

PhD Course: SCIENCES OF CIVIL, ENVIRONMENTAL AND ARCHITECTURAL ENGINEERING			
Curricula	<input type="checkbox"/> RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY <input type="checkbox"/> MATERIALS, STRUCTURES, COMPLEX SYSTEMS AND ARCHITECTURE		
Department	INGEGNERIA CIVILE, EDILE E AMBIENTALE - ICEA		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 10	
	Scholarships funded by external public or private bodies/Departments	n. 6	<p>1 scholarship funded by Consiglio di Bacino Veneto Orientale - Topic: Identification of protection areas around wells supplying water for human consumption (curriculum: RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY);</p> <p>1 scholarship funded by Dipartimento di Ingegneria Civile, Edile e Ambientale – ICEA su fondi Accordo Regione del Veneto – DAFNAE - Topic: Modeling of the Veneto aquifer system in relation to renewal times and transport of nitrate in groundwater (curriculum: RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY);</p> <p>1 scholarship funded by Dipartimento di Ingegneria Civile, Edile e Ambientale – ICEA su fondi HORIZON-TEATPOTS - Topic: Biomass Residues Valorization through decentralised waste-to-energy strategies (curriculum: RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY);</p> <p>1 scholarship funded by Dipartimento di Ingegneria Civile, Edile e Ambientale – ICEA su fondi STARS@Unipd 2023 – Progetto CARE - Topic: Roughness-induced secondary currents in arterial flows (curriculum: RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY);</p> <p>1 scholarship funded by Dipartimento di Ingegneria Civile, Edile e Ambientale – ICEA su fondi dell’Agenzia Spaziale Italiana - ASI - Topic: Probabilistic predictions of subsidence for potential building damage (curriculum: RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY);</p> <p>1 scholarship funded by Istituto di Scienze Marine - ISMAR del Consiglio Nazionale delle Ricerche - CNR - Topic: Artificial intelligence for sea state forecasting in coastal and off-shore contexts (curriculum: RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY);</p>
	Scholarships on PRIN funds	n. 1	<p>1 scholarship funded by Dipartimento di Ingegneria Civile, Edile e Ambientale – ICEA su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 “Fondo per il Programma Nazionale di Ricerca e Progetti di</p>

			Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto P2022JSTN8 "RESTORE: Reconstruct subsurface heterogeneities and quantify Sediments needs TO improve the Resilience of Venice saltmarshes" - CUP C53D23010180001 (Area tematica: settore ERC PE10); Responsabile prof. Massimiliano Ferronato - Topic: Numerical modelling of the evolution of saltmarshes in the Venice Lagoon (curriculum: RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY);
	Positions without scholarship	n. 1	
	Total number of positions	n. 18	
Selection criteria	PRESELECTION ON THE BASIS OF EVALUATION OF QUALIFICATIONS AND ORAL EXAMINATION		
Oral examination via remote interview:	Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool.		
Evaluation criteria	Qualifications: points max 60 Oral examination: points max 40		
Documents to be submitted	Thesis:	Points: max 5	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2024 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum:	Points: max 20	
	Scientific publications:	Points: max 5	
	Other documents:	Points: max 30	Research project Reference letters (maximum 2)
Preselection: First meeting of the Evaluating Commission	28 MAY 2024 09:00		
Publication of the results of the evaluation of the preselection	Within 31 MAY 2024 the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: https://www.dicea.unipd.it/en/phd-course/phd-news In order to be admitted to the examination, the candidate must get a score of at least 7/10 in the preselection.		
Publication of the timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 31 MAY 2024 the commission will publish on the course website https://www.dicea.unipd.it/en/phd-course/phd-news the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		

Oral examination	17 JUNE 2024 09:30 - Sala Donghi, Dipartimento di Ingegneria Civile, Edile e Ambientale. Via Marzolo 9, 35131 Padova.
Language/s	Foreign language/s assessment at the oral examination: At the oral examination the commission will assess the knowledge of the following language/s: ENGLISH Admission exam: The admission exam will be taken in: ITALIAN or ENGLISH
Examination topics	The examination will focus on the oral discussion of the research proposal submitted by the candidates. In addition, the candidate's general knowledge will be verified on related issues of the research proposal.
PhD Course Website:	https://www.dicea.unipd.it/en/phd-course
Further information	Department: INGEGNERIA CIVILE, EDILE E AMBIENTALE - ICEA Address: Via Marzolo - N. 9, 35131 Padova (PD) Contact person: Brunetta Francesco telephone: 0498275849 e-mail: francesco.brunetta@unipd.it
How to apply	The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati40 The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.
Deadlines	Publication of the ranking lists and enrollment from 2 July 2024 Beginning of PhD courses 1 November 2024