



AITA BIOARCHAEOLOGY

Online Courses

BIOARCHAEOLOGY OF CHILDREN



16 hours; Price: 105 €, Returning participants: 84 €

DAY 1 (THEORY)

- Definition of non-adult individuals
- Historical background
- Current status of non-adult's skeletal remains in Bioarchaeology
- Differences between chronological and biological ages
- Biological age categories
- Bioarchaeology of care
- Plasticity theory
- Developmental Origins of Health and Disease (DOHaD) hypothesis
- Measuring populational stress

DAY 2 (ONLINE LABORATORY PRACTICE)

- Distinguish between animal and human non-adult bones
- Anatomical basis for distinguishing between adults and non-adults skeletal remains
- Dentition
- Age at death estimation
- Sex determination
- Study of longitudinal growth and bone maturation
- Standards and score systems according age groups



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DAY 3 (THEORY AND ONLINE LABORATORY PRACTICE)

- Excavation of a tomb with non-adult remains - strategy, procedures and techniques of archaeological excavation
- Analysis of remains
- Identification of pathological lesions (I)
- Nonspecific Indicators of stress
- Studying nutritional status in past populations
- Metabolic disorders
- Comorbidity
- Performing a correct anthropological and palaeopathological dossier in the laboratory. Photographing skeletal remains
- Recording bone measurements.
- Odontogram

DAY 4 (THEORY AND ONLINE LABORATORY PRACTICE)

- Identification of pathological lesions (II)
- Infectious diseases
- Traumatic lesions.
- Physical abuse
- Congenital conditions
- Artificial deformations
- Other issues in children bioarchaeology: isotopes, DNA studies, TCA
- Recording pathological lesions. Differential diagnosis

Special discount for 2 courses joined – 20% off!

DISCOUNT



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DAY 5 (THEORY AND ONLINE LABORATORY PRACTICE)

- Porous phenomenon/syndromes and its multietiological association
- Optical and scanning electron microscopy in the pathophysiological differentiation of feto-infant-juvenile porosity: inflammation, vascularization and subperiosteal new bone deposition.



Non-adult skeletons offer valuable insights into the health and lifestyle of the larger population, as they are in a phase of growth and development, with immune systems that are still maturing. This makes them the most vulnerable group to stress and disease. However, working with infant remains can be challenging due to their small size, fragility, and often poor preservation. Additionally, the lack of epiphyseal fusion complicates the identification of bones. To address these challenges, we have developed a course specifically focused on practical work with children's skeletal remains. This course provides a unique opportunity to learn excavation techniques, documentation methods, and laboratory analysis in this field.