

PhD Course: MATHEMATICAL SCIENCES			
Curricula	<ul style="list-style-type: none"> MATHEMATICS COMPUTATIONAL MATHEMATICS 		
Department	MATEMATICA "TULLIO LEVI-CIVITA" - DM		
Duration	3 years		
Number of positions	Scholarships funded by external public or private bodies/Departments	n. 2	1 scholarship funded by Agenzia per la Cybersicurezza Nazionale - ACN - Topic: Self-exciting stochastic processes for cyber-security risk mitigation (curriculum: COMPUTATIONAL MATHEMATICS); 1 scholarship funded by Enel Global Trading S.p.A. - Topic: Stochastic dynamic optimization for innovative products and Battery Energy Storage Systems in electricity markets (curriculum: COMPUTATIONAL MATHEMATICS);
	Total number of positions	n. 2	
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 18	(Of interest for applicants waiting to be awarded the entrance qualification: those that are expected to be awarded the entrance qualification (deadline for obtaining the title: September 30th, 2025) must submit a summary of the master thesis project (max. 4 pages) signed by the applicant and by the supervisor)
	Curriculum:	Points: max 21	The CV must contain all the exams, with grades and their weighted average, passed by the candidate in all her/his previous undergraduate and Master studies, and the final grades of the qualifications, with the dates and the names of the schools. We suggest using the template that is available at the URL https://dottorato.math.unipd.it/
	Scientific publications:	Points: max 1	
	Other documents:	Points: max 20	1. Two reference letters, written by a thesis supervisor or a professor with whom the candidate has/had scientific or teaching links. 2. A letter in which the candidate describes her/his interests, motivations, and expectations in a possible PhD program in Mathematics in Padova (max 1 page).

Publication of the results of the evaluation of the preselection	<p>Within 16 SEPTEMBER 2025 the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: https://dottorato.math.unipd.it/</p> <p>In order to be admitted to the examination, the candidate must get a score of at least 7/10 in the preselection.</p>
Publication of the timetable of remote interviews and instructions on how to use the ZOOM video conferencing	<p>By 16 SEPTEMBER 2025 the commission will publish on the course website https://dottorato.math.unipd.it/ 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.</p>
Oral examination	<p>18 SEPTEMBER 2025 14:30 - Sala riunione 7B2 - Dipartimento di Matematica "Tullio Levi-Civita", Via Trieste 63, 35131 Padova</p>
Language/s	<p>Foreign language/s assessment at the oral examination: At the oral examination the commission will assess the knowledge of the following language/s: English</p> <p>Admission exam: The admission exam will be taken in: Italian or English</p>
Examination topics	<p>A discussion on the Master thesis as well as on the applicant's interests, and possibly some questions on basic mathematical knowledge.</p>
PhD Course Website:	<p>https://dottorato.math.unipd.it/</p>
Further information	<p>Department: MATEMATICA "TULLIO LEVI-CIVITA" - DM Address: Via Trieste - N. 63, 35121 Padova (PD) Contact person: Dalla Costa Loretta telephone: 049 8271300 e-mail: phd.math@math.unipd.it</p>
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati41luglio 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.</p>
Deadlines	<p>Publication of the ranking lists and enrollment from 24 September 2025 Beginning of PhD courses 1 November 2025</p>