

COURSE OUTLINE

(1) GENERAL

SCHOOL	HUMANITIES		
ACADEMIC UNIT	DEPARTMENT OF MEDITERRANEAN STUDIES		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	AY-10	SEMESTER	7
COURSE TITLE	ISSUES OF ENVIRONMENTAL ARCHAEOLOGY		
INDEPENDENT TEACHING ACTIVITIES <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>	WEEKLY TEACHING HOURS	CREDITS	
	3	5	
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	Specialised general knowledge		
PREREQUISITE COURSES:	No		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	No		
COURSE WEBSITE (URL)			

(2) LEARNING OUTCOMES

<p>Learning outcomes <i>The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.</i></p> <p><i>Consult Appendix A</i></p> <ul style="list-style-type: none"> • <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</i> • <i>Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i> • <i>Guidelines for writing Learning Outcomes</i>
<p>Introduction, theoretical, practical training, modality methodological understanding of the principles, methods, strategies, study applications of environmental archaeology. Field guides approach, specialized study-practice in the laboratory</p>
<p>General Competences <i>Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does</i></p>

<i>the course aim?</i>	
<i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i>	<i>Project planning and management</i>
<i>Adapting to new situations</i>	<i>Respect for difference and multiculturalism</i>
<i>Decision-making</i>	<i>Respect for the natural environment</i>
<i>Working independently</i>	<i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i>
<i>Team work</i>	<i>Criticism and self-criticism</i>
<i>Working in an international environment</i>	<i>Production of free, creative and inductive thinking</i>
<i>Working in an interdisciplinary environment</i>	<i>.....</i>
<i>Production of new research ideas</i>	<i>Others...</i>
	<i>.....</i>

- Search for, analysis and synthesis of data and information, with the use of the necessary technology
- Decision-making
- Working in an interdisciplinary environment
- Production of new research ideas

(3) SYLLABUS

1. Basic principles of archaeozoology: Identification and registration of skeletal residues from animals and birds, fish and shellfish residues and their archaeological significance. Separation of small and large zoological residues- nomenclature-atlases-comparative collection. Sampling strategies, taphonomy, tools from bones and shells.
2. Basic principles of Archaeobotany:
 - A. Macrophytic remains. Identification of plant species anatomical characteristics, atlas, comparative collection. Elements of ecology. sampling, flotation (simple, mechanical, wet sieving), taphonomy, material recording, interpretation of results, plant diet, agriculture.
 - B. Pollen analysis, methodology, pollen diagram interpretation, paleoclimate, taphonomy.
3. Plants' and animals' domestication: plant and animal remains data extracted from archaeological sites in the Aegean, Europe and Middle East, agriculture, animal husbandry. The plant remains of ancient cultures, especially in the Aegean.
4. Practice with excavation organic material (bones and plant residues)
5. Anthropology-Paleopathology: History and human evolution, principles of comparative anatomy, pathology, bone recognition, data analysis, documentation, correlations.

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	Face-to-face	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>	Supplementary material in printed and electronic form	
TEACHING METHODS <i>The manner and methods of teaching are described in detail. Lectures, seminars, laboratory practice, fieldwork, study and</i>	Activity	Semester workload
	Lectures - laboratory materials and analysis methodologies	39 hrs (1.56 ECTS)
	Personal study	33 hrs (1.32 ECTS)

<i>analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i> <i>The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</i>	Assignment	50 hrs (2 ECTS)
	end of semester exam	3 hrs (0.12 ECTS)
	Course total	125 hrs (5 ECTS)
<p align="center">STUDENT PERFORMANCE EVALUATION</p> <p><i>Description of the evaluation procedure</i></p> <p><i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	Essay	Written exams at the end of the semester

(5) ATTACHED BIBLIOGRAPHY

Greek language

Καραλή Λίλιαν (2005) Περιβαλλοντική Αρχαιολογία, Εκδ. Καρδαμίτσα, Αθήνα.

Λυριτζής Ιωάννης (2005). Αρχαιολογία και περιβάλλον, Εκδ Καρδαμίτσα, Αθήνα.

Renfrew, C & Bahn, P (2001) Αρχαιολογία: Θεωρίες, μεθοδολογία και πρακτικές εφαρμογές. (μτφρ. Ι. Καραλή-Γιαννακοπούλου) Εκδ. Καρδαμίτσα.

Foreign language

Branch, Nick *et al*, 2005, *Environmental Archaeology, Theoretical and Practical Approaches* Oxford University Press, Oxford & New York.