

CIVIL ENGINEERING AND ARCHITECTURE		
Cycle	XXX	
Duration	3 years	
Supervisor	Prof. Andrea Carpinteri – Department of Civil and Environmental Engineering and Architecture E-mail: andrea.carpinteri@unipr.it (e sabrina.vantadori@unipr.it)	
Research Topics:	<ul style="list-style-type: none"> • Infrastructure and Environmental Engineering • Structural and Geotechnical Engineering • Architecture and Urban Planning <p>In the application to participate in the competitive examination, candidates shall specify only ONE topic which the written exam will deal with. The above choice shall be binding, in case of admission to the doctorate program, with regard to the winner's research activity.</p>	
Training objectives	To develop specialized skills in the following fields: (1) 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 groundwaters; (2) mechanical behaviour of materials, structural components and structures; behaviour of soils and geotechnical structures; (3) 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.	
Academic degree required	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent	
Positions put out to competition		
With scholarship	4	
Without scholarship	1	
TOTAL	5	
Scholarship types	No.	Description (funding entity and research topic, if any)
	3	Scholarships of the University of Parma
	1	Co-funded by Fondazione Cariparma
Admission procedures	<p>Assessment of QUALIFICATIONS: up to 60 points a minimum score of 10 points shall be required to be admitted to the Written Exam</p> <p>WRITTEN EXAM: up to 60 points</p> <p>Minimum score for ELIGIBILITY: 70/120</p>	

List of QUALIFICATIONS to be submitted and their assessment	Graduation thesis	Abstract of the graduation thesis (mandatory qualification)	Up to 5 points
	Curriculum Vitae et studiorum	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark (mandatory qualification)	Up to 35 points
	Research Project	Instructions: The research project shall consist of a maximum of 3 pages, be written in Italian or in English, focus on an original research topic and it shall be structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results, argumentation. <u>It shall amount to no commitment on the subsequent choice of the doctoral thesis</u>	Up to 5 points
	Scientific publications	Including abstracts and/or papers presented at conventions or meetings	Up to 10 points
	Other qualifications	Awarding of scholarships, prizes	Up to 5 points
Foreign language	Language the fluency of which shall be assessed during the Written Exam: ENGLISH Fluency in the English language will be verified in writing and will consist in the translation of a scientific text.		
Schedule of the admission exam	WRITTEN EXAM DATE: 24 September 2014 TIME: 10:00am PLACE: Department of Civil and Environmental Engineering and Architecture Parco Area delle Scienze, 181/A – 43124 PARMA, ITALY		