

PhD Course: GEOSCIENCES			
Department	GEOSCIENZE		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 6	
	Scholarships funded by the University reserved to applicants with foreign qualification	n. 1	<b>WARNING:</b> if you are in possession of a foreign qualification, please select also this option in the online procedure in the section 'PhD courses-positions'
	Scholarships funded by external public or private bodies/Departments	n. 7	<p>1 scholarship funded by Dipartimento di Geoscienze su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "Le Geoscienze per lo Sviluppo Sostenibile"; Responsabile scientifico prof. Nicola Surian - <b>Topic:</b> Climate change impacts and mitigation of related risks;</p> <p>1 scholarship funded by Dipartimento di Geoscienze su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "Le Geoscienze per lo Sviluppo Sostenibile"; Responsabile scientifico prof. Nicola Surian - <b>Topic:</b> Georesources for energy transition and geomaterial;</p> <p>1 scholarship funded by Dipartimento di Geoscienze su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "Le Geoscienze per lo Sviluppo Sostenibile"; Responsabile scientifico prof. Nicola Surian - <b>Topic:</b> Water resources and soils: conservation, remediation and management;</p> <p>1 scholarship funded by Dipartimento di Geoscienze su fondi Progetto UE INHERIT "Diamonds as the key to unravel the origin of Earth's" – Bando ERC-2021-STG; Responsabile scientifico prof.ssa Pamato - <b>Topic:</b> Atomistic simulations of hydrogen diffusion and point defects in diamond;</p> <p>1 scholarship funded by Geoside Geofisica S.r.l. - <b>Topic:</b> Electromagnetic methods for assessing interfering risks. Comparison between existing instrumentation and techniques, and potential developments of the methodology;</p> <p>1 scholarship funded by Istituto Nazionale di Geofisica e Vulcanologia - INGV - <b>Topic:</b> Determination of physico-chemical processes in hydrothermal environment associated with the seismic cycle in the Phlegraean Fields (Italy);</p> <p>1 scholarship funded by Smart PhD 2024 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART cofinanziata con RiskAPP S.r.l. - <b>Topic:</b> Evaluation of impacts of natural disasters on built systems for multi-risk management;</p>

	<b>Total number of positions</b>	<b>n. 14</b>	
<b>Selection criteria</b>	PRESELECTION ON THE BASIS OF EVALUATION OF QUALIFICATIONS AND ORAL EXAMINATION		
<b>Oral examination via remote interview:</b>	Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool.		
<b>Evaluation criteria</b>	Qualifications: points max 50 Oral examination: points max 50		
<b>Documents to be submitted</b>	Thesis:	Points: max 2	(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	Please attach along with the curriculum vitae the transcript of records of both Bachelor's and Master's degrees. In addition, for each qualification, indicate the final evaluation. In addition, provide official documentation of any previous teaching and research experiences, research periods in a foreign country, awards and grants.
	Scientific publications:	Points: max 2	Any publications can be presented. Non-peer review national and international publications, peer-review national and international publications, monographies, geological maps, abstracts and extended abstracts at national and international conferences.
	Other documents:	Points: max 25	The applicant must present a research project (in English; max 8000 characters, spaces included) related to one of the topics presented at <a href="https://www.geoscienze.unipd.it/phd-research-projects-2024">https://www.geoscienze.unipd.it/phd-research-projects-2024</a> . Two reference letters from Professors or Researchers from national and/or international Universities and Research Centers and from industries. GRE General Part test, TOEFL, IELTS and similar, if available.
	Further documents that the candidates think relevant to their evaluation:	Points: max 1	
<b>Preselection: First meeting of the Evaluating Commission</b>	07 JUNE 2024 09:00		
<b>Publication of the results of the evaluation of the preselection</b>	Within <b>12 JUNE 2024</b> the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: <b><a href="https://www.geoscienze.unipd.it/corsi/scuola-dottorato">https://www.geoscienze.unipd.it/corsi/scuola-dottorato</a></b> In order to be admitted to the examination, the candidate must get a score of at least 7/10 in the preselection.		

<b>Publication of the timetable of remote interviews and instructions on how to use the ZOOM video conferencing</b>	By <b>12 JUNE 2024</b> the commission will publish on the course website <a href="https://www.geoscienze.unipd.it/corsi/scuola-dottorato">https://www.geoscienze.unipd.it/corsi/scuola-dottorato</a> 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.
<b>Oral examination</b>	19 JUNE 2024 09:00 - The exam may continue: 20/06/2024 at 9:00 - Sala Ammoniti, Dipartimento di Geoscienze, via Giovanni Gradenigo 6, 35131 Padova
<b>Language/s</b>	<b>Foreign language/s assessment at the oral examination:</b> At the oral examination the commission will assess the knowledge of the following language/s: English <b>Admission exam:</b> The admission exam will be taken in: English/Italian
<b>Examination topics</b>	Mineralogy, petrology and petrography, geochemistry and volcanology, mineral geological resources, mineralogical and petrographic applications for the environment and cultural heritage, structural geology, stratigraphy, sedimentology, paleontology and paleoecology, physical geography and geomorphology, applied geology, geophysics and applied geophysics. natural and anthropic hazards.
<b>PhD Course Website:</b>	<a href="https://www.geoscienze.unipd.it/corsi/scuola-dottorato">https://www.geoscienze.unipd.it/corsi/scuola-dottorato</a>
<b>Further information</b>	<b>Department:</b> GEOSCIENZE <b>Address:</b> Via G. Gradenigo - N. 6, 35131 Padova (PD) <b>Contact person:</b> Di Muro Anna <b>telephone:</b> 0498279017 <b>e-mail:</b> dottorato.geoscienze@unipd.it
<b>How to apply</b>	The application must be submitted only via the online procedure available at: <a href="https://pica.cineca.it/unipd/dottorati40">https://pica.cineca.it/unipd/dottorati40</a> 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.
<b>Deadlines</b>	Publication of the ranking lists and enrollment from <b>2 July 2024</b> Beginning of PhD courses <b>1 November 2024</b>