00
Independent study and work	0,00
Preparation of lessons	0,00
Preparation for assessment activities	0,00
Resolution of case studies	0,00
Total hours	0,00

TEACHING METHODOLOGY



A. Classes

The subject has two parts with a very different methodology: theoretical expositions and practical classes in the classroom and outside the campus.

The classes are taught at 3 sessions of 4 hours, in which practical skills and an exit to the field of full day that will have a specific schedule. Its development will have the audio-visual means to use (presentations and projection of digital files) and with the adequate computer equipment. These classes will be practical.

It will be proposed that students take readings prior to the teacher's exposure of a particular topic. The readings will usually be from articles or from some chapter of the manuals.

Readings and progress will be tracked through the exercises performed during the internship.

Practical classes and field trips aim to reinforce and apply to specific cases the knowledge acquired during the theoretical classes.

B. Tutoring:

If the development of the subject requires it will be scheduled extra classes where students can raise problems or questions about the development of the same to the responsible teacher or the respective modules. In any case, students will be able to attend the regular office hours, established in the teachers' teaching calendar, for all kinds of queries related to the content of the syllabus or any other matter related to the subject or its modules.

C. Assistance to other activities:

They are not pre-programmed activities. But it will be advised to attend conferences, courses and / or exhibitions that are related to the theme of the subject.

EVALUATION

The above mentioned methodological approach pursues the objective of favoring a frequent and continuous contact of the teaching staff with the students so that it is possible to know the progress of their learning and carry out an evaluation of this in several levels and attending to several aspects. Thus, the evaluation of the subject will consist of a continuous assessment complemented with objective data from the project carried out by the students:

- Attendance at 80% of the classes.

- Mandatory presentation:



Presentation of a project on a case study. This project will consist of an archaeological survey report, for which a descriptive report (supported by charts and graphics) and its assessment will have to be made.

- The participation in class, the way of presenting the works and the content of the works will be evaluated.

Attendance at conferences, seminars and guided tours: a set of activities outside the classroom with a compulsory nature can be programmed that the students will have to account for by actively assisting them.

REFERENCES

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- García-Díez, M. - L. Zapata (2013). Métodos y Técnicas de Análisis y estudio en Arqueología prehistórica. De lo técnico a la reconstrucción de los grupos humanos. Servicio Editorial de la Universidad del País Vasco, Vitoria.
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