

## 61264 - Paleotechnology and experimental archaeology

### Información del Plan Docente

<b>Academic Year</b>	2016/17
<b>Academic center</b>	103 - Facultad de Filosofía y Letras
<b>Degree</b>	553 - Master's in the Ancient World and Archaeological Heritage
<b>ECTS</b>	4.0
<b>Course</b>	1
<b>Period</b>	First semester
<b>Subject Type</b>	Optional
<b>Module</b>	---

### **1.Basic info**

#### **1.1.Recommendations to take this course**

#### **1.2.Activities and key dates for the course**

### **2.Initiation**

#### **2.1.Learning outcomes that define the subject**

#### **2.2.Introduction**

### **3.Context and competences**

#### **3.1.Goals**

#### **3.2.Context and meaning of the subject in the degree**

#### **3.3.Competences**

#### **3.4.Importance of learning outcomes**

### **4.Evaluation**

### **5.Activities and resources**

#### **5.1.General methodological presentation**

See "Learning activities " and "Syllabus".

More information will be provided on the first day of class.

#### **5.2.Learning activities**

- Theoretical lectures.
- Practical lectures.
- Individual work.

## 61264 - Paleotechnology and experimental archaeology

- Personal study.
- Assessment activities.

### 5.3.Program

#### First Unit

1. General topics concerning lithic industry: raw materials, concepts and technologies.
2. Lithic technology.
3. Lithic typology: Palaeolithic and Epipalaeolithic.
4. Osseous technology and typology: Palaeolithic and Post-Palaeolithic.

#### Second Unit

1. Theoretical and methodological aspects.
  - Experimental archaeology: history and development.
  - Experimental archaeology as a tool for scientific vulgarisation.
  - Design of experimental protocols: variables and databases.
2. Development of a case study (its precise elements will be determined with the students).

### 5.4.Planning and scheduling

See the academic calendar of the University of Zaragoza (<http://academico.unizar.es/calendario-academico/calendario>) and the website of the Faculty of Philosophy and Arts ( *Schedule of classes* :

<https://fyl.unizar.es/horario-de-clases#overlay-context=horario-de-clases>; Examination schedule:

<https://fyl.unizar.es/calendario-de-examenes#overlay-context=>)

More information will be provided on the first day of class.

### 5.5.Bibliography and recommended resources

- American anthropologist : journal of the American Anthropological Association . New Hampshire, Washington D.C : American Anthropological Association, 1888- [Publicación periódica] [Ascher, R. A.: ?Experimental archaeology?, nº 63, 1961 pp.: 793-816]
- Tecnología lítica experimental : introducción a la talla de utillaje prehistórico / edited by Javier Baena Preysler Oxford : British Archaeological Reports, 1998.
- ois. Typologie du Paleolithique Ancien et Moyen / François Bordes . - [5e. éd.] Paris : Presses du CNRS, cop. 1988.
- Cole, John M.: Archaeology by Experiment / John M. Coles London: Hutchinson University Library, 1973.
- Demars, Pierre-Yves. Types d'outils lithiques du Paléolithique supérieur en Europe / Pierre-Yves Demars et Pierre Laurent Paris : Centre National de la Recherche Scientifique, 1989.
- Experiment and design: archaeological studies in honour of John Coles / Anthony Harding Oxford: Oxbow, 1999.
- Experimental Archeology / Daniel Ingersoll, John E. Yellen, William Macdonald (eds.) New York: Columbia University Press, 1977.
- Piel-Desruisseaux, Jean-Luc. Outils préhistoriques : forme, fabrication, utilisation / Jean-Luc Piel-Desruisseaux Paris [etc.] : Masson, 1986.
- Ramseyer, Denis. Industrie de l'os préhistorique : Cahier 11, Matières et techniques / Denis Ramseyer Société Préhistorique Française, 2004.
- Reynolds, Peter J.. Arqueología experimental : una perspectiva de futur / Peter J. Reynolds ; traducció de María Pilar Espadaler Vic, Osona : Eumo Editorial, 1988.
- Reynolds, Peter J. ?The Nature of experiment in Archaeology?. En: Experiment and design: archaeological studies in honour of John Coles / Anthony Harding. Oxford: Oxbow, 1999.