

**Seminary a.a. 2017-2018:
MATERIALS AND TECHNIQUES OF HISTORICAL CONSTRUCTIONS FOR THE
DIALOGUE AND CULTURAL EXCHANGE WITH LATIN AMERICAN COUNTRIES.
Prof. Arch. Michele Paradiso**

1. INFO

Name of the seminary	Materials and techniques of historical constructions for the dialogue and cultural exchange with latin countries.
Duration	4 CFU composed of two modules 2 CFU –Basis, method and introduction to the general topic and to the study area in the faculty of the School of Architecture in Florence 2CFU – Workshop – rating
Professor	Prof. Michele Paradiso
Targets	The dialogue between different cultures, especially towards that part of the planet defined differently developed, or in general, the southern hemisphere, is a big opportunity' to build synergies useful to a less invasive use of natural resources, to improve the quality of life and, of course, architecture. The experience gained by the professor and his research team in 18 years of experience in the "worlds" of Latin America and other countries, have shown that the key words of this dialogue toward a less invasive architecture are those of the recovery of materials and techniques of the local and historical construction, such as, primarily, the rammed earth, masonry, wood, bamboo. To this is added, the target to form professionalism in architecture that we move in seemingly distant worlds, the importance of knowing the dynamics of the human development process, in large international organizations such as UNDP, European Union, Governmental Cooperation, decentralized cooperation, NGOs. The phase of theoretical training will be followed by an application "on the field", through a study trip to one of the destination of study countries, chosen from the specific interests of the students during the course of the first module. This will be possible through specific inter-university cooperation agreements currently in force, especially with university of Cuba, Guatemala, Colombia ...
Modality	Lessons, study trip and research in the chosen latin country, synthesis and evaluation.
Recommended prerequisites	The seminary is addressed to the students interested belonging from the School of Architecture. Knowledge required: Technology of Construction, constructive characters of the historical building, Restoration, Building Science, in their basic conceptual aspects.
Calendar	The expected period corresponds to the first part of the second half of 2017-2018 university year and will end

	with the study trip in the week that our schedule provides specifically for these activities. Theoretical communications will be organized with a weekly schedule, with a 4- hour modules, constructed so as not to affect the class schedule of the students enrolled in the seminar, preferably and probably in the day that the class schedule leaves students completely free, that usually, is on Wednesday.
First module	
Module's name	Materials and techniques of historical constructions for the dialogue and cultural exchange with Latin countries.
Disciplinary sector	ICAR 08
Module's duration	4 weeks
Number of credits	2
Professor	Prof. Michele Paradiso
Collaborators	Arch. Nicola Valente, Arch. Francesca Bizzeti and others.....
Targets	The module will be dedicated firstly to a short description of the dynamics and "characters" of the collaboration to the human being develop and then it will pass to the analysis of the materials and historical constructions (like as already said) the rammed earth, masonry, wood, bamboo. For each of these will be explained the specific construction techniques, highlighting constructive history, technical characteristics and limits of use in the present area.
Second module	
Module's name	Field experiences
Sector module	ICAR 08
Module's duration	2 weeks
Number of credits	2
Professor	Prof. Michele Paradiso, as well as a fellow of the local University, to be defined depending on the chosen destination.
Collaborators	Arch. Nicola Valente, Arch. Francesca Bizzeti and others.....
Targets	The module includes the most part, the study trip in one of the countries selected, lasting a week or at most 10 days. In any case, whatever is the chosen destination, the all foreign experience will include classroom lessons at the headquarters of the local university, taught by local teachers, guided tours to specific typical architectural features of those buildings, and finally, an exercise on the field to learn those building techniques, in terms of execution and methods of conservation and structural rehabilitation techniques. At the end, return to the seat of Florence, and it will start an activity of synthesis and individual assessment of the work done, theory and application.