

COURSE SYLLABUS

Course title: BIOARCHAEOLOGY

Course tutor: Adrian Bălăşescu

Year of study: 1

Number of hours per week/Examination/Credits		
Course	Assessment	Credits
	Colloquim (presentation of a scientific project)	15

A. COURSE OBJECTIVES (derived from the specific competences acquired)

General objective of the course	The acquisition by doctoral students of some general, theoretical and practical knowledge regarding bioarchaeology in a broad sense
Specific objectives:	<p>Basic elements of bioarchaeological research.</p> <ul style="list-style-type: none"><input type="checkbox"/> The need to develop research questions, adopt models and methodological options suitable for bioarchaeological research.<input type="checkbox"/> Reconstructing the paleoeconomy and the paleoenvironment, understanding the relationships between people and the animal and plant species identified during archaeological research in different contexts.<input type="checkbox"/> Highlighting, on the species identified in archaeological contexts, the biological and ecological consequences of human intervention, which will contribute to the knowledge of human groups, their way of life and their demography.<input type="checkbox"/> Knowledge of bibliographic research methods and evaluation of the quality of sources.<input type="checkbox"/> Carrying out comparative analyses/studies.<input type="checkbox"/> Improving communication skills (written and oral), interpretation, analysis, evaluation and self-assessment.<ul style="list-style-type: none">• Providing useful work tools in the preparation of the doctoral research project in order to support it before the guidance committee.<input type="checkbox"/> Dissemination of scientific research results.

B. CONDITIONS (if necessary)

Conditions for course	–
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C.ACQUIRED SPECIFIC COMPETENCES (Vizează competențele asigurate de programul de studiu din care face parte disciplina)

Professional competences	<ul style="list-style-type: none"> • Assimilation of knowledge regarding the most important theoretical-methodological aspects in the field of bioarchaeology • Knowledge and use of research methods specific to the bioarchaeological field. • The ability to adapt theoretical-methodological models in the research of some bioarchaeological subjects. • The ability to write a scientific paper in the field
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Transversal competences	<ul style="list-style-type: none"> • The ability to operate and analyze information from primary sources and secondary literature. • Ability to manage, implement and report on a research project. • Developing the capacity to develop scientific texts, including evaluation reports.
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D. CONTENT

a) Course

Chapter	Content	Hours
1.Introductory notions	Introductory notions related to bioarchaeology and the history of research in Romania	4
2.	The main stages of bioarchaeological research are presented according to the types of biological remains identified in	8
3.	Methods and tools. Applicability of biometrics. The importance of biometrics	8
4.	Age and sex determination in humans and various animal species	4
5.	The study of post mortem processes on bioarchaeological remains	4
6.	Statistical approach to bioarchaeological samples	4
7.	Types of pathologies found on bioarchaeological remains	
8.	Notions of reconstituting the environment/landscape based on bioarchaeological but also climatic studies	
9.	Reconstructing the paleoeconomy and the evolution of biodiversity throughout the Holocene	

10.	Importance of stable isotope studies and paleogenetics based on bioarchaeological remains. Reconstitution of the human and animal diet. Seasonality studies.	
11.	Acquiring some notions related to the management of the doctoral research project	
12	Acquiring some notions of evaluation and types of reporting of research projects. The need to develop some research questions, adopt some models and methodological options appropriate to bioarchaeological research	
Total hours		56

E. ASSESSMENT

Type of activity	Assessment criteria	Assessment methods	Weight in the final grade
Course	1. Course attendance. 2. Acquisition of the knowledge acquired in the course. 3. Accuracy and quality of	1. Course presence. 2. Colloquium	1. 25% 2. 75%
The results of the assessment are expressed by the following grades: „ <i>Very good</i> ”; „ <i>Good</i> ”; „ <i>Sufficient</i> ”; „ <i>Insufficient</i> ”. Grades „ <i>Very good</i> ”, „ <i>Good</i> ” și „ <i>Sufficient</i> ” are passing grades.			

F. METHODOLOGICAL REMARKS

Lectures combined with dialogue. Use of modern teaching aids (ppt). Course support.

E. CORROBORATION OF THE COURSE CONTENT WITH THE EXPECTATIONS OF THE REPRESENTATIVES OF THE EPISTEMIC COMMUNITY, PROFESSIONAL ASSOCIATIONS AND MAIN EMPLOYERS IN THE FILES RELATED TO THE PROGRAM

The content of this discipline is corroborated with the expectations of the community, professional associations and representative employers in the field related to the program. The course aims to provide students with better training in the field, understanding of the phenomena related to the topic, as well as the acquisition of specific professional skills.

G. BIBLIOGRAPHY

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