

CIVIL ENGINEERING AND ARCHITECTURE	
CYCLE	XXXVII
COORDINATOR	Prof. Sandro LONGO email: sandro.longo@unipr.it Department of Engineering and Architecture
DURATION	3 anni
STARTING DATE OF THE PHD PROGRAM	01/01/2022
PARTNER INSTITUTION FOR UNIVERSITY COOPERATION AGREEMENTS	<ul style="list-style-type: none"> New Jersey Institute of Technology (USA)
TRAINING OBJECTIVES	
<p style="text-align: center;">To develop specialized skills in the following fields:</p> <ol style="list-style-type: none"> Infrastructure and Environmental Engineering: civil infrastructures for transport; survey, management, and analysis of land data, control and monitoring of displacements and deformations at all scales; issues related to surface waters and groundwater; Structural and Geotechnical Engineering: mechanical behaviour of materials, structural components and structures; behaviour of soils and geotechnical structures; Architecture and Urban Planning: theoretical, formal, distributional and functional aspects in architecture; the problems related to methods for survey and to computer-graphics in architecture; issues related to the implementation and the development of urban settlements; historical, artistic, technical and aesthetic themes in the architecture of the past. 	
ADMISSION REQUIREMENTS	<p>Regardless of age and citizenship, applicants holding at least one of the following academic qualifications can apply for admission:</p> <ul style="list-style-type: none"> Laurea specialistica or Laurea magistrale (second cycle master's degree) Laurea Vecchio Ordinamento (degree obtained under the previous Italian regulations) Second cycle Master's degree obtained abroad, equivalent to the above mentioned Italian degrees and recognized as suitable for the admission to doctoral program <p>Undergraduate applicants may also submit applications with the obligation of getting their degree by October 31st 2021.</p>

POSITION PUT OUT TO COMPETITION	5	With Scholarship - Action IV.5 - "Doctorates on Green issues of the PON R&I 2014-2020"	5
Position with Scholarship LINKED TO SPECIFIC TOPICS			
<p>When registering for the competition, candidates must indicate to the Examining Board, in the specific section of ANNEX A, their interest of being assigned one or more scholarships on a specific topic. The Examination Board will evaluate their eligibility based on specific competences, experience and specific aptitudes of the applicants.</p>			
N°	ACTION	BOUND RESEARCH TOPIC	
5	Action IV.5 - "Doctorates on Green issues of the PON R&I 2014-2020"	<ul style="list-style-type: none"> Mitigation of climate change impacts Promoting sustainable development 	

ADMISSION PROCEDURES	<p>Assessment of QUALIFICATIONS: up to 70 points (a minimum score of 40 points shall be required to be admitted to the Oral Exam)</p> <p>ORAL EXAM: up to 50 points</p> <p>Minimum score for ELIGIBILITY: 70/120</p>
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Foreign Language	The language for which the fluency must be assessed during the Oral Examination: ENGLISH . The assessment of knowledge of this language will be oral and will consist in reading and translating a scientific text.	
CANDIDATES ADMITTED TO THE ORAL TEST CAN TAKE THE EXAM IN PRESENCE OR REMOTELY IN AUDIO AND VIDEO TELECONFERENCE		
(Candidates who intend to take the Oral Exam remotely must submit request, to this purpose, as per the model attached to the competition notice)		
THE INTERVIEW MAY BE HELD ALSO IN ENGLISH		
LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT		
MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION		
ANNEX A	(art. 5 of the Competition notice)	
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)	
Curriculum Vitae et studiorum	No specific CV format is required (see art. 4 of the Competition notice)	
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)	
Qualifications	Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 4 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).	
Research Project	Drawn up according to the format attached to the competition announcement THE EVALUATION OF THE PROJECT WILL TAKE PLACE DURING THE ORAL EXAM	
FURTHER QUALIFICATIONS THAT MAY BE ATTACHED TO THE APPLICATION, IF IN POSSESSION OF THE APPLICANT (only qualifications attested by a document drawn up in Italian or in English)		
Scientific Publications	Max 2 Articles on national and international journals, papers presented at conferences or symposia, book chapters etc.	
EVALUATION CRITERIA		
QUALIFICATION	EVALUTATION CRITERIA	POINTS
Curriculum Vitae et studiorum	Including academic career and postgraduate experience, accompanied by a statutory declaration in lieu of the certification of the exams passed with the relevant marks, as well as the final graduation mark.	Up to 50 points
Graduation mark	---	Up to 10 points
Average of the exam marks (if the candidate will attain the degree no later than 31 October 2021)	---	Up to 10 points

Graduation thesis	---	Up to 5 points
Scientific publications	Maximum 2	Up to 5 points
ORAL EXAM	EVALUATION CRITERIA	POINTS
The ORAL EXAM includes the presentation and discussion of the research project and is intended to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the related topics	<ul style="list-style-type: none"> ○ knowledge of the foreign language ○ research project presentation ○ general knowledge of issues connected to the PhD course 	Up to 50 points
SCHEDULE OF THE ADMISSION EXAMS		
ORAL EXAM	DATE	25 October 2021
	TIME	09:30 AM (Italian time)
	PLACE	Department of Engineering and Architecture MEETING ROMM – Building 10 Parco Area delle Scienze, 181/A – Campus 43124 PARMA - ITALY
OTHER INFORMATION	<p>For foreign candidates, the admission examinations may be held in English at the candidate's choice.</p> <p>In the application form, the Candidate can indicate the research topic of his interest among those listed in https://dia.unipr.it/it/themes_37_Cycle_PON</p> <p>For Applicants who will take the Oral Exam in Italian, knowledge of English will be assessed orally and the test will consist of reading and translating a scientific text.</p> <p>Foreign Applicants, if they are among the winners of the PhD admission competition, are strongly encouraged to attend an Italian language course (http://www.lass.unipr.it/en/teaching/italian-courses-foreigners). The Faculty Board will recognize the credits based on the level of knowledge acquired.</p>	