

61264 - Paleotechnology and experimental archaeology

Syllabus Information

Academic year: 2024/25

Subject: 61264 - Paleotechnology and experimental archaeology

Faculty / School: 103 - Facultad de Filosofía y Letras

Degree: 553 - Master's in the Ancient World and Archaeological Heritage

ECTS: 4.0

Year: 1

Semester: First semester

Subject type: Optional

Module:

1. General information

Optional subject included in module 3, which promotes analytical skills at an advanced level in the evaluation of the technological component in stone and bone of ancient and recent prehistory. In addition, through repeatable experimental protocols, the techniques and processes in which these technological systems concur are recorded, analyzed and explained. These approaches and objectives are aligned with the Sustainable Development Goals (SDG) 4, 5, 10, 16 and 17 of the United Nations 2030 Agenda.

Certain knowledge related to the subjects that, in relation to ancient and recent Prehistory and with theoretical and methodological aspects, are taught in the Degree in History at the University of Zaragoza are required; or subjects with similar content from other study plans, degrees and universities.

The course offers the possibility of internal extracurricular internships in campaigns with an archaeological component.

2. Learning results

The student, to pass this subject, must demonstrate the following results:

- Study at an advanced level and in accordance with the latest trends, archaeological, lithic and bone materials, their dating and classification according to their social implications (CE11).
- Develops documentation strategies about the manufacturing processes of lithic utensils and bone tools in the different phases of Prehistory (CT4).
- Develop communication strategies of learning results in different supports in the academic field from the study of the manufacturing process of lithic utensils and prehistoric bone tools (CT4).
- Is capable of leading the completion of work on the advanced contents of the subject in a group, or of carrying out the same work as another member of the team, performing the assigned tasks with professionalism and empathy (CG1).
- Applies the knowledge acquired on lithic and bone paleotechnology and Experimental Archeology to solve problems in new or little-known environments within broader (or multidisciplinary) contexts (CB2).
- Communicates their conclusions and the knowledge acquired while studying this subject and the ultimate reasons that support them to specialized and non-specialized audiences in a clear and unambiguous way (CB4).
- Possesses the learning skills that allow them to continue studying in the field of Paleotechnology, lithics and bone and Experimental Archeology in a way that will have to be largely self-directed or autonomous (CB5).

3. Syllabus

Block I

1. General questions about the lithic industry: subjects, concepts and typologies.
2. Lithic technology
3. Lithic typology: Paleolithic and Epipaleolithic.
4. Bone technology and typology: Paleolithic and Post-Paleolithic.

Block II

1. Theoretical and methodological aspects.
Experimental Archaeology: history and development.
Experimental Archeology as a tool for scientific dissemination.
Design of experimental protocols: variables and databases.
2. Development of a practical case (The characteristics of the practical case will be determined with the students).

4. Academic activities

The learning process that has been designed for this course is based on the following:
Theoretical classes, practical assistance classes and work with problem solving, individually or in groups, supervised by the teacher on certain paleotechnological aspects and experimental archaeology.

5. Assessment system

FIRST CALL

a) Continuous Assessment Test:

1. Participation in the open debates in the theoretical classes and in the care practices, will mean 20% of the final grade.
2. Carrying out work and different activities in care practices under the supervision of a teacher, will constitute 40% of the final grade.
3. Carrying out a work, individually or in a group, supervised will mean 40% of the final grade.

Evaluation criteria:

In the participation in the debates of the theoretical and practical care classes, the following will be valued: the modes of expression, the correct use of terminology, as well as the knowledge of the basic bibliography on Paleotechnology and Experimental Archaeology.

In the activities of the care practices, the following will be valued: participation, willingness to work, neatness and good writing of the presentation of the final result and knowledge of the contents of the theoretical classes.

In the presentation of supervised works, the following will be valued: presentation and writing, the quality of the graphic apparatus (drawings, photographs, graphs, etc.), the originality of its structure, knowledge of recent bibliography and the application and development of the contents. theoretical and practical acquired.

b) Comprehensive Assessment Test (to be carried out on the date set in the academic calendar):

1. Written test on the theoretical contents that appear in the course program and in the bibliography provided (60%).
2. Written exercise with resolution of practical cases (40%).

Evaluation criteria:

1. Adequate writing and absence of spelling mistakes.
2. Knowledge of the contents of the program, according to the level of the master's degree.
3. Answers with clear and coherent content, as well as a precise argument.

6. Sustainable Development Goals

- 4 - Quality Education
- 5 - Gender Equality
- 10 - Reduction of Inequalities