



General information	
Academic subject	Canne della Battaglia (BAT): archaeological analysis of the architectures of the settlement
Degree course	LM-2 Archaeology
Academic Year	2022-2023
European Credit Transfer and Accumulation System (ECTS)	3
Language	Italian
Academic calendar (starting and ending date)	Second Semester
Attendance	Attendance is governed by the Didactic Regulations of the Course, Art. 4 link: https://www.uniba.it/corsi/archeologia/presentazione-del-corso/copy_of_REGOLAMENTODIDATTICOARCHEOLOGIA.pdf

Professor/ Lecturer	
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Virtual headquarters	
Tutoring (time and day)	The tutoring takes place in presence, writing to the teacher (roberta.giuliani1@uniba.it) to make an appointment.

Syllabus	
Learning Objectives	<ol style="list-style-type: none">1. Acquire skills in the archaeological analysis of standing structures by practicing the following field activities:<ul style="list-style-type: none">• recognition of the Reference Units (UR)• mapping of the USM through the recognition of physical-construction continuity/ discontinuity and the variation of masonry features• analysis of masonry features• sampling setting for archeometric analysis of construction materials• reading and recording of the stratigraphic relationships between the masonry.2. Acquire and test useful methods and tools for planimetric survey and graphic documentation of the standing structures3. Practice in the construction of an atlas of construction techniques and types of walls of a given context, essential step for more general interpretative readings of the built.
Course prerequisites	None
Contents	The work will be divided in two phases: <ol style="list-style-type: none">1. to be carried out in the field, in Canne della Battaglia:

	<p>the study of architectural emergencies will be set up, starting with the surrounding walls, through mapping operations of the buildings and identification of the Reference Units, survey and stratigraphic analysis and exam of the masonry features.</p> <p>2. re-elaboration in the laboratory of the documentation drawn up on the field, through the following activities:</p> <ul style="list-style-type: none"> • restitution of planimetric surveys, • photo-straightening activities and creation of photoplanes, • graphic tables and 3D reconstructions, an integral part of research and essential support for its communication.
Books and bibliography	<p>- R. Parenti, <i>Sulla possibilità di datazione e di classificazione delle murature</i>, in R. Francovich, R. Parenti (a cura di), <i>Archeologia e restauro dei monumenti. I ciclo di lezioni sulla ricerca applicata in archeologia</i> (Siena, Certosa di Pontignano, 28 settembre-10 ottobre 1987), Firenze 1988, pp. 280-304.</p> <p>- T. Mannoni, <i>Il problema complesso delle murature storiche in pietra. 1. Cultura materiale e cronotipologia</i>, in “Archeologia dell’Architettura”, II, 1997, pp. 15-24.</p>
Additional materials	

Work schedule			
Total	Lectures	Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
Hours			
120		120	
ECTS			
3		3	
Teaching strategy			
<ul style="list-style-type: none"> - Direct involvement of students in setting up the research preventively to the investigation on the field, so that they can know and share (even critically) the problems and research objectives and the methods to be adopted to achieve the objectives themselves; - Survey practices, graphic and photographic documentation, cataloguing of building emergencies in the field; - Practices of graphic reworking of the material produced during the field work, to be carried out in the laboratory; - Direct involvement of students in the assessment of the activity in order to stimulate their awareness of the objectives achieved, also highlighting the critical points, to be improved in the future. 			
Expected learning outcomes			
Knowledge and understanding on:		<ul style="list-style-type: none"> • knowledge and ability to fully understand the methods and the operative practices used in the analysis of the masonries; • knowledge of the methods and of the techniques of archaeological survey and documentation (in field and in laboratory) of the architectures, in the field and in the laboratory. 	
Applying knowledge and understanding on:		<ul style="list-style-type: none"> • acquisition of the ability to operate directly on the objects of study through assisted activities of cataloguing the masonry stratifications, survey and documentation of the architectures. 	
Soft skills		<ul style="list-style-type: none"> • <i>Making informed judgments and choices</i> • reinforcement of the critical approach to the analysis of the 	

	<p>building through the direct involvement of the student in the reading, documentation and interpretation of the artifacts</p> <ul style="list-style-type: none"> • <i>Communicating knowledge and understanding</i> <ul style="list-style-type: none"> • exercise and strengthening of communication skills, through the organization of the activity in working groups. • <i>Capacities to continue learning</i> <ul style="list-style-type: none"> • the direct approach to study materials, the student's involvement in setting up and carrying out research in the field and in the laboratory will foster his ability to learn, critically share and therefore consolidate the use of survey, documentation and research methods on architectures.
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Assessment and feedback	
Methods of assessment	<p>At the student's choice between two options:</p> <ul style="list-style-type: none"> - a small graphic design relating to the activity carried out in the field and in the laboratory - a short written paper on the activity carried out in the field (also a little dossier of forms, accompanied by critical notes)
Evaluation criteria	<ul style="list-style-type: none"> • <i>Knowledge and understanding</i> <ul style="list-style-type: none"> - Acquisition of basic knowledge of tools, methods and operative practices adopted in archaeological research on architecture • <i>Applying knowledge and understanding</i> <ul style="list-style-type: none"> - ability to experiment tools, methods and operative practices, within the limits of a non-hyperspecialistic training experience, in the field and in the laboratory • <i>Autonomy of judgment</i> <ul style="list-style-type: none"> - Ability to operate in a conscious, critical and autonomous way • <i>Communicating knowledge and understanding</i> <ul style="list-style-type: none"> - Ability to describe the historical buildings, through the use of specific terminology; - Ability to reading and recording of the stratigraphic relationships between the masonry - Ability to interpret the architectures, highlighting their relations with the territorial context of reference and communicating their historical sense - Ability to work in a team, knowing how to listen to others, express one's opinions and orientations in the context of research work with clarity and argumentative ability. • <i>Communication skills</i> <ul style="list-style-type: none"> - Ability to communicate concepts (also of technical content) clearly, adapting them to different types of recipients - <i>ability to explain the technical processes carried out and their purposes</i> - <i>ability to clearly present the results of field and laboratory research</i> • <i>Capacities to continue learning</i> <ul style="list-style-type: none"> - Ability to acquire awareness of one's own potential and limitations with respect to the specific nature of the work called upon to perform, implementing strategies for progressive increase and refinement of one's skills
Criteria for assessment and	Those showing the acquiring a basic knowledge of the methods and

attribution of the final mark	<p>operating procedures of documentation and archaeological analysis of standing structures will be considered idoneous.</p> <p>A very positive evaluation will be reserved to those demonstrating the acquiring a significant level of autonomy in the management of the various documentation and analysis practices in the field and in the laboratory, as well as the ability to exercise a critical spirit both in methodological options, both in interpretative readings.</p>
Additional information	