



Division of Paleopathology

University of Pisa

Dpt of Translational Research and New Technologies in Medicine and Surgery

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SUMMER SCHOOL IN OSTEOARCHAEOLOGY AND PALEOPATHOLOGY ONLINE EDITION 2021



UNIVERSITÀ DI PISA



IRLAB
INSTITUTE FOR RESEARCH AND LEARNING IN
ARCHAEOLOGY AND BIOARCHAEOLOGY

SYLLABUS

Lectures held by: Prof Valentina Giuffra; Dr. Simona Minozzi PhD; Dr. Giulia Riccomi PhD

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www.paleopatologia.it - www.irlabnp.org

Coordinator: Prof. Valentina Giuffra

Summer School Office: support.summerschool@unipi.it

When: JUNE 21 to JULY 9 (3 weeks) - Monday through Friday

Where: Online Edition through Microsoft Teams

Website: <https://www.unipi.it/index.php/humanities/item/19194-osteoaerchaeology-paleopathology-online>

Application: <https://www.unipi.it/index.php/how-to-apply>.

Introduction

The Summer School in Osteoarchaeology and Paleopathology Online Edition is an academic program offered by the University of Pisa (Italy) aimed at training students in osteoarchaeology and paleopathology. It is an outstanding opportunity for students to gain knowledge in bioarchaeological investigation from an immersive online course, which is the most suitable learning modality imposed by the COVID pandemic.

This online course comprises daily intensive lectures on archaeothanatology, human skeletal anatomy, anthropological methods for sex and age at death estimation, anthropometry, skeletal and dental stress markers, dental paleopathology and enthesal changes with the aim at providing a broad overview on topical areas of bioarchaeological research. Attendants will have the chance to gain experience with the analysis of various skeletal pathologies, including infectious diseases, traumatic lesions and neoplasms.

SECTION 1 ACADEMIC INFORMATION

1.1 Lecture Program and Schedule

- Bone diagenesis and archaeothanatology
- Human skeletal anatomy
- Tooth structure and identification
- Methods for sex determination
- Methods for age estimation in adults
- Age estimation in non-adults
- Anthropometric measurements
- Stature calculation and osteometric indices
- Ergonomy
- Paleopathology: traumatic lesions, nonspecific infections, dentoalveolar diseases, tuberculosis, treponematosi, leprosy, stress markers, tumors, metabolic diseases, degenerative joint diseases, congenital diseases.

Lectures will be held for 3-4 hours per day for a total of 52 hours

1.2 Learning objectives of this course

The school is designed to provide all participants with a basic knowledge about the analysis of ancient human skeletal remains. Biological profile reconstruction and paleopathological study are aimed at obtaining the greatest possible amount of information on the environment, lifestyle, and diseases that afflicted past populations.

1.3 Course Requirements

The Summer School has no formal prerequisites. Knowledge of English language is required.

Final test will be administered during the last day of the course to assess the student's mastery of the theoretical concepts learned throughout the entire online course.

Who can apply: Students in Physical Anthropology, Archaeology, Forensic Science, Paleopathology and allied disciplines at undergraduate and graduate levels.

1.4 Grading

Final test is mandatory to get a certificate of participation from the University of Pisa and Institute for Research and Learning in Archaeology and Bioarchaeology (IRLAB)

1.5 Credit Hours

The Summer School in Osteoarchaeology and Paleopathology Online Edition allows students to collect **7 undergraduate credits (ECTS)** through the University of Pisa. The formative credits provided by the University of Pisa meet the European protocols ECTS (European Credit Transfer System, more info: <https://www.unipi.it/index.php/ects-catalogue>).

The equivalence of those credits is certified by the Italian Ministry of Education, University and Research and, usually, they are accepted by American universities both as undergraduate and as graduate credits, according to the following conversion model:

- 0,50 ECTS = 0,30 US College Credit Hours
- 0,83 ECTS = 0,50 US College Credit Hours
- 1,00 ECTS = 0,60 US College Credit Hours
- 1,67 ECTS = 1,00 US College Credit Hours
- 2,00 ECTS = 1,20 US College Credit Hours
- 2,50 ECTS = 1,50 US College Credit Hours
- 3,00 ECTS = 1,80 US College Credit Hours
- 3,33 ECTS = 2,00 US College Credit Hours
- 4,00 ECTS = 2,40 US College Credit Hours
- 5,00 ECTS = 3,00 US College Credit Hours
- 6,67 ECTS = 4,00 US College Credit Hours
- 8,33 ECTS = 5,00 US College Credit Hours

Credits hours will be transcribed on a certificate issued by the University of Pisa and sent to the student's academic Department on request.

However, the student should forward any question directly to his/her Department to be sure that his/her University agrees to the ECTS credits awarded by European Universities, and, for any further information put his/her reference in contact to: support.summerschool@unipi.it.

SECTION 2: APPLICATION

2.1. Course Fees

Cost: 750.00 € (Euro)/ 890\$ (US dollars)

Fee Payment: Students will be required to pay fees in full within 7 business days of receipt of the invoice sent by email in case of admission.

In the unlikely event of course cancellation, fees will be refunded in full (any applicable processing fees may not be refunded). Failure to provide all the required documents and payment within the terms specified at the time of admission will constitute an automatic forfeiture of the student's place in the Summer school.

CANCELLATION/REFUND POLICY

In case of student withdrawal, all support fees minus a non-refundable deposit of \$ 200 will be refunded until April 30, 2021. After April 30, no fees will be refunded.

2.2. Admission Procedures

Should minimum attendance requirement of 6 students not be met, course will be cancelled. Students interested in applying to the Summer School in Osteoarchaeology and Paleopathology must fill out and submit the enrolment form following the procedures indicated at the University website: <https://www.unipi.it/index.php/how-to-apply>.

The application deadline is April 30, 2021.

However, applications are reviewed as soon as they are received and successful applicants accepted right away.

Curriculum vitae and/or reference letters (e-mails) may be requested. The staff reserves the right to verify any of the information reported in the application form and request supporting documentation (e.g., advising reports; references) in its sole discretion. Staff will make final decisions regarding enrolment.

Acceptance will be communicated by e-mail. Upon acceptance, students will receive detailed instructions on how to submit required documentation and payments: