Appendix 1 - PhD Courses

1. PhD Course: ANIMAL AND FOOD SCIENCE
2. PhD Course: ASTRONOMY in agreement with Istituto Nazionale di Astrofisica - INAF
3. PhD Course: BIOMEDICAL SCIENCES
4. PhD Course: BIOSCIENCES
5. PhD Course: BRAIN, MIND AND COMPUTER SCIENCE in agreement with Fondazione Bruno Kessler
6. PhD Course: CLINICAL AND EXPERIMENTAL SCIENCES
7. PhD Course: CROP SCIENCE
8. PhD Course: DEVELOPMENTAL MEDICINE AND HEALTH PLANNING SCIENCES in agreement with Fondazione Istituto di Ricerca Pediatrica Città della Speranza
9. PhD Course: ECONOMICS AND MANAGEMENT - Curriculum in ECONOMICS
10. PhD Course: ECONOMICS AND MANAGEMENT - Curriculum in MANAGEMENT
11. PhD Course: FUSION SCIENCE AND ENGINEERING in agreement with Università degli Studi di Napoli Federico II
12. PhD Course: GEOSCIENCES
13. PhD Course: HISTORICAL, GEOGRAPHICAL AND ANTHROPOLOGICAL STUDIES in agreement with Università Ca' Foscari Venezia
14. PhD Course: HISTORY, CRITICISM AND PRESERVATION OF CULTURAL HERITAGE
15. PhD Course: HUMAN RIGHTS, SOCIETY, AND MULTI-LEVEL GOVERNANCE in agreement with Tangaza University College (Kenya)
16. PhD Course: INDUSTRIAL ENGINEERING
17. PhD Course: INFORMATION ENGINEERING
18. PhD Course: INTERNATIONAL LAW AND PRIVATE AND LABOUR LAW
19. PhD Course: LAND, ENVIRONMENT, RESOURCES AND HEALTH
20. PhD Course: LAW
21. PhD Course: LINGUISTIC, PHILOLOGICAL AND LITERARY SCIENCES
22. PhD Course: MANAGEMENT ENGINEERING AND REAL ESTATE ECONOMICS
23. PhD Course: MATERIALS SCIENCE AND TECHNOLOGY
24. PhD Course: MATHEMATICAL SCIENCES
25. PhD Course: MECHATRONICS AND PRODUCT INNOVATION ENGINEERING
26. PhD Course: MOLECULAR MEDICINE
27. PhD Course: MOLECULAR SCIENCES in agreement with CONSIGLIO NAZIONALE DELLE RICERCHE (CNR) - Curriculum in CHEMICAL SCIENCES
28. PhD Course: MOLECULAR SCIENCES in agreement with CONSIGLIO NAZIONALE DELLE RICERCHE (CNR) - Curriculum in PHARMACEUTICAL SCIENCES
29. PhD Course: NEUROSCIENCE
30. PhD Course: ONCOLOGY AND IMMUNOLOGY
31. PhD Course: PEDAGOGICAL, EDUCATIONAL AND INSTRUCTIONAL SCIENCES
32. PhD Course: PHARMACOLOGICAL SCIENCES
33. PhD Course: PHILOSOPHY
34. PhD Course: PHYSICS in agreement with Istituto Nazionale di Fisica Nucleare – INFN
35. PhD Course: PSYCHOLOGICAL SCIENCES
36. PhD Course: SCIENCES OF CIVIL, ENVIRONMENTAL AND ARCHITECTURAL ENGINEERING
37. PhD Course: SCIENCES, TECHNOLOGIES AND MEASUREMENTS FOR SPACE
38. PhD Course: SOCIAL SCIENCES - Curriculum in APPLIED PSYCHOLOGY
39. PhD Course: SOCIAL SCIENCES - Curriculum in SOCIOLOGY
40. PhD Course: STATISTICAL SCIENCES
41. PhD Course: TRANSLATIONAL SPECIALISTIC MEDICINE G.B. MORGAGNI
42. PhD Course: VETERINARY SCIENCES AND FOOD SAFETY

PhD Course: ANIMAL AND FOOD SCIENCE		
Department	AGRONOMIA ANIMALI ALIMENTI RISORSE NATURALI E AMBIENTE - DAFNAE	
Duration	3 years	
Number of positions	Scholarships funded by the University	n. 4	
	Scholarships funded by external public or private bodies/Departments	n. 2	**1** scholarship funded by Dipartimento di Biomedicina Comparata e Alimentazione - BCA su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "animalS and ENvironmenT: toward a sustaINablE Life" (SENTINEL) - **Topic:** Genetic and environmental sources of variation of tail biting in pigs; **1** scholarship funded by Smart PhD 2023 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART - **Topic:** Optimization of rumen fermentations through innovative technologies to improve the environmental sustainability of dairy cows' farms;
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR - **Topic:** Multifunctionality and ecosystem services of mountain livestock production; **1** scholarship Generico PNRR - **Topic:** Use of nanotechnologies in agriculture for the sustainable plant production; **1** scholarship Transizioni Digitali e Ambientali - **Topic:** Genetics and agro-ecologic transition: study of resilience in local bovine breeds;
	Positions without scholarship	n. 2	
	Total number of positions	**n. 11**	
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 40 Oral examination: points max 60	
Documents to be submitted	Thesis:	Points: max 5	1. Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor - 2. Graduated applicants: Thesis must be uploaded as a pdf file.
	Curriculum vitae:	Points: max 22	Upload your curriculum vitae et studiorum, your experiences of study, education and research abroad must be also included in the curriculum

	Scientific publications:	Points: max 3	Upload your publications - pdf file
	Other documents:	Points: max 10	1. Motivation letter describing the personal expectations and motivations of the candidate, his/her scientific interests and research topics in which he/she wishes to be involved; 2. Reference letters (Max 2) by researchers or experts evidencing the research and work aptitudes of the candidate.

Preselection: First meeting of the Evaluating Commission	**21 JUNE 2023 10:00**
Publication of the results of the evaluation of the preselection	Within **27 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.phdanimalfoodscience.org/application.html** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **27 JUNE 2023** the commission will publish on the course website https://www.phdanimalfoodscience.org/application.html the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**03 JULY 2023** 10:00 - The exam may continue: 04 JULY 2023 - Dipartimento Agronomia Animali Alimenti Risorse naturali e Ambiente, viale dell'Università 16, Legnaro (Padova), Italy (AULA BONSEMBIANTE)
Language/s	**Foreign language/s assessment at the oral examination:** At the oral examination the commission will assess the knowledge of the following language: English **Admission exam:** The admission exam will be taken in: Italian or English
Examination topics	The oral examination will be based on the candidate's motivations, the general knowledge and research aptitude in animal science (with reference to animal breeding and genetics, animal feeding and nutrition, welfare and production systems of beef, dairy, pigs, poultry, rabbits and aquaculture) and food science (with reference to production, transformation, and assessment of the quality of animal and plant food products). The research aptitude of the candidate will be assessed by discussing previous research experiences, including those regarding the master thesis.
Didactic program	The Educational Offer of the Course includes specific "Disciplinary training activities", besides "Crosscurricular training activities and soft skills Courses", i.e. Linguistic, Statistics, IPR and IPR Exploitation and Other Courses (e.g. scientific communication). All teaching activities are provided in English. More details are available at: https://www.phdanimalfoodscience.org/teaching.html
PhD Course Website:	https://www.phdanimalfoodscience.org/

Further information	**Department:** AGRONOMIA ANIMALI ALIMENTI RISORSE NATURALI E AMBIENTE - DAFNAE **Address:** Via Università - N. 16, 35020 Legnaro (PD) **Contact person:** Moro Rosalba **telephone**: +390498272617 **e-mail:** rosalba.moro@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: ASTRONOMY in agreement with Istituto Nazionale di Astrofisica - INAF			
Department	FISICA E ASTRONOMIA "GALILEO GALILEI" - DFA		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 3	
	University Scholarships co-funded by the Department	n. 1	Co-funding Department: FISICA E ASTRONOMIA "GALILEO GALILEI" - DFA
	Scholarships funded by the Institution in agreement	n. 3	**1** scholarship funded by Istituto Nazionale di Astrofisica - INAF **- Topic:** Probing the morphology and structure of galaxies beyond the cosmic noon using JWST and ELT; **1** scholarship funded by Istituto Nazionale di Astrofisica - INAF **- Topic:** Prototyping and testing of novel concept optical instruments using forefront technologies; **1** scholarship funded by Istituto Nazionale di Astrofisica - INAF **- Topic:** Theoretical and/or observational viewpoints of astronomical objects through existing or planned instrumentations or missions with INAF-OAPd involvement;
	Scholarships on PNRR funds	n. 1	**1** scholarship funded by Dipartimento di Fisica ed Astronomia "Galileo Galilei" - DFA su fondi PNRR - progetto ETIC - CUP I53C21000420006 **- Topic:** Study of adaptive optical systems for controlling the optical cavity of the ET gravitational wave interferometer, contribution of the ADONI Lab to the PNRR project ETIC;
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR **- Topic:** Astrophysics and Cosmology using forefront ground and space instrumentation; **1** scholarship Generico PNRR **- Topic:** Machine learning techniques applications in Astrophysics and Cosmology; **1** scholarship Pubblica Amministrazione **- Topic:** The Sun and the Solar System;
	Total number of positions	**n. 11**	
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 50 Oral examination: points max 50		

Documents to be submitted	Curriculum vitae:	Points: max 40	The CV must be submitted using the form: https://www.dfa.unipd.it/fileadmin/DottAstro/CV3-1-8.pdf
	Scientific publications:	Points: max 2	
	Other documents:	Points: max 8	It is mandatory to submit a research project one page long.

Preselection: First meeting of the Evaluating Commission	**21 JUNE 2023 10:00**
Publication of the results of the evaluation of the preselection	Within **23 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.dfa.unipd.it/didattica/dottorati-di-ricerca/corso-di-dottorato-di-ricerca-in-astronomia** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **23 JUNE 2023** the commission will publish on the course website https://www.dfa.unipd.it/didattica/dottorati-di-ricerca/corso-di-dottorato-di-ricerca-in-astronomia the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**26 JUNE 2023** 09:30 - The exam may continue: 27 JUNE 2023 e 28 JUNE 2023 at 09:30 - Dipartimento di Fisica e Astronomia, sede di Astronomia, Vicolo Osservatorio 5, 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: English **Admission exam:** The admission exam will be taken in: English
Examination topics	The oral examination will consist on questions related to the topics outlined in the following document: https://www.dfa.unipd.it/didattica/dottorati-di-ricerca/corso-di-dottorato-di-ricerca-in-astronomia/phdadmission/general-items-for-the-oral-exam/
Didactic program	The PhD course in Astronomy offers a large number of specialised courses and others with topics aimed at developing soft skills. Information can be found on the website: https://www.dfa.unipd.it/didattica/dottorati-di-ricerca/corso-di-dottorato-di-ricerca-in-astronomia/english-version/
PhD Course Website:	http://www.dfa.unipd.it/didattica/dottorati-di-ricerca/corso-di-dottorato-di-ricerca-in-astronomia/
Further information	**Department:** FISICA E ASTRONOMIA "GALILEO GALILEI" - DFA **Address:** Vicolo Osservatorio - N. 3, 35122 Padova (PD) **Contact person:** Zorzi Alessandra **telephone**: 0498278261 **e-mail:** didattica.dfa@unipd.it

How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: BIOMEDICAL SCIENCES			
Department	SCIENZE BIOMEDICHE - DSB		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 5	
	University Scholarships co-funded by the Department	n. 1	Co-funding Department: SCIENZE BIOMEDICHE - DSB
	Scholarships financed on "Budget MUR Dipartimenti di eccellenza" funds reserved to applicants with foreign qualifications	n. 1	**1** scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "Mitocondri, muscolo e salute: dalla molecola all'uomo" (MyoHEALTH) - **Topic:** Role of proteostasis and mitochondria in the control of muscle mass and force generation; **WARNING**: 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. 9	**1** scholarship funded by Dipartimento di Ingegneria Industriale - DII su fondi ERCadv - REPROIDS - **Topic:** Model Fragile X Syndrome using patient-derived Brain Organoids; **1** scholarship funded by Dipartimento di Ingegneria Industriale - DII su fondi ERCadv - REPROIDS - **Topic:** Model Fragile X Syndrome using patient-derived Brain Organoids; 1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi PNRR Missione 4 Avviso pubblico MUR 247.2022 "Young Researchers" progetto dal titolo: "Tackling the molecular underpinnings of aging motor neurons - MOVING" CUP C93C22007520006 , dott.ssa Emanuela Zuccaro e residui di progetti con responsabile scientifico prof.ssa Maria Pennuto - **Topic:** Molecular mechanisms of motor neuron diseases and aging; 1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi dell'Institut Laue Langevin (ILL) - **Topic:** Trapping and visualization of reaction intermediates in cofactor-independent urate oxidase catalysis; **1** scholarship funded by Fondazione per la Ricerca Biomedica Avanzata Onlus - VIMM - **Topic:** Characterization of the mechanism by which mitochondrial-ER contact sites regulate glioma cells killing by CTLs; **1** scholarship funded by Fondazione per la Ricerca Biomedica Avanzata Onlus - VIMM - **Topic:** Characterization of the mechanism by which mitochondrial-ER contact sites regulate glioma cells killing by CTLs; **1** scholarship funded by Fondazione per la Ricerca

			Biomedica Avanzata Onlus - VIMM - **Topic:** Identification of New Biomarkers Monitoring DMD Pathology and Response to Treatment; **1** scholarship funded by Fondazione per la Ricerca Biomedica Avanzata Onlus - VIMM - **Topic:** Muscle crosstalk in cancer cachexia –; **1** scholarship funded by Smart PhD 2023 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART - **Topic:** Liposomes and nanolipids applications in gene therapy and RNA-based drugs;
	Scholarships on PNRR funds	n. 2	**1** scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi PNRR - progetto D08_PNRR_CN3_S5_2 - Spoke #4: Metabolic and cardiovascular diseases - CUP C93C22002780006; Principal Investigator Prof. Marco Mongillo - **Topic:** RNA-based strategies to Capture Harmful Intercellular Crosstalk via miRNA in Arrhythmogenic cardiomyopathy; **1** scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi PNRR - progetto "Age-it", codice identificativo MUR PE00000015, nell'ambito del Piano Nazionale di Ripresa e Resilienza (PNRR), Spoke #2 Missione 4, Componente 2 – CUP C93C22005240007; Principal Investigator Prof. Marco Narici - **Topic:** Impact of physical activity on the trajectories of neuromuscular ageing in humans;
	Scholarships Ministerial Decree 118/2023	n. 4	**1** scholarship Generico PNRR - **Topic:** Mitochondrial channels in pathophysiology; **1** scholarship Generico PNRR - **Topic:** Mitochondrial metabolism in cell death and cancer; **1** scholarship Generico PNRR - **Topic:** Non-Globular Proteins in Molecular Physiopathology: A Computational Approach; **1** scholarship Pubblica Amministrazione - **Topic:** Immunotherapy for ovarian cancer: identification of novel targets;
	Positions without scholarship	n. 1	
	Total number of positions	**n. 23**	
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 40 Oral examination: points max 60		

Documents to be submitted	Thesis:	Points: max 10	Applicants already graduated must provide a pdf copy of their Master Thesis. Applicants waiting to be awarded the entrance qualification within 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor.
	Curriculum vitae:	Points: max 21	Candidates must report the final score of the Master exam they passed. Candidates that are waiting for the final score are requested to indicate the average of the scores of the exams obtained during their undergraduate Courses.
	Scientific publications:	Points: max 4	Provide pdf copies of publications and/or meeting abstracts.
	Other documents:	Points: max 5	Research experiences and Awards.

Preselection: First meeting of the Evaluating Commission	**23 JUNE 2023 09:00**
Publication of the results of the evaluation of the preselection	Within **26 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.biomed.unipd.it/didattica/phd-program-biomedical-sciences/phd-applications** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **26 JUNE 2023** the commission will publish on the course website https://www.biomed.unipd.it/didattica/phd-program-biomedical-sciences/phd-applications the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**28 JUNE 2023** 09:00 - The exam may continue: 29, 30 JUNE 2023 - Aula 0C Complesso Vallisneri Via Ugo Bassi 58/B 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: English.
Examination topics	During the oral exam, the candidate will be asked to describe his/her scientific interests, any previous research experience, and the Master thesis work. In addition, the interview will be aimed at evaluating the candidate's motivation and attitude for scientific research along with testing his/her knowledge of topics related to the Doctorate Course. For the research-bonded projects ("borse a tema vincolato" in Italian), skills and interest in the research project will be assessed.
Didactic program	PhD students will benefit of interdisciplinary scientific environment. They will attend courses both on general and specialized topics, scientific seminars and journal clubs (where presentations are given by the students). Throughout the course scientific training will take place in the laboratory of choice. For information: https://www.biomed.unipd.it/didattica/phd-program-biomedical-sciences
PhD Course Website:	https://www.biomed.unipd.it/didattica/phd-program-biomedical-sciences

Further information	**Department:** SCIENZE BIOMEDICHE - DSB **Address:** Via Ugo Bassi - N. 58/B, 35131 Padova (PD) **Contact person:** Martini Marta **telephone**: 0498276142 **e-mail:** marta.martini@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: BIOSCIENCES

Curricula	☐ BIOCHEMISTRY AND BIOTECHNOLOGY ☐ CELL BIOLOGY AND PHYSIOLOGY ☐ EVOLUTION, ECOLOGY AND CONSERVATION ☐ GENETICS, GENOMICS AND BIOINFORMATICS
Department	BIOLOGIA (DiBio)
Duration	3 years

Number of positions	Scholarships funded by the University	n. 7	
	University Scholarships co-funded by the Department	n. 1	Co-funding Department: BIOLOGIA (DiBio)
	Scholarships funded by external public or private bodies/Departments	n. 9	**1** scholarship funded by Dipartimento di Biologia - DiBio su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "I network biologici: Dalle molecole agli ecosistemi" - **Topic:** Network and quantitative biology: aspects of Biochemistry and Biotechnology. (**curriculum:** BIOCHEMISTRY AND BIOTECHNOLOGY); **1** scholarship funded by Dipartimento di Biologia - DiBio su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "I network biologici: Dalle molecole agli ecosistemi" - **Topic:** Network and quantitative biology: aspects of Cell Biology and Physiology. (**curriculum:** CELL BIOLOGY AND PHYSIOLOGY); **1** scholarship funded by Dipartimento di Biologia - DiBio su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "I network biologici: Dalle molecole agli ecosistemi" - **Topic:** Network and quantitative biology: aspects of Evolution, Ecology and Conservation. (**curriculum:** EVOLUTION, ECOLOGY AND CONSERVATION); **1** scholarship funded by Dipartimento di Biologia - DiBio su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "I network biologici: Dalle molecole agli ecosistemi" - **Topic:** Network and quantitative biology: aspects of Genetics, Genomics and Bioinformatics. (**curriculum:** GENETICS, GENOMICS AND BIOINFORMATICS); **1** scholarship funded by Dipartimento di Biologia - DiBio su fondi HORIZON-EIC-2022-PATHFINDERCHALLENGES-01, progetto "IMPACT - Cardiogenomics meets Artificial Intelligence: a step forward in arrhythmogenic cardiomyopathy diagnosis and treatment", responsabile scientifico Prof.ssa Alessandra Rampazzo - **Topic:** Development and characterization of relevant preclinical models for arrhythmogenic cardiomyopathy (ACM). (**curriculum:** GENETICS, GENOMICS AND BIOINFORMATICS); **1** scholarship funded by Dipartimento di Biologia - DiBio su fondi del progetto ERC - Rendox, responsabile scientifico Prof. Massimo Santoro -

			Topic: Metabolic control of translation in health and diseased angiogenesis (**curriculum:** CELL BIOLOGY AND PHYSIOLOGY); **1** scholarship funded by Dipartimento di Biologia - DiBio su fondi progetto HORIZON-CL5-2021-D3-03 under the CRONUS project, responsabile scientifico Dott.ssa Laura Treu **- Topic:** Biogenic Gas Utilization for Sustainable Biofuel Production: Metagenomics and Metabolic Flux Balance Analysis (**curriculum:** BIOCHEMISTRY AND BIOTECHNOLOGY); **1** scholarship funded by Dipartimento di Biologia - DiBio su fondi "Contratto per lo svolgimento del progetto Movement ecology di uccelli acquatici", responsabile scientifico Prof. Andrea Pilastro **-** **Topic:** Intrinsic and extrinsic factors affecting migratory behaviour of waterbirds (**curriculum:** EVOLUTION, ECOLOGY AND CONSERVATION); **1** scholarship funded by Dipartimento di Scienze Chirurgiche, Oncologiche e Gastroenterologiche - DISCOG **- Topic:** Role of isoprenoid metabolic pathway in melanoma progression and recurrence (**curriculum:** CELL BIOLOGY AND PHYSIOLOGY);
	Scholarships on PNRR funds	n. 4	**1** scholarship funded by Dipartimento di Biologia - DiBio su fondi PNRR - progetto National Centre for HPC, Big Data and Quantum Computing - AFFILIATO SPOKE 8 (IIT) - IN-SILICO MEDICINE & OMICS DATA - CUP C93C22002800006 **-** **Topic:** Computational approaches using hardware accelerators for high performance analysis of omics data (**curriculum:** GENETICS, GENOMICS AND BIOINFORMATICS); **1** scholarship funded by Dipartimento di Biomedicina Comparata e Alimentazione – BCA su fondi PNRR, National Biodiversity Future Centre project**-** NBFC CN5-S01 - CUP C93C22002810006 **Topic:** Linking species richness, community structure and ecosystem function to support biodiversity monitoring in increasingly urbanized marine areas (Curriculum EVOLUTION, ECOLOGY AND CONSERVATION); **1** scholarship funded by Dipartimento di Medicina molecolare - DMM su fondi PNRR - progetto National Center for Gene Therapy and Drugs based on RNA Technology, RNA DRUG DEVELOPMENT; CN00000041 - SP. 6 - CUP C93C22002780006 **-** **Topic:** Non coding RNA role in the development and progression of haematological malignancies: towards RNA-based therapies (**curriculum:** GENETICS, GENOMICS AND BIOINFORMATICS); **1** scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi PNRR - progetto National Center for Gene Therapy and Drugs based on RNA Technology- CN00000041, Azione MUR: M4C2, Nome spoke: Metabolic and cardiovascular diseases - Spoke n. 4 - Ref. prof. R. Rizzuto - Codice CUP C93C22002780006; PI prof.ssa Alessandra Rampazzo **- Topic:** RNA-based strategies to treat arrhythmogenic cardiomyopathy (ACM)

			(**curriculum**: GENETICS, GENOMICS AND BIOINFORMATICS);
	Scholarships Ministerial Decree 118/2023	n. 4	**1** scholarship Generico PNRR - **Topic:** Biological signals in life science: a biochemical and biotechnology view (**curriculum**: BIOCHEMISTRY AND BIOTECHNOLOGY); **1** scholarship Patrimonio Culturale - **Topic:** Biological signals of anthropogenic environmental changes: integrating museums and dissemination into contemporary scientific research. (**curriculum**: EVOLUTION, ECOLOGY AND CONSERVATION); **1** scholarship Pubblica Amministrazione - **Topic:** Biological processes in human and environment health and disease (**curriculum**: CELL BIOLOGY AND PHYSIOLOGY); **1** scholarship Pubblica Amministrazione - **Topic:** Biological signals in life science: a genetic, genomic and bioinformatic perspective (**curriculum**: GENETICS, GENOMICS AND BIOINFORMATICS);
	Total number of positions	**n. 25**	
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 40 Oral examination: points max 60		
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 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor.
	Curriculum vitae:	Points: max 30	The Curriculum Vitae should include information regarding the Education of the candidate and the expertise obtained. We ask the candidate to specify the weighted average of the exams score (based on the relative credits weight) taken in the Laurea Triennale (Bachelor)+Magistrale (M.Sc) /Specialistica or arithmetic average for exams taken in the Laurea Vecchio Ordinamento and the mark of the three-year degree/Magistrale/ Specialistica/ Laurea Vecchio Ordinamento. In addition to the curriculum vitae, the candidate should present also a brief description of the research interests in relation to the topics of the course in Biosciences (this statement should not be longer than 2000 words). (https://dottorato.biologia.unipd.it/)

Documents to be submitted	Scientific publications:	Points: max 3	Candidates should include a list of their publications (with pdf files for each one), posters or oral communications to national and international conferences.
	Other documents:	Points: max 1	Languages certificates.
	Further documents that the candidates think relevant to their evaluation:	Points: max 1	

Preselection: First meeting of the Evaluating Commission	**22 JUNE 2023 09:00**
Publication of the results of the evaluation of the preselection	Within **27 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https:\\dottorato.biologia.unipd.it** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **27 JUNE 2023** the commission will publish on the course website https:\\dottorato.biologia.unipd.it the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**04 JULY 2023** 09:30 - The exam may continue: 05 JULY 2023 - 06 JULY 2023 - 07 JULY 2023 - 10 JULY 2023 - 11 JULY 2023 - 12 JULY 2023 at 9:30 – Dipartimento di Biologia - Via Ugo Bassi, 58/B - 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: English **Admission exam:** The admission exam will be taken in Italian or English according to candidate's preference.
Examination topics	The exam will be on the relevant topics of the four curricula, to be chosen by the applicants: Biochemistry and biotechnology; Cellular biology and Physiology; Evolution, Ecology and Conservation, Genetics; Genomics and Bioinformatics. Candidates will be asked to illustrate their previous research experience and their scientific interests with particular reference to the research carried out at the PhD Course in Biosciences, which are fully described on School's website (https://dottorato.biologia.unipd.it/). For the priority research grants for the purpose of obtaining eligibility for the scholarship, the skills and interest of the candidate for the research project will be considered.
Didactic program	The Ph.D. course offers general and curricula-specific courses. The Ph.D. students will have the opportunity to partecipate at seminars/courses given by excellent scientists. The students will present their results to internal evaluators and during progress reports. For details see https://dottorato.biologia.unipd.it/teaching-activity/courses/
PhD Course Website:	https://dottorato.biologia.unipd.it

Further information	**Department:** BIOLOGIA (DiBio) **Address:** Via Ugo Bassi - N. 58/B, 35131 Padova (PD) **Contact person:** Brentan Martina **telephone**: 0498276312 **e-mail:** phd.biosciences.biologia@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: BRAIN, MIND AND COMPUTER SCIENCE **in agreement with Fondazione Bruno Kessler**			
Curricula	☐ NEUROSCIENCE, TECHNOLOGY, AND SOCIETY ☐ COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION		
Department	PSICOLOGIA GENERALE - DPG		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 5	
	Scholarships funded by the Institution in agreement	n. 3	**1** scholarship funded by Fondazione Bruno Kessler **- Topic:** Cognitive-behavioral interventions based on Virtual Reality and Artificial Intelligence (**curriculum:** NEUROSCIENCE, TECHNOLOGY, AND SOCIETY); **1** scholarship funded by Fondazione Bruno Kessler **- Topic:** Extracting information from clinical documents in a multilingual perspective (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION); **1** scholarship funded by Fondazione Bruno Kessler **- Topic:** Embodied Artificial Intelligence with commonsense (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);
	Scholarships funded by external public or private bodies/Departments	n. 3	**1** scholarship funded by Dipartimento di Matematica 'Tullio Levi-Civita' - DM **- Topic:** Machine Learning approaches to Digital Literacy, persuasiveness and manipulation in online media (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION); **1** scholarship funded by Smart PhD 2023 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART **- Topic:** "Zero trust" management of digital elements in manufacturing industrial chain (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION); **1** scholarship funded by Transmutex S.A. **- Topic:** Reconstructing, through Artificial Intelligence techniques and in particular Deep Learning, of the correlation between the angle and momentum of the products of nuclear reactions initiated by neutrons (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);
	Scholarships on PNRR funds	n. 1	**1** scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi PNRR - progetto "ELIXIR x NextGenerationIT: Consolidamento dell'Infrastruttura Italiana per i Dati Omici e la Bioinformatica - ElixirxNextGenIT" - IR0000010 - CUP PRR.AP026.013 - B53C22001800006 **- Topic:** Updating and Expanding Tools for Intrinsic Disordered Proteins Assessment: A Focus on CAID and ELIXIR Benchmarking Platforms (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);

	Scholarships Ministerial Decree 118/2023	n. 4	**1** scholarship Generico PNRR - **Topic:** (Energetically) efficient, incremental and continual Deep Learning models (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION); **1** scholarship Patrimonio Culturale - **Topic:** Digital modeling of ancient musical instruments (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION); **1** scholarship Pubblica Amministrazione - **Topic:** Explainable digitalization of public-administration processes (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION); **1** scholarship Pubblica Amministrazione - **Topic:** Person-oriented health interventions in transgender and gender diverse (TGD) youth: new technologies to support human care. (**curriculum:** NEUROSCIENCE, TECHNOLOGY, AND SOCIETY);
	Total number of positions	**n. 16**	
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 10	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 10	Follow a chronological order within each section of your curriculum, starting from the most recent item (For instance, when describing your education, start with the most recent degree you have obtained). Also clearly state the score obtained at graduation or, if have not yet graduated, the average value of the exam score.
	Scientific publications:	Points: max 10	Please choose one style to report the publications you authored (e.g. APA, Chicago, ...) and stick to it consistently. Do not mention presentations at conferences that are not included in full in the conference proceedings.
	Other documents:	Points: max 30	Research project (maximum 2000 words + references) prepared according to the guidelines published on this page http://hit.psy.unipd.it/BMCS/admission. Reference letters (maximum 2). Attestation/certification of level of English language released by any authorized agency

Preselection: First meeting of the Evaluating Commission	**26 JUNE 2023 14:00**
Publication of the results of the evaluation of the preselection	Within **29 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **http://hit.psy.unipd.it/BMCS/admission** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **29 JUNE 2023** the commission will publish on the course website http://hit.psy.unipd.it/BMCS/admission the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**05 JULY 2023** 09:30 - Human Inspired Technology Research Centre, via Luzzatti 4, 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: English
Examination topics	Depending on the background of the applicant, the oral examination will focus on: - computer science - psychology and neuroscience - human-computer interaction - e-health and cybertherapy - Internet of Things - machine learning - big data and security The applicant might also be asked about his/her prospective doctoral project.
Didactic program	The doctoral program has its teaching offer, including seven mandatory courses with a final examination. All courses are in English and facilitate an interdisciplinary path between psychology, cognitive neuroscience and computer science, consistently with the educational goals of the program. The students attend at least 150 hrs of classes (http://hit.psy.unipd.it/BMCS/teaching-offer).
PhD Course Website:	http://hit.psy.unipd.it/BMCS
Further information	**Department:** PSICOLOGIA GENERALE - DPG **Address:** Via Venezia - N. 8, 35131 Padova (PD) **Contact person:** Romagnolo Carla **telephone**: 049 8276375 **e-mail:** phd.bmcs@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: CLINICAL AND EXPERIMENTAL SCIENCES			
Curricula	☐ HEMATOLOGICAL AND GERIATRIC SCIENCES ☐ RHEUMATOLOGICAL AND LABORATORY SCIENCES ☐ LIVER AND TRANSPLANT SCIENCES, RARE DISEASES AND AT HIGH BIOTECHNOLOGY COMPLEXITY ☐ ENDOCRINE-METABOLIC SCIENCES AND GENDER MEDICINE ☐ KIDNEY, PHYSICAL EXERCISE AND NUTRITION SCIENCES		
Department	MEDICINA - DIMED		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 3	
	Scholarships funded by external public or private bodies/Departments	n. 2	**1** scholarship funded by Dipartimento di Medicina - DIMED su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "inFLammation in the pAthogenesis of coMplEx diSeases" (FLAMES) **- Topic:** Characterization of systemic inflammation in patients with cirrhosis and predictors of acute decompensation (**curriculum:** LIVER AND TRANSPLANT SCIENCES, RARE DISEASES AND AT HIGH BIOTECHNOLOGY COMPLEXITY); **1** scholarship funded by Dipartimento di Medicina - DIMED su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "inFLammation in the pAthogenesis of coMplEx diSeases" (FLAMES) **- Topic:** Determination of miRNA cargo from circulating EVs and effects on the inflammatory response in patients with rheumatologic disorders (**curriculum:** RHEUMATOLOGICAL AND LABORATORY SCIENCES);
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR **- Topic:** Study of the epidemiological aspects and therapeutic interventions on the complications of obesity within the organization of the Veneto obesity network (**curriculum:** ENDOCRINE-METABOLIC SCIENCES AND GENDER MEDICINE); **1** scholarship Pubblica Amministrazione **- Topic:** Impact of the Venetian clinical network for liver disease (REPAV) on the referral for acute and acute on chronic liver failure (**curriculum:** LIVER AND TRANSPLANT SCIENCES, RARE DISEASES AND AT HIGH BIOTECHNOLOGY COMPLEXITY); **1** scholarship Pubblica Amministrazione **- Topic:** Research of new non-pharmacological strategies in the management of cognitive decline in the order adults (**curriculum:** HEMATOLOGICAL AND GERIATRIC SCIENCES);
	Positions without scholarship	n. 2	

	Total number of positions	n. 10	
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 40 Oral examination: points max 60		
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 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 5	Upload a Europass Curriculum Vitae
	Scientific publications:	Points: max 10	List of scientific publications including conference abstracts
	Other documents:	Points: max 15	Brief description of the research project the candidate intends to carry out during the PhD
	Further documents that the candidates think relevant to their evaluation:	Points: max 5	
Preselection: First meeting of the Evaluating Commission	**21 JUNE 2023 09:00**		
Publication of the results of the evaluation of the preselection	Within **23 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **www.medicinadimed.unipd.it/corsi/dottorati-di-ricerca/phd-course-clinical-and-experimental-sciences** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **23 JUNE 2023** the commission will publish on the course website https://www.medicinadimed.unipd.it/corsi/dottorati-di-ricerca/phd-course-clinical-and-experimental-sciences the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	**03 JULY 2023** 09:00 - The exam may continue: 04 JULY 2023 – Dipartimento di Medicina, Via N. Giustiniani 2 - 35128 Padova, Aula 58 Palasanità		
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	Basic, translational and clinical research on the topics of the 5 curricula.
Didactic program	Seminars: Haematology and Geriatrics. Rheumatology and Laboratories. Hepatology and Transplantology, rare and highly complex biotechnological diseases. Endocrine-metabolic sciences and gender medicine. Nephrological, exercise and nutrition sciences. www.medicinadimed.unipd.it/corsi/dottorati-di-ricerca/phd-course-clinical-and-experimental-sciences
PhD Course Website:	https://www.medicinadimed.unipd.it/corsi/dottorati-di-ricerca/phd-course-clinical-and-experimental-sciences
Further information	**Department:** MEDICINA - DIMED **Address:** Via N. Giustiniani - N. 2, 35128 Padova (PD) **Contact person:** Rinaldi Laszlo **telephone**: 0498216112 **e-mail:** postlauream.dimed@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: CROP SCIENCE			
Department	AGRONOMIA ANIMALI ALIMENTI RISORSE NATURALI E AMBIENTE - DAFNAE		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 3	
	University Scholarships co-funded by the Department	n. 2	Co-funding Department: AGRONOMIA ANIMALI ALIMENTI RISORSE NATURALI E AMBIENTE - DAFNAE
	Scholarships funded by external public or private bodies/Departments	n. 1	**1** scholarship funded by Istituto di Ricerca sugli Ecosistemi Terrestri (IRET) del Consiglio Nazionale delle Ricerche (CNR) cofinanziata da Centro Interdipartimentale per la Ricerca in Viticoltura ed Enologia (CIRVE) - **Topic:** Analysis of greenhouse gas balances in agricultural sites of the ICOS-ITINERIS network;
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR - **Topic:** The impact of biodiversity in agricultural landscapes on bacterial communities of insects; **1** scholarship Generico PNRR - **Topic:** The role of strigolactones in abiotic stress resilience in crops; **1** scholarship Pubblica Amministrazione - **Topic:** Innovative tools and strategies for surveillance of exotic wood-boring beetles;
	Positions without scholarship	n. 1	
	Total number of positions	**n. 10**	
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 40 Oral examination: points max 60		
Documents to be submitted	Thesis:	Points: max 2	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 10	It is mandatory to prepare the CV by following the template available at the Crop Science course website: http://www.sciproveg.com/spv/?lang=en
	Scientific publications:	Points: max 2	Publications must be submitted as PDF

	Other documents:	Points: max 25	Research project on topics of interest for the course. The project must be completed mandatory accordingly to the guide lines provided on the website of Crop Science: http://www.sciproveg.com/spv/?lang=en
	Further documents that the candidates think relevant to their evaluation:	Points: max 1	

Preselection: First meeting of the Evaluating Commission	**23 JUNE 2023 10:00**
Publication of the results of the evaluation of the preselection	Within **03 JULY 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.sciproveg.com/spv/?lang=en** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **03 JULY 2023** the commission will publish on the course website http://www.sciproveg.com/spv/?lang=en the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**10 JULY 2023** 10:00 - The exam may continue: 11, 12, 13 JULY 2023 - Dipartimento di Agronomia Animali Alimenti Risorse Naturali e Ambiente DAFNAE - Aula multimediale - Viale dell'Università n. 16 - Legnaro (PD)
Language/s	**Foreign language/s assessment at the oral examination:** At the oral examination the commission will assess the knowledge of the following language: ENGLISH. **Admission exam:** The admission exam will be taken in ENGLISH.
Examination topics	The exam will focus on the discussion of the research project presented by the candidate with particular attention to the congruence of the proposed topic with the research lines of the PhD listed on the PhD website (https://www.sciproveg.com/?page_id=33&lang=en). For the research-bonded projects ("borse a tema vincolato" in Italian), skills and interest in the research project will be assessed.
Didactic program	17 ad hoc courses are scheduled in the following types of training activities: - Languages - Statistics - Research management - Results valorization. Seminars: Yes. Winter School during January/February. Six months abroad. https://www.sciproveg.com/?page_id=3337&lang=en
PhD Course Website:	https://www.sciproveg.com/?lang=en
Further information	**Department:** AGRONOMIA ANIMALI ALIMENTI RISORSE NATURALI E AMBIENTE - DAFNAE **Address:** Viale dell'Università - N. 16, 35020 Legnaro (PD) **Contact person:** Tono Arcangela **telephone**: 049 8272835 **e-mail:** arcangela.tono@unipd.it

How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authmatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: DEVELOPMENTAL MEDICINE AND HEALTH PLANNING SCIENCES in agreement with Fondazione Istituto di Ricerca Pediatrica Città della Speranza			
Curricula	□ ONCOHEMATOLOGY AND HUMAN GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE □ HEALTH PLANNING MODELS/ SYSTEM PLANNING		
Department	SALUTE DELLA DONNA E DEL BAMBINO - SDB		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 2	
	Scholarship funded by the Body in agreement	n. 3	**1** scholarship funded by Fondazione Istituto di Ricerca Pediatrica Città della Speranza **- Topic:** A multimodal integrated single cell strategy to erase Juvenile Myelomonocytic Leukemia (**curriculum:** ONCOHEMATOLOGY AND HUMAN GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE); **1** scholarship funded by Fondazione Istituto di Ricerca Pediatrica Città della Speranza **- Topic:** Developmental medicine (**curriculum:** ONCOHEMATOLOGY AND HUMAN GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE); **1** scholarship funded by Fondazione Istituto di Ricerca Pediatrica Città della Speranza **- Topic:** Pediatric oncology (**curriculum:** ONCOHEMATOLOGY AND HUMAN GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE);
	Scholarships funded by external public or private bodies/Departments	n. 3	**1** scholarship funded by Dipartimento di Salute della Donna e del Bambino - SDB **- Topic:** Metabolomic profile of the premature infant and nutritional deficiencies (**curriculum:** ONCOHEMATOLOGY AND HUMAN GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE); **1** scholarship funded by Dipartimento di Salute della Donna e del Bambino - SDB con il contributo di Buona Società Benefit S.p.A. **- Topic:** Metabolomics and nutrition in the newborn (**curriculum:** ONCOHEMATOLOGY AND HUMAN GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE); **1** scholarship funded by Dipartimento di Salute della Donna e del Bambino - SDB su fondi PRIN "Adoptive Chimeric Antigen Receptor cell therapy for the treatment of patients with Acute Myeloid Leukemia: Development of preclinical models to assess efficacy and safety" Cod. 2020N4S3FA Sede-Unità di Padova, responsabile prof.ssa Martina Pigazzi **- Topic:** Developing of an innovative 3D model for long term acute myeloid (AML) culture system to facilitate both, the study of cell-cell and cell-matrix interactions, cell morphology and differentiation capacity functions (**curriculum:** ONCOHEMATOLOGY AND HUMAN

			GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE);
	Scholarships on PNRR funds	n. 4	**1** scholarship funded by Dipartimento Dipartimento di Salute della Donna e del Bambino - SDB su fondi PNRR PNC - cod. MUR PNC0000002 - dal titolo "DigitAI lifelong pREvention (DARE)" - Spoke 2 "COMMUNITY-BASED DIGITAL PRIMARY PREVENTION" - CUP B33C22001340001 - **Topic:** New technological tools for preventive medical research in paediatrics (**curriculum:** ONCOHEMATOLOGY AND HUMAN GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE); **1** scholarship funded by Dipartimento di Biologia - DiBio su fondi PNRR - progetto CN00000041 - SP01 National Center for Gene Therapy and Drugs based on RNA Technology GENETIC DISEASES – Affiliato Spoke 1 – GENETIC DISEASES – CUP C93C22002780006 - **Topic:** Gene replacement therapy in Primary Coenzyme Q10 deficiency (**curriculum:** ONCOHEMATOLOGY AND HUMAN GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE); **1** scholarship funded by Dipartimento di Biologia - DiBio su fondi PNRR - progetto CN00000041 National Center for Gene Therapy and Drugs based on RNA Technology CN3 - Affiliato Spoke 9 – From target to therapy: pharmacology, safety and regulatory competence center - CUP C93C22002780006 - **Topic:** Evaluation of drug activity on intestinal and lung organoids and development of potency assay for innate and adaptive immunity (**curriculum:** ONCOHEMATOLOGY AND HUMAN GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE); **1** scholarship funded by Dipartimento di Salute della Donna e del Bambino - SDB su fondi PNRR CN3 Spoke10 "Preclinical development, GMP manufacturing and clinical trials of GTMP" - CUP C93C22002780006 - **Topic:** Development of a cell and gene therapy strategy directed against acute myeloid leukemia (**curriculum:** ONCOHEMATOLOGY AND HUMAN GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE);

Number of positions	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR - **Topic:** Innovative therapies and diagnostics for rare diseases in childhood (**curriculum:** ONCOHEMATOLOGY AND HUMAN GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE); **1** scholarship Generico PNRR - **Topic:** Innovative therapies and diagnostics for rare diseases in childhood (**curriculum:** ONCOHEMATOLOGY AND HUMAN GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE); **1** scholarship Pubblica Amministrazione - **Topic:** Applications of innovative techniques in the management of patients affected by rare diseases (**curriculum:** ONCOHEMATOLOGY AND HUMAN GENETICS, RARE DISEASES AND PREDICTIVE MEDICINE);
	Positions without scholarship	n. 2	
	Total number of positions	**n. 17**	
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 30 Oral examination: points max 70		
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 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 18	
	Scientific publications:	Points: max 5	Articles in scientific journals, book chapters, monographs, articles in non-indexed journals, abstracts or posters presented at congresses and "proceedings" are evaluated in this category. Articles in scientific journals with Impact Factor present on the ISIWEB or Scopus databases will be evaluated as a priority. The candidate must report the Impact Factor for each publication.
	Other documents:	Points: max 2	No more than two letters of reference. Other qualifications that the candidate deems useful for the evaluation.
Preselection: First meeting of the Evaluating Commission	**26 JUNE 2023 09:00**		
Publication of the results of the	Within **28 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following		

evaluation of the preselection	website: **https://www.sdb.unipd.it/dottorato-di-ricerca/bandi-e-risultati-ammissioni** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **30 JUNE 2023** the commission will publish on the course website https://www.sdb.unipd.it/dottorato-di-ricerca/bandi-e-risultati-ammissioni the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application formand who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**04 JULY 2023** at 09:00 - The exam may continue: 05 JULY 2023 at 9.00 - Dipartimento di Salute della donna e del bambino via Giustiniani n. 3 aula P56 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	Clinical and experimental research in the field of rare diseases, oncohematology, regenerative medicine, pediatric infectious diseases, genetics, diabetes and predictive medicine. Epidemiology and health planning Aptitude for scientific research and research on the topics of thematic scholarships for those applying for the latter
Didactic program	Teaching activity: lessons, seminars and tutorial laboratories both in English or Italian Language https://www.sdb.unipd.it/dottorato-di-ricerca
PhD Course Website:	https://www.sdb.unipd.it/dottorato-di-ricerca
Further information	**Department:** SALUTE DELLA DONNA E DEL BAMBINO - SDB **Address:** Via GIUSTINIANI - N. 3, 35128 PADOVA (PD) **Contact person:** D'AGATA GIOVANNI **telephone**: 049/8213501 **e-mail:** giovanni.dagata@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: ECONOMICS AND MANAGEMENT – curriculum ECONOMICS			
Department	SCIENZE ECONOMICHE E AZIENDALI "MARCO FANNO" (DSEA)		
Duration	4 years		
Number of positions	Scholarships funded by the University	n. 2	
	Scholarships on PNRR funds	n. 4	**1** scholarship funded by Dipartimento di Scienze Economiche e Aziendali "Marco Fanno" - DSEA su fondi PNRR - progetto "GRINS – Growing Resilient, INclusive and Sustainable", codice identificativo MUR PE00000018 - Spoke 2 - C93C22005270001 - **Topic:** Economics of the public sector (**curriculum:** ECONOMICS); **1** scholarship funded by Dipartimento di Scienze Economiche e Aziendali "Marco Fanno" - DSEA su fondi PNRR - progetto "GRINS – Growing Resilient, INclusive and Sustainable", codice identificativo MUR PE00000018 - Spoke 2 - C93C22005270001 - **Topic:** Economics of the public sector (**curriculum:** ECONOMICS); **1** scholarship funded by Dipartimento di Scienze Economiche e Aziendali "Marco Fanno" - DSEA su fondi PNRR - progetto "GRINS – Growing Resilient, INclusive and Sustainable", codice identificativo MUR PE00000018 - Spoke 2 - C93C22005270001 - **Topic:** Quantitative analysis of the economic impact of climate phenomena (**curriculum:** ECONOMICS); **1** scholarship funded by Dipartimento di Scienze Economiche e Aziendali "Marco Fanno" - DSEA su fondi PNRR - progetto "GRINS – Growing Resilient, INclusive and Sustainable", codice identificativo MUR PE00000018 - Spoke 3 - C93C22005270001 - **Topic:** Households' sustainability, investment in human capital and labour market outcomes (**curriculum:** ECONOMICS);
	Scholarships Ministerial Decree 118/2023	n. 2	**1** scholarship Pubblica Amministrazione - **Topic:** Economic analysis of digitalization (**curriculum:** ECONOMICS); **1** scholarship Pubblica Amministrazione - **Topic:** Evaluation of Kidney Paired Exchange programs in Italy and proposals for their expansion (**curriculum:** ECONOMICS);
	Total number of positions	**n. 8**	
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 70 Oral examination: points max 30		

Documents to be submitted	Thesis:	Points: max 3	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 31	Curriculum vitae should also specify: i) list of exams with grades of undergraduate and master studies; ii) duration of stages and visiting periods in research institutes (if any) with specification of performed activities.
	Scientific publications:	Points: max 3	
	Other documents:	Points: max 31	i) two reference letters; ii) reserch project (max. five pages). Other titles that are useful for the evaluation (and warmly recommended but not compulsory): i) GRE OR GMAT TEST SCORE; ii) TOEFL or any other certificate of proficency in English.
	Further documents that the candidates think relevant to their evaluation:	Points: max 2	
Preselection: First meeting of the Evaluating Commission	**23 JUNE 2023 09:00**		
Publication of the results of the evaluation of the preselection	Within **26 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://economia.unipd.it/en/courses/home-courses/phd-programme/phd-calls-and-admissions** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **26 JUNE 2023** the commission will publish on the course website https://economia.unipd.it/en/courses/home-courses/phd-programme/phd-calls-and-admissions the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	**03 JULY 2023** 09:00 - The exam may continue: 04, 05, 06 JULY 2023 at 9:00 - Dipartimento di Scienze Economiche e Aziendali "M. Fanno" via Bassi, 1 - 35131 Padova		
Language/s	**Admission exam:** The admission exam will be taken in: English		
Examination topics	The oral exam will consist in the discussion of the research project presented by the candidate, in particular in the verification of the knowledge of the methodological tools and of the economic theory on which the project is based. Candidates will be asked to briefly discuss a paper among those proposed by the Commission and listed in the website of the PhD Program under the section "Calls and Admissions". It will also ascertain the motivation, commitment and interest in pursuing a PhD programme at the University of Padua.		

Didactic program	The PhD programme consists of two curricula: one in Economics and one in Management. The PhD teaching activity is distinct for each curriculum; it takes place during the first year and is divided into 3 terms. For more information please visit: https://economia.unipd.it/en/courses/home-courses/phd-programme/phd-overview
PhD Course Website:	https://economia.unipd.it/en/courses/home-courses/phd-programme/phd-overview
Further information	**Department:** SCIENZE ECONOMICHE E AZIENDALI "MARCO FANNO" (DSEA) **Address:** Via Bassi - N. 1, 35131 Padova (PD) **Contact person:** Vallese Isi **telephone**: 049 8271229 **e-mail:** phd.economia@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: ECONOMICS AND MANAGEMENT – Curriculum MANAGEMENT			
Department	SCIENZE ECONOMICHE E AZIENDALI "MARCO FANNO" (DSEA)		
Duration	4 years		
Number of positions	Scholarships funded by the University	n. 3	
	Scholarships on PNRR funds	n. 2	**1** scholarship funded by Dipartimento di Scienze Economiche e Aziendali "Marco Fanno" - DSEA su fondi PNRR - Progetto "GRINS – Growing Resilient, INclusive and Sustainable", codice identificativo MUR PE00000018 - Spoke 8 – CUP: C93C22005270001 - **Topic:** Analyzing the determinants and the effects of the presence of Organized Crime in the economy (**curriculum:** MANAGEMENT); **1** scholarship funded by Dipartimento di Scienze Economiche e Aziendali "M. Fanno" - DSEA su fondi PNRR - progetto "GRINS – Growing Resilient, INclusive and Sustainable", codice identificativo MUR PE00000018 - Spoke 6 - C93C22005270001 - **Topic:** Evaluating the Potential of Energy Communities for Responsible Energy Consumption: A Mixed-Methods Approach (**curriculum:** MANAGEMENT);
	Scholarships Ministerial Decree 118/2023	n. 2	**1** scholarship Generico PNRR - **Topic:** The use of accounting information to support policy makers' decisions (**curriculum:** MANAGEMENT); **1** scholarship Pubblica Amministrazione - **Topic:** Promoting academic and student entrepreneurship: the role of KTOs and business ecosystems (**curriculum:** MANAGEMENT);
	Total number of positions	**n. 7**	
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 70 Oral examination: points max 30		
Documents to be submitted	Thesis:	Points: max 3	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 31	Curriculum vitae should also specify: i) list of exams with grades of undergraduate and master studies; ii) duration of stages and visiting periods in research institutes (if any) with specification of performed activities.
	Scientific publications:	Points: max 3	

	Other documents:	Points: max 31	i) two reference letters; ii) reserch project (max. five pages). Other titles that are useful for the evaluation (and warmly recommended but not compulsory): i) GRE OR GMAT TEST SCORE; ii) TOEFL or any other certificate of proficency in English.
	Further documents that the candidates think relevant to their evaluation:	Points: max 2	

Preselection: First meeting of the Evaluating Commission	**23 JUNE 2023 09:00**
Publication of the results of the evaluation of the preselection	Within **26 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://economia.unipd.it/en/courses/home-courses/phd-programme/phd-calls-and-admissions** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **26 JUNE 2023** the commission will publish on the course website https://economia.unipd.it/en/courses/home-courses/phd-programme/phd-calls-and-admissions the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**03 JULY 2023** 09:00 - The exam may continue: 04, 05, 06 JULY 2023 at 9:00 - Dipartimento di Scienze Economiche e Aziendali "M. Fanno" via Bassi, 1 - 35131 Padova
Language/s	**Admission exam:** The admission exam will be taken in: English
Examination topics	The oral exam will consist in the discussion of the research project presented by the candidate, in particular in the verification of the knowledge of the methodological tools and of the economic theory on which the project is based. Candidates will be asked to briefly discuss a paper among those proposed by the Commission and listed in the website of the PhD Program under the section "Calls and Admissions". It will also ascertain the motivation, commitment and interest in pursuing a PhD programme at the University of Padua.
Didactic program	The PhD programme consists of two curricula: one in Economics and one in Management. The PhD teaching activity is distinct for each curriculum; it takes place during the first year and is divided into 3 terms. For more information please visit: https://economia.unipd.it/en/courses/home-courses/phd-programme/phd-overview
PhD Course Website:	https://economia.unipd.it/en/courses/home-courses/phd-programme/phd-overview
Further information	**Department:** SCIENZE ECONOMICHE E AZIENDALI "MARCO FANNO" (DSEA) **Address:** Via Bassi - N. 1, 35131 Padova (PD) **Contact person:** Vallese Isi **telephone**: 049 8271229 **e-mail:** phd.economia@unipd.it

How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: FUSION SCIENCE AND ENGINEERING in agreement with Università degli Studi di Napoli Federico II			
Department	Centro di Ateneo "Centro Ricerche Fusione"		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 1	
	Scholarships funded by the University in agreement	n. 2	**1** scholarship funded by Università degli Studi di Napoli Federico II; **1** scholarship funded by Università degli Studi di Napoli Federico II;
	Scholarships funded by external public or private bodies/Departments	n. 1	**1** scholarship funded by Consorzio RFX - **Topic:** Design and development of the Plasma Position Reflectometry system on DTT;
	Scholarships on PNRR funds	n. 1	**1** scholarship funded by Centro Ricerche Fusione - su fondi PNRR - progetto Nefertari - New Equipment for Fusion Experimental Research and Technological Advancements with RFX Infrastructure IR_NEFERTARI - CUP B53C22003070006 - **Topic:** Diagnostics of confinement properties of fusion plasmas;
	Scholarships Ministerial Decree 118/2023	n. 2	**1** scholarship Generico PNRR - **Topic:** Advanced studies on magnetically confined plasmas for fusion research; **1** scholarship Transizioni Digitali e Ambientali - **Topic:** Advanced control techniques in magnetic confinement fusion devices;
	Total number of positions	**n. 7**	
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 70 Oral examination: points max 30		
Documents to be submitted	Thesis:	Points: max 10	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 30	The CV (please use the Europass CV template) must include the following information: - Grade Point Average (GPA) for every degree obtained (attach copy of the Transcript of Records) - Time spent abroad during your studies (e.g. Erasmus grants, Time, Erasmus Placement, thesis abroad, etc.) - Relevant work experience (research grants, scholarships, internship periods, period of

			employment) - Awards - Knowledge of foreign languages (certifications)
	Scientific publications:	Points: max 5	Manuscripts accepted for publication can also be considered if suitable documentation is provided (conference programme, acceptance letter, DOI etc.)
	Other documents:	Points: max 25	The candidate must submit a RESEARCH PROJECT among the research topics reported at: https://crf.unipd.it/phd/admission The description of constrained research topics funded by external partners (if any) are reported at: https://crf.unipd.it/phd/admission If the candidate is applying for a scholarship with constrained research topic, the proposed project must be related to that specific research topic. The research project must include: 1) Project title and abstract (max 500 words) 2) State of the Art of the subject of the project (max one page) 3) Project objectives and scientific and personal motivations for undertaking the specific research proposed and for choosing the PhD course in Fusion Science and Engineering (max one page) 4) Methods proposed to achieve the project objectives, and sequence of activities (max one page) 5) References (max 10) The project should be written in English using an A4 page format, with 2.5 cm margins, single line, font Times New Roman 12pt.

Preselection: First meeting of the Evaluating Commission	**23 JUNE 2023 10:30**
Publication of the results of the evaluation of the preselection	Within **23 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://crf.unipd.it/phd/admission** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **23 JUNE 2023** the commission will publish on the course website https://crf.unipd.it/phd/admission the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**27 JUNE 2023 09:00** - The exam may continue: 28 JUNE 2023 at 9:00 – Centro Ricerche Fusione c/o Consorzio RFX Corso Stati Uniti, 4 35127 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: English
Examination topics	Plasma physics and magnetic confinement fusion technology

Didactic program	The teaching activity of the course addresses topics related to Fusion Science and Engineering. Specifically the following three Advanced Courses are offered: - AC1: Physics and Diagnostics of Plasmas - AC2: Plasma Control - AC3: Fusion Technologies Further info: https://crf.unipd.it/phd/courses
PhD Course Website:	https://crf.unipd.it/phd
Further information	**Department:** Centro di Ateneo "Centro Ricerche Fusione" **Address:** Corso Stati Uniti - N. 4, 35127 Padova (PD) **Contact person:** Minicuci Maurizio **telephone**: 0498295891 **e-mail:** maurizio.minicuci@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: GEOSCIENCES			
Department	GEOSCIENZE		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 5	
	Scholarships funded by the University reserved to applicants with foreign qualification	n. 1	**WARNING**: 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. 5	**1** scholarship funded by Dipartimento di Geoscienze su fondi Budget MUR - Dipartimenti di Eccellenza 2023-2027 - Progetto "Le Geoscienze per lo Sviluppo Sostenibile"; Scientific Coordinator: prof. Nicola Surian **- Topic:** Climate change impacts and mitigation of related risks; **1** scholarship funded by Dipartimento di Geoscienze su fondi Budget MUR - Dipartimenti di Eccellenza 2023-2027 - Progetto "Le Geoscienze per lo Sviluppo Sostenibile"; Scientific Coordinator: prof. Nicola Surian **- Topic:** Georesources for energy transition and geomaterials; **1** scholarship funded by Dipartimento di Geoscienze su fondi Budget MUR - Dipartimenti di Eccellenza 2023-2027 - Progetto "Le Geoscienze per lo Sviluppo Sostenibile"; Scientific Coordinator: prof. Nicola Surian **- Topic:** Water resources and soils: conservation, remediation and management; **1** scholarship funded by Dipartimento di Geoscienze su fondi Progetto DIANE (DIrt And Excrements: Integrating high-resolution sediment analysis and advanced biomolecular archaeology) – Bando FARE Ricerca in Italia **- Topic:** Analysis of biomarkers from pre-protohistoric archaeological contexts by means of separation techniques coupled with mass spectrometry; **1** scholarship funded by Smart PhD 2023 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART **- Topic:** Roof tiles manufacture. Inter-relationships between raw materials selection, pre-treatment and processing parameters with microstructure and gelivity. Resource and environmental impact optimization;
	Scholarships Ministerial Decree 118/2023	n. 4	**1** scholarship Generico PNRR **- Topic:** Monitoring water circulation in the crust with seismology; **1** scholarship Patrimonio Culturale **- Topic:** Natural forgeries: Falsification techniques of museum specimens (fossils and minerals); **1** scholarship Pubblica Amministrazione **- Topic:** Analysis, Digitalisation, and Intervention on urban Aggregates to revamp historical CENTres and villages (ADIACENT); **1** scholarship Pubblica Amministrazione **- Topic:** Increasing reliability of simulations of

			sediment connectivity and transport in river networks;
	Total number of positions	**n. 15**	

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 50 Oral examination: points max 50		
Documents to be submitted	Thesis:	Points: max 2	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 20	Please attach along with the curriculum vitae the transcript of records of both Bachelor and Master 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 https://www.geoscienze.unipd.it/phd-research-projects-2023. 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	
Preselection: First meeting of the Evaluating Commission	**23 JUNE 2023 09:00**		
Publication of the results of the evaluation of the preselection	Within **03 JULY 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.geoscienze.unipd.it/corsi/scuola-dottorato** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **03 JULY 2023** the commission will publish on the course website https://www.geoscienze.unipd.it/corsi/scuola-dottorato the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**06 JULY 2023** 09:00 - The exam may continue: 07 JULY 2023 at 09:00 - Sala Ammoniti - Dipartimento di Geoscienze, via Giovanni Gradenigo 6, 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: English **Admission exam:** The admission exam will be taken in: English/Italian
Examination topics	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.
Didactic program	All teaching activities are in English. In detail, the Ph.D. students must attend compulsory courses mainly during the first year of Ph.D. (Multivariate Analysis, Experimental design, Scientific English for PhD Geosciences students and The PhD student in the research world). Other courses are organized by the Ph.D. Course. For more info: http://www.geoscienze.unipd.it/corsi/scuola-dottorato
PhD Course Website:	https://www.geoscienze.unipd.it/corsi/scuola-dottorato
Further information	**Department:** GEOSCIENZE **Address:** Via G. Gradenigo - N. 6, 35131 Padova (PD) **telephone**: 0498279192 **e-mail:** dottorato.geoscienze@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: HISTORICAL, GEOGRAPHICAL AND ANTHROPOLOGICAL STUDIES in agreement with Università Ca' Foscari Venezia			
Curricula	☐ HISTORICAL STUDIES ☐ GEOGRAPHICAL STUDIES ☐ HISTORIC-RELIGIOUS AND ANTHROPOLOGICAL STUDIES		
Department	SCIENZE STORICHE, GEOGRAFICHE E DELL'ANTICHITA' (DiSSGeA)		
Duration	4 years		
Number of positions	Scholarships funded by the University	n. 5	
	University Scholarships co-funded by the Department	n. 1	Co-funding Department: SCIENZE STORICHE, GEOGRAFICHE E DELL'ANTICHITA' (DiSSGeA)
	Scholarships funded by the Body in agreement	n. 3	**1** scholarship funded by Università Ca' Foscari Venezia; **1** scholarship funded by Università Ca' Foscari Venezia; **1** scholarship funded by Università Ca' Foscari Venezia;
	Scholarships Ministerial Decree 118/2023	n. 5	**1** scholarship Generico PNRR - **Topic:** Sustainability-oriented knowledge, protection, and promotion of natural and cultural heritage: geographic approaches (**curriculum:** GEOGRAPHICAL STUDIES); **1** scholarship Patrimonio Culturale - **Topic:** An Urban History of Early Medieval Europe: Piacenza and its archives in the "long 10th century" (**curriculum:** HISTORICAL STUDIES); **1** scholarship Pubblica Amministrazione - **Topic:** Digital sound archive at the Veneto Great War Memorial (**curriculum:** HISTORICAL STUDIES); **1** scholarship Pubblica Amministrazione - **Topic:** History and tourist promotion of the Via Querinissima (**curriculum:** HISTORICAL STUDIES); **1** scholarship Pubblica Amministrazione - **Topic:** Universa Universis Patavina Hereditas: inclusive museum pathways in the city of Padua (**curriculum:** GEOGRAPHICAL STUDIES);
	Total number of positions	**n. 14**	
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 15	In addition to the master thesis (as a pdf file), all applicants will submit an abstract of the thesis of no more than 4 pages, using the template available at: https://dottoratogesta.it/en/how-to-apply/ If the

			candidate wrote his/her MA thesis in a language other than Italian, English or French, he/she will submit an abstract of no more than 4 pages in one of those languages and signed by the candidate and his/her supervisor, using the template available at: https://dottoratogesta.it/en/how-to-apply/ Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor using the template available at: https://dottoratogesta.it/en/how-to-apply/
	Curriculum vitae:	Points: max 10	To submit the curriculum, applicants are required to use the template available at: https://dottoratogesta.it/en/how-to-apply/
	Scientific publications:	Points: max 5	Upload each publication as a pdf file. The publication list must be filled in the Curriculum template at https://dottoratogesta.it/en/how-to-apply/ For each publication applicants are required to provide: author, title, publication date and place
	Other documents:	Points: max 30	All applicants must submit: a) a Research Project they propose to carry out during the four-year doctoral programme using the research project template available at: https://dottoratogesta.it/en/how-to-apply/ b) two reference letters in accordance with thelematic procedure described in the call
Preselection: First meeting of the Evaluating Commission	**22 JUNE 2023 16:00**		
Publication of the results of the evaluation of the preselection	Within **03 JULY 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://dottoratogesta.it/ammissione/** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **03 JULY 2023** the commission will publish on the course website https://dottoratogesta.it/ammissione/ the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	**06 JULY 2023 09:00** - The exam may continue: 07JULY 2023 at 12.00; 11 JULY 2023, at 9.30 - Dipartimento di scienze storiche, geografiche e dell'antichità, Via del Vescovado, 30 - 35141 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 or French **Admission exam:** The admission exam will be taken in: Italian or English		
Examination topics	Discussion of the research project; presentation of candidates' background and publications; foreign language assessment		

Didactic program	1st year: methodological seminars; seminars on tools for the scientific work; Academic English; Intercomprehension (French-Spanish); seminars to discuss the PhD candidates' research; disciplinary seminars. Following years: disciplinary seminars, tools for the scientific work and presentation of the PhD candidates'research. https://dottoratogesta.it/en/teaching-activity/
PhD Course Website:	https://dottoratogesta.it/
Further information	**Department:** SCIENZE STORICHE, GEOGRAFICHE E DELL'ANTICHITA' (DiSSGeA) **Address:** Via del Vescovado - N. 30, 35141 Padova (PD) **Contact person:** Napolitano Federica **telephone**: 0498278520 **e-mail:** segreteria@gesta.scuoladottorato.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: HISTORY, CRITICISM AND PRESERVATION OF CULTURAL HERITAGE			
Department	BENI CULTURALI: ARCHEOLOGIA, STORIA DELL'ARTE, DEL CINEMA E DELLA MUSICA (DBC)		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 7	
	Scholarships funded by external public or private bodies/Departments	n. 3	**1** scholarship funded by Borsa di Ateneo cofinanziata con Dipartimento dei Beni Culturali: Archeologia, Storia dell'Arte, del Cinema e della Musica - DBC **- Topic:** Integrated methods for the identification and reconstruction of original polychromies in archaeological artifacts; **1** scholarship funded by Dipartimento dei Beni Culturali: Archeologia, Storia dell'Arte, del Cinema e della Musica - DBC su fondi del progetto "Sensory Impairment and Disability in Medieval Europe: Inclusive Approaches for Studying the Experience of Art – SIDME", PI prof.ssa Zuleika Murat - **Topic:** The Material Culture of Disabilty in the Middle Ages: Confraternities and Charitable Institutions; **1** scholarship funded by Lascito "Eredità prof. Giovanni Calendoli" **- Topic:** Theatre and performing arts from the 16th to the 19th century;
	Scholarships Ministerial Decree 118/2023	n. 4	**1** scholarship Generico PNRR **- Topic:** Research on and promotion of Musical Heritage in the context of the development themes of the PNRR; **1** scholarship Patrimonio Culturale - **Topic:** Research on and promotion of Archaeological Heritage; **1** scholarship Patrimonio Culturale - **Topic:** Research on and promotion of Historical and Artistic Heritage; **1** scholarship Pubblica Amministrazione - **Topic:** Preservation, Conservation, Restoration, and Valorization of museum institutions, archeological areas, monumental sites, and historical centres;
	Positions without scholarship	n. 2	
	Total number of positions	**n. 16**	
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 58 Oral examination: points max 42		

Documents to be submitted	Thesis:	Points: max 2	Candidates who will be awarded the qualification required by 30 September 2023 must submit a summary of their thesis (up to 4 pages) signed by themselves and their supervisor. Candidates who already have the qualification required must submit their thesis and an abstract of 10,000 characters (the abstract must cover the topic of their thesis, the methodology and their results).
	Curriculum vitae:	Points: max 7	The CV must include a list of exams with marks, all formal qualifications (specialization, Master in a relevant subject, any other degree, etc.) with their marks. CVs must also mention any research and professional activity (such as laboratories, excavations, internships etc.) in the relevant subjects and any other relevant qualification.
	Scientific publications:	Points: max 5	The candidate can include up to 5 scientific works published in 2020, 2021, 2022 and/or 2023. The candidate can also add works in the process of being published, providing they include a confirmation statement from the publisher.
	Other documents:	Points: max 44	The research proposal that the candidate wants to develop (up to 20,000 characters, blank spaces and bibliography included). The research proposal must be relevant for the research topics of the PhD Course.
Preselection: First meeting of the Evaluating Commission	**21 JUNE 2023 09:30**		
Publication of the results of the evaluation of the preselection	Within **28 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.beniculturali.unipd.it/www/corsi/dottorati-di-ricerca/presentazione/** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **28 JUNE 2023** the commission will publish on the course website https://www.beniculturali.unipd.it/www/corsi/dottorati-di-ricerca/presentazione/ the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	**04 JULY 2023 09:30** - The exam may continue: 5 JULY 2023 at 09:30 - 6 JULY 2023 at 09:30 – AULA DIANO, PALAZZO LIVIANO, PIAZZA CAPITANIATO 7, 35139 PADOVA		
Language/s	**Foreign language/s assessment at the oral examination:** At the oral examination the commission will assess the knowledge of two languages chosen among English, French, German, Spanish, Italian (the candidate native language cannot be included). **Admission exam:** The admission exam will be in Italian or in English.		
Examination topics	For the oral test will be assessed the degree of general knowledge on the subject area, including methodological and bibliographical update, covered by the project submitted by the candidate. Research fields admitted are: L-ANT/01Prehistory and		

	early history, L-ANT/04 Numismatics,L-ANT/06 Etruscology and italic antiquities, L-ANT/07 Classical archaeology,L-ANT/08 Christian and medieval archaeology, L-ANT/09 Ancient topography, L-ANT/10 Methods of archaeologicalresearch, L-ART/01 History of medieval art, L-ART/02 History of modern art, L-ART/03 History of contemporary art,L-ART/04 Museology, art and restoration criticism, L-ART/05 Performing arts, L-ART/06 Cinema, photography and television, L-ART/07 Musicology and history of music, CHIM/03 General and inorganic chemistry, GEO/09 Miningresources, mineralogic and petrographic applications for the environment and for cultural heritage, GEO/11 Applied geophysics, ICAR/06 Topography and cartography, ICAR/18 Architectural history, ICAR/19 Architectural restoration, ING-INF/05 Information Processing systems.
Didactic program	During the three years the PhD candidate must attend: interdisciplinary courses, organized by the Professors of the Board; cross-educational activities and soft skills; other activities (seminars, study days, symposiums); the active participation to symposiums inlcuding those outside the PhD Course See here: http://www.beniculturali.unipd.it/www/corsi/dottorati-diricerca/presentazione/
PhD Course Website:	https://www.beniculturali.unipd.it/www/corsi/dottorati-di-ricerca/presentazione/
Further information	**Department:** BENI CULTURALI: ARCHEOLOGIA, STORIA DELL'ARTE, DEL CINEMA E DELLA MUSICA (DBC) **Address:** Piazza Capitaniato - N. 7, 35139 Padova (PD) **Contact person:** Congiu Caterina **telephone**: 0498274653 **e-mail:** phd.beniculturali@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

<table>
<tr><td colspan="4">PhD Course: HUMAN RIGHTS, SOCIETY, AND MULTI-LEVEL GOVERNANCE
in agreement with Tangaza University College (Kenya)</td></tr>
<tr><td>Curricula</td><td colspan="3">☐ INCLUSION AND PSYCHOLOGICAL GROWTH
☐ HUMAN RIGHTS PROTECTION AND SOCIAL JUSTICE</td></tr>
<tr><td>Department</td><td colspan="3">Centro di Ateneo per i Diritti Umani "Antonio Papisca"</td></tr>
<tr><td>Duration</td><td colspan="3">3 years</td></tr>
<tr><td rowspan="5">Number of positions</td><td>Scholarships funded by the University</td><td>n. 3</td><td></td></tr>
<tr><td>Places reserved for candidates with qualification obtained at Tangaza University College (Kenya)</td><td>n. 2</td><td>1 scholarship funded by Tangaza University College (Nairobi, Kenya) - Topic: Social Transformation in Security, Peacebuilding, and Development in Africa. (curriculum: HUMAN RIGHTS PROTECTION AND SOCIAL JUSTICE);
1 scholarship funded by Tangaza University College (Nairobi, Kenya) - Topic: Social Transformation in Security, Peacebuilding, and Development in Africa. (curriculum: HUMAN RIGHTS PROTECTION AND SOCIAL JUSTICE);</td></tr>
<tr><td>Scholarships Ministerial Decree 118/2023</td><td>n. 3</td><td>1 scholarship Generico PNRR - Topic: Mapping climate justice, land rights and fossil fuel phasing out. Intersections among Europe and Latin America (curriculumHUMAN RIGHTS PROTECTION AND SOCIAL JUSTICE);
1 scholarship Pubblica Amministrazione - Topic: Civil Peace Corps: new opportunity for Republic of Italy commitment to the promotion of international peace and security (curriculum: HUMAN RIGHTS PROTECTION AND SOCIAL JUSTICE);
1 scholarship Pubblica Amministrazione - Topic: Multi-level governance for the promotion of human rights and inclusion (curriculum: INCLUSION AND PSYCHOLOGICAL GROWTH);</td></tr>
<tr><td>Total number of positions</td><td>n. 8</td><td></td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td>Selection criteria</td><td colspan="3">PRESELECTION ON THE BASIS OF EVALUATION OF QUALIFICATIONS AND ORAL EXAMINATION</td></tr>
<tr><td>Oral examination via remote interview:</td><td colspan="3">Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool.</td></tr>
<tr><td>Evaluation criteria</td><td colspan="3">Qualifications: points max 60
Oral examination: points max 40</td></tr>
<tr><td rowspan="2">Documents to be submitted</td><td>Curriculum vitae:</td><td>Points: max 25</td><td>Curriculum Vitae in English (including list of publications and other qualifications, if any)</td></tr>
<tr><td>Other documents:</td><td>Points: max 35</td><td>Research project written in English. For the university scholarships, the fields of the research project must fall within one of the following areas: 1) Peace and non-violent conflict management; 2) Regional (Inter-American and African) human rights systems; 3) The severe labour exploitation of women from a human</td></tr>
</table>

			rights perspective. Those who also apply for subject-related scholarships can propose a project on the chosen theme.
Preselection: First meeting of the Evaluating Commission	**26 JUNE 2023 09:00**		
Publication of the results of the evaluation of the preselection	Within **30 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://unipd-centrodirittiumani.it/en/attivita/Human-Rights-Society-and-Multi-level-Governance/981** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **30 JUNE 2023** the commission will publish on the course website https://unipd-centrodirittiumani.it/en/attivita/Human-Rights-Society-and-Multi-level-Governance/981 the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	**05 JULY 2023** 09:00 - The exam may continue: during the following days - Università degli Studi di Padova Centro di Ateneo per i Diritti Umani (Italia) via Beato Pellegrino 28 - 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: English		
Examination topics	During the interview, the candidate is invited to discuss the submitted research project		
Didactic program	A Joint International three-year full-time PhD programme, based in Padova and a minimum stay of one month abroad at Tangaza University, with a programme developed on two curricula: Human Rights Protection and Social Justice; Inclusion and Psychological Growth. PhD graduates gain a multi/interdisciplinary profile in human rights studies, majoring in politics, law, sociology, psychology, economics		
PhD Course Website:	https://unipd-centrodirittiumani.it/en/attivita/Human-Rights-Society-and-Multi-level-Governance/981		
Further information	**Department:** Centro di Ateneo per i Diritti Umani "Antonio Papisca" **Contact person:** Milan Katia **Email:** phd.humanrights@unipd.it		
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**		

PhD Course: INDUSTRIAL ENGINEERING			
Curricula	☐ CHEMICAL AND ENVIRONMENTAL ENGINEERING ☐ MECHANICAL ENGINEERING ☐ MATERIALS ENGINEERING ☐ ENERGY ENGINEERING ☐ ELECTRICAL ENGINEERING		
Department	INGEGNERIA INDUSTRIALE - DII		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 12	
	University Scholarships co-funded by the Department	n. 1	Co-funding Department: INGEGNERIA INDUSTRIALE - DII
	Scholarships funded by external public or private bodies/Departments	n. 11	**1** scholarship funded by Dip. di Ingegneria Industriale - DII su fondi Casale - **Topic:** ePRODET 4.0 – Development of experimental protocols for chemical processes through machine learning and digital models in nitrogen industry 4.0 (**curriculum:** CHEMICAL AND ENVIRONMENTAL ENGINEERING); **1** scholarship funded by Dip. di Ingegneria Industriale - DII su fondi del contratto commerciale con UniSMART - Fondazione Università degli Studi di Padova – resp. scient. Giovanni Meneghetti - **Topic:** Design methods for the predictive maintenance of agricultural implements subjected to in-field load spectra with definition and validation of digital twins (**curriculum:** MECHANICAL ENGINEERING); **1** scholarship funded by Dip. di Ingegneria Industriale - DII su fondi del progetto EcoFlot Scale-up and Demonstration of the CoarseAir Flotation Technology - **Topic:** Life cycle sustainability innovation in raw materials to minimize environmental impacts of mining and processing (**curriculum:** CHEMICAL AND ENVIRONMENTAL ENGINEERING); **1** scholarship funded by Dip. di Ingegneria Industriale - DII su fondi del progetto europeo H-HOPE - **Topic:** Modelling and analysis of the dynamic behaviour of innovative energy harvesters in water flows (**curriculum:** ENERGY ENGINEERING); **1** scholarship funded by Dip. di Scienze chimiche - DISC su fondi UE HORIZON CL4-2022-RESILIENCE-01-19 101091534 Knowskite-X della Prof.ssa Antonella Glisenti - **Topic:** Solids oxide fuel- and electrochemical cells modellig based on microkinetics (**curriculum:** CHEMICAL AND ENVIRONMENTAL ENGINEERING); **1** scholarship funded by EniProgetti S.p.A. - **Topic:** Design optimization of a wind or solar generation plant, also off-shore, connected to the TSO/DSO network (**curriculum:** ENERGY

			ENGINEERING); **1** scholarship funded by EniProgetti S.p.A. **-****Topic:** Development of engineering methods and digital twins for scale-up and efficiency improvement of plants for chemical processes and production sites within energy transition framework (**curriculum:** CHEMICAL AND ENVIRONMENTAL ENGINEERING); **1** scholarship funded by Istituto Italiano di Tecnologia - IIT **- Topic:** Development of a robotic system for fragile, soft and delicate materials manipulation (**curriculum:** MECHANICAL ENGINEERING); **1** scholarship funded by Istituto per le tecnologie della costruzione del Consiglio nazionale delle ricerche - ITC-CNR **- Topic:** Thermal Energy Storage Design and Development (**curriculum:** ENERGY ENGINEERING); **1** scholarship funded by Istituto per le tecnologie della costruzione del Consiglio nazionale delle ricerche - ITC-CNR nell'ambito delle attività del progetto H2020 ENOUGH - European food chain supply to reduce GHG emissions by 2050 **-****Topic:** Demonstration of best technologies for environmental sustainability of food supply chain and refrigerated transport (**curriculum:** ENERGY ENGINEERING); **1** scholarship funded by Istituto per le tecnologie della costruzione del Consiglio nazionale delle ricerche - ITC-CNR nell'ambito delle attività dell'Ecosistema dell'Innovazione "iNEST Interconnected Nord-Est Innovation Ecosystem"- Piano Nazionale di Ripresa e Resilienza PNRR **-****Topic:** Smart and sustainable HVAC&R solutions for production processes and supply chain in Industry 5.0 (**curriculum:** ENERGY ENGINEERING);
	Scholarships on PNRR funds	n. 3	**1** scholarship funded by Dip. di Ingegneria Industriale - DII su fondi PNRR - progetto NEST - Network 4 Energy Sustainable Transition, Spoke 8 "Final use optimization, sustainability & resilience in energy Supply chain" - CUP: C93C22005230007 **-****Topic:** Energy profiles and efficiency scenarios by means of UBEMs (Urban Building Energy Models) (**curriculum:** ENERGY ENGINEERING); **1** scholarship funded by Dip. di Ingegneria Industriale - DII su fondi PNRR - progetto NEST - Network 4 Energy Sustainable Transition, Spoke 8 "Final use optimization, sustainability & resilience in energy Supply chain" - CUP: C93C22005230007 **-****Topic:** New model for optimization of energy systems based on Life Cycle Sustainability Assessment (**curriculum:** ENERGY ENGINEERING); **1** scholarship funded by Dip. di Tecnica e gestione dei sistemi industriali - DTG su fondi PNRR - progetto PE2 NEST SPOKE 5: "Energy Conversion" WP 5.1 "Components and devices for electric conversion" T5.1.3 - CUP C93C22005230007 **-****Topic:** Analysis, design and test of innovative

			electric machines and drives (**curriculum:** ELECTRICAL ENGINEERING);
	Scholarships Ministerial Decree 118/2023	n. 7	**1** scholarship Generico PNRR - **Topic:** Adaptive metal flow control in stamping through ferrofluidic actuators (**curriculum:** MECHANICAL ENGINEERING); **1** scholarship Generico PNRR - **Topic:** Decarbonification of the chemical industry: heating by electric energy by microwaves (**curriculum:** CHEMICAL AND ENVIRONMENTAL ENGINEERING); **1** scholarship Pubblica Amministrazione - **Topic:** Advanced technique for emerging radionuclides cyclotron solid targets preparation (**curriculum:** MATERIALS ENGINEERING); **1** scholarship Pubblica Amministrazione - **Topic:** Assessment of exposure to airborne particulates and nanomaterials in the workplace and design of mitigation methods (**curriculum:** MATERIALS ENGINEERING); **1** scholarship Pubblica Amministrazione - **Topic:** Circular economy in microalgae production as a superfood: recovery of food industry byproducts for the development of functional foods (**curriculum:** CHEMICAL AND ENVIRONMENTAL ENGINEERING); **1** scholarship Pubblica Amministrazione - **Topic:** Environmental and energy sustainability of manufacturing processes using environmentally friendly lubricants (**curriculum:** MATERIALS ENGINEERING); **1** scholarship Pubblica Amministrazione - **Topic:** Rover-drone robotic system for autonomous monitoring and preservation of archeological sites (**curriculum:** MECHANICAL ENGINEERING);
	Total number of positions	**n. 34**	
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 90 Oral examination: points max 10		
Documents to be submitted	Curriculum vitae:	Points: max 67	- Grade Point Average weighted by the number of credits for exams taken in the Laurea Triennale+Magistrale/Specialistica or arithmetic average for exams taken in the Laurea Vecchio Ordinamento. For students with a foreign degree, provide the Grade Point Average (GPA) for each degree obtained (max score 45). - Other information (max score 22): 1) Actual length of your studies; 2) Time spent abroad during your studies (e.g. Erasmus grants, Time, Erasmus Placement, thesis abroad, etc.); 3) Relevant work experience after graduation (research grants, scholarships, internship

			periods, period of employment); 4) Scientific awards relevant to the curriculum; 5) Relevance of your profile with respect to the Curriculum indicated as primary choice and with respect to a specific research topic ("Tema Vincolato"), if selected; 6) Other qualifications (e.g., number of A+ grades, graduation with honors, teaching assistantships). WARNING: only the qualifications listed using the "LIST OF QUALIFICATIONS" template will be considered; the template is available at: https://academics.dii.unipd.it/phd/admission
	Scientific publications:	Points: max 4	Scientific publications: publications in journals/conferences proceedings/books and patents; report full bibliographical information (name of authors, journal or conference name, volume, publication year, pages, DOI). Manuscripts accepted for publication will be considered only if DOI is provided. (max score 4). WARNING: insert publication data in the "LIST OF QUALIFICATIONS" template available at: https://academics.dii.unipd.it/phd/admission
	Other documents:	Points: max 19	1) Preparation of a research project proposal for the three years of the PhD, clearly explaining the scientific and personal reasons for undertaking the specific research proposed and for choosing the PhD school in Industrial Engineering and the Curriculum chosen. If you are applying for a specific research topic ("Tema Vincolato"), the proposed project must be related to that topic (max score 14). 2) Extended abstract of the Master's thesis. If the candidate has not yet graduated, the extended abstract must be signed by the thesis supervisor (max score 2.5). 3) Reference letter written through the PICA web form by a faculty member or a person working in industry (max score 2.5). WARNING: for points 1) and 2) the candidate must use the templates available at: https://academics.dii.unipd.it/phd/admission
Preselection: First meeting of the Evaluating Commission	**21 JUNE 2023 09:00**		
Publication of the results of the evaluation of the preselection	Within **26 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://academics.dii.unipd.it/phd/admission** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **26 JUNE 2023** the commission will publish on the course website https://academics.dii.unipd.it/phd/admission the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	**28 JUNE 2023** 09:00 - The exam may continue: 29, 30 JUNE 2023 e 9:00 - Dipartimento di Ingegneria Industriale, via Venezia 1, 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: English.
Examination topics	Short presentation in English of the research project proposal. Follow the instructions and use the slide template available at: https://academics.dii.unipd.it/phd/admission
Didactic program	The Training Plan is specific to each PhD student and focuses on the deepening of scientific knowledge through high level specialization courses, seminars and teaching of general and basic tools for research, including soft skills. Further information on the training offer can be found on the website: https://academics.dii.unipd.it/phd/training
PhD Course Website:	https://academics.dii.unipd.it/phd/
Further information	**Department:** INGEGNERIA INDUSTRIALE - DII **Address:** Via Giovanni Gradenigo - N. 6/A, 35131 Padova (PD) **Contact person:** Fazio Valentina **telephone**: +390498277477 **e-mail:** dottorato.dii@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: INFORMATION ENGINEERING			
Curricula	☐ BIOENGINEERING ☐ INFORMATION SCIENCE AND TECHNOLOGY		
Department	INGEGNERIA DELL'INFORMAZIONE - DEI		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 9	
	University Scholarships co-funded by the Department	n. 1	Co-funding Department: INGEGNERIA DELL'INFORMAZIONE - DEI
	Scholarships funded by external public or private bodies/Departments	n. 24	**1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI; **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI; **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI; **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI su fondi EU-QSNP, responsabile prof. Paolo Villoresi - **Topic:** Experimental Methods for Quantum Communications (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI su fondi REDDIE, responsabile dott.ssa Martina Vettoretti - **Topic:** Data-driven methodologies for conducting retrospective observational studies and developing simulation models based on diabetes real-world data (**curriculum:** BIOENGINEERING); **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI su fondi Sony Europe BV progetto "Implicit scene representation in a multi-sensor scenario"; responsabile prof. Pietro Zanuttigh - **Topic:** Scene understanding with deep learning and implicit representations (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI su fondi con responsabile prof. Enrico Zanoni - **Topic:** Study of deep level effects and reliability in submicrometer gate length Gallium Nitride High Electron Mobility Transistors (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI su fondi con responsabile prof. Matteo Meneghini - **Topic:** Power GaN HEMT: static and switching reliability (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI su fondi con responsabili prof. Matteo Meneghini e prof. Enrico Zanoni - **Topic:** Physics and degradation of optoelectronic

			devices (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI su fondi conto terzi, responsabile prof. Alessandro Beghi - **Topic:** Design of control algorithms and optimization strategies for virtual vehicles and driving simulators (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI su fondi conto terzi, responsabile prof. Andrea Bevilacqua - **Topic:** Design of high-performance RF circuits for frequency synthesis in CMOS and BiCMOS technologies (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI su fondi conto terzi, responsabile prof. Andrea Bevilacqua - **Topic:** Design of low-power RF circuits for Internet of Things wireless applications in CMOS and BiCMOS technologies (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI su fondi contratto conto terzi "Machine Learning Approaches for Smart Agriculture"; responsabile prof. Gian Antonio Susto - **Topic:** Machine Learning Approaches for Smart Agriculture (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI su fondi convenzione di collaborazione per attivita` di ricerca con il Centro di Riferimento Oncologico di Aviano, responsabile prof. Nicola Ferro - **Topic:** Big Data for Healthcare: Feasibility, Adoption, and Approaches for Data Anonymization in Oncological Research (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'informazione - DEI su fondi progetto GR-2021-12375397, Bando Ricerca Finalizzata Ex Artt. 12 e 12 bis D.Lgs. 502/92 Anno 2021 - **Topic:** An integrated Imaging platform based on 23Na-MRI for highly sensitive and non-invasive detection of hydrodynamic and inflammatory Edema: development of novel biomedical imaging quantification methods (**curriculum:** BIOENGINEERING); **1** scholarship funded by Dipartimento di Neuroscienze su fondi della Fondazione Cassa di Risparmio di Padova e Rovigo per il progetto dal titolo: "Nuovi modelli di integrazione tra trattamenti termali e terapia riabilitativa in soggetti con disabilità cronica nell'ambito del progetto di rilancio delle terme" - **Topic:** Development of algorithms for the analysis of physiological data for rehabilitation therapies (**curriculum:** BIOENGINEERING); **1** scholarship funded by Dipartimento di Psicologia dello Sviluppo e della Socializzazione - DPSS su fondi progetto "Preterm Brain-Oxygenation and

			Metabolic EU-Sensing: Feed the BrainPrometeus" EIC Pathfinder Grant Agreement number 101099093 – HORIZON-EIC-2022-PATHFINDEROPEN01 (CUP C93C22007430006) - **Topic:** Development of mathematical models of glucose, lactate and ketone production and utilization (**curriculum:** BIOENGINEERING); **1** scholarship funded by EniProgetti S.p.A. - **Topic:** Development of methodologies for the implementation on ASIC/FPGA of the control logic normally inserted in PLC and oriented to functional safety in plants (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by EniProgetti S.p.A. - **Topic:** Manipulator arm for high payload (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Inglesina Baby S.p.A. - **Topic:** Development of algorithms for the characterization of quantitative parameters related to the wellbeing of babies and infants in juvenile products (**curriculum:** BIOENGINEERING); **1** scholarship funded by Istituto di Scienza e Tecnologie dell'Informazione "A. Faedo" del Consiglio Nazionale delle Ricerche (CNR-ISTI) - **Topic:** Algorithms and evaluation methodologies for conversational search and recommendation (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Istituto di Scienza e Tecnologie dell'Informazione "A. Faedo" del Consiglio Nazionale delle Ricerche (CNR-ISTI) - **Topic:** Discoverability of Scientific Research Objects (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Istituto di Scienza e Tecnologie dell'Informazione "A. Faedo" del Consiglio Nazionale delle Ricerche (CNR-ISTI) - **Topic:** Research Assessment in the Open science Domain (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Smart PhD 2023 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART - **Topic:** Machine Learning Approaches for Optimizing User Experience, Sustainability and Service for Heating Element Systems (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY);
	Scholarships on PNRR funds	n. 15	**1** scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi PNRR - progetto CN1 NATIONAL CENTRE FOR HPC, BIG DATA AND QUANTUM COMPUTING - Affiliato Spoke 10 (POLIMI-UNIPD CO-LEADER)-QUANTUM COMPUTING CN_00000013-SP.10-CUP C93C22002800006 - **Topic:** Simulation, Control and Computation for Networked Quantum Dynamics (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria

			Industriale - progetto NEST - Network 4 Energy Sustainable Transition (codice identificativo MUR: PE00000021), Spoke 8 "Final use optimization, sustainability & resilience in energy Supply chain - CUP: C93C22005230007 **- Topic:** Data-driven control strategies for decentralized coordination of local energy systems (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR - progetto Centro Nazionale per la Mobilita` Sostenibile (MOST) - Spoke 13 - codice CN00000023 - CUP C93C22002750006 **- Topic:** Power electronic devices for Automotive (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR - progetto Centro Nazionale per la Mobilita` Sostenibile (MOST) - Spoke 8 - CUP C93C22002750006 - **Topic:** Machine Learning Approaches for Sustainable Mobility (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR - progetto National Centre for HPC, Big Data and Quantum Computing, codice identificativo MUR CN00000013, Spoke 1 Future HPC & Big Data - CUP C93C22002800006. **- Topic:** High Performance Computing (HPC) and Big Data (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR - progetto PE0000001 - RESTART: RESEARCH AND INNOVATION ON FUTURE TELECOMUNICATION SYSTEMS TO MAKE ITALY MORE SMART, PNRR MISSIONE 4 COMPONENTE 2 INT. 1.3 - PARTENARIATO ESTESO AREA TEMATICA 14 TELECOMUNICAZIONI DEL FUTURO, SPOKE 1: Pervasive and Photonic Network Technologies and Infrastructures - CUP C93C22005250001 - **Topic:** Data analytics and distributed optimization for resilience and energy efficiency in smart digital systems (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR - progetto PE0000001 - RESTART: RESEARCH AND INNOVATION ON FUTURE TELECOMUNICATION SYSTEMS TO MAKE ITALY MORE SMART, PNRR MISSIONE 4 COMPONENTE 2 INT. 1.3 - PARTENARIATO ESTESO AREA TEMATICA 14 TELECOMUNICAZIONI DEL FUTURO, SPOKE 1: Pervasive and Photonic Network Technologies and Infrastructures - CUP C93C22005250001 - **Topic:** Optical and photonic components realized by surface design and process for application in optical fiber and wireless communications (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY);

			1 scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR - progetto PE0000001 - RESTART: RESEARCH AND INNOVATION ON FUTURE TELECOMUNICATION SYSTEMS TO MAKE ITALY MORE SMART, PNRR MISSIONE 4 COMPONENTE 2 INT. 1.3 - PARTENARIATO ESTESO AREA TEMATICA 14 TELECOMUNICAZIONI DEL FUTURO, SPOKE 4: Programmable Networks for Future Services and Media - CUP C93C22005250001 - **Topic:** Multimedia streaming for immersive applications (**curriculum: INFORMATION SCIENCE AND TECHNOLOGY**);

1 scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR - progetto PE0000001 - RESTART: RESEARCH AND INNOVATION ON FUTURE TELECOMUNICATION SYSTEMS TO MAKE ITALY MORE SMART, PNRR MISSIONE 4 COMPONENTE 2 INT. 1.3 - PARTENARIATO ESTESO AREA TEMATICA 14 TELECOMUNICAZIONI DEL FUTURO, SPOKE 6: Innovative Architectures and Extreme Environments - CUP C93C22005250001 - **Topic:** Communication systems and networks in extreme environments: design and evaluation (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY);

1 scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR - progetto PE0000001 - RESTART: RESEARCH AND INNOVATION ON FUTURE TELECOMUNICATION SYSTEMS TO MAKE ITALY MORE SMART, PNRR MISSIONE 4 COMPONENTE 2 INT. 1.3 - PARTENARIATO ESTESO AREA TEMATICA 14 TELECOMUNICAZIONI DEL FUTURO, SPOKE 7: Green and Smart Environments - CUP C93C22005250001 - **Topic:** Smart Radio Environments for the next generation of wireless networks (**curriculum: INFORMATION SCIENCE AND TECHNOLOGY**);

1 scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR - progetto PE0000001 - RESTART: RESEARCH AND INNOVATION ON FUTURE TELECOMUNICATION SYSTEMS TO MAKE ITALY MORE SMART, PNRR MISSIONE 4 COMPONENTE 2 INT. 1.3 - PARTENARIATO ESTESO AREA TEMATICA 14 TELECOMUNICAZIONI DEL FUTURO, SPOKE 7: Green and Smart Environments - CUP C93C22005250001 - **Topic:** Study and design of integrated power converters for energy harvesting for radio communication applications (**curriculum: INFORMATION SCIENCE AND TECHNOLOGY**);

1 scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR - progetto PNC0000002_DARE - Digital Lifelong Prevention - Spoke n. 3 – "Digitally-enabled secondary and tertiary prevention" – CUP B53C22006440001 - **Topic:** Algorithms for mining significant patterns from tumor sequencing data (**curriculum: INFORMATION SCIENCE AND**

			TECHNOLOGY); **1** scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR - progetto PNC0000002_DARE - Digital Lifelong Prevention - Spoke n. 3 – "Digitally-enabled secondary and tertiary prevention" – CUP B53C22006440001 - **Topic:** Methods for neuroimaging data analysis to model ageing trajectories in healthy subjects and patients with neurodegenerative conditions (**curriculum:** BIOENGINEERING); **1** scholarship funded by Dipartimento di Medicina Molecolare su fondi PNRR - progetto National Center for Gene Therapy and Drugs based on RNA Technology, RNA DRUG DEVELOPMENT - CN00000041 - SP. 2 - CUP C93C22002780006 - **Topic:** Development of methods for the analysis of transcriptomics data (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship funded by Dipartimento di Tecnica e Gestione dei Sistemi Industriali - DTG su fondi PNRR - progetto PE2 NEST Spoke 5: Energy Conversion - CUP C93C22005230007 - **Topic:** Development of an integrated dc-dc converter for energy harvesting applications (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY);
	Scholarships Ministerial Decree 118/2023	n. 5	**1** scholarship Generico PNRR - **Topic:** Development of Organ-Level Diagnostic Tools from in vivo Metabolic Imaging Data (**curriculum:** BIOENGINEERING); **1** scholarship Patrimonio Culturale - **Topic:** COMODO CSC: COmputational MOdel for DOcumentation and preservation of Computer System for music Creativity (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship Pubblica Amministrazione - **Topic:** Algorithmic Fairness and eXplainable Artificial Intelligence (XAI) for socio-technical systems (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship Pubblica Amministrazione - **Topic:** Algorithms for optimal decision making under uncertainty in sustainable energy systems (**curriculum:** INFORMATION SCIENCE AND TECHNOLOGY); **1** scholarship Pubblica Amministrazione - **Topic:** Development of telemedicine systems for "person-centered" home-based rehabilitation for persons with Parkinson's disease (**curriculum:** BIOENGINEERING);
	Positions without scholarship	n. 5	
	Total number of positions	**n. 59**	
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 50 Oral examination: points max 50		
Documents to be submitted	Curriculum vitae:	Points: max 44	It is mandatory to use the CV template available at the following link: https://phd.dei.unipd.it/wp-content/uploads/2020/03/curriculum_template.docx
	Other documents:	Points: max 6	Research project to be prepared according to the template available at the following link: https://phd.dei.unipd.it/wp-content/uploads/2020/03/project_template.docx Up to two reference letters
Preselection: First meeting of the Evaluating Commission	**21 JUNE 2023 09:00**		
Publication of the results of the evaluation of the preselection	Within **30 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://phd.dei.unipd.it/call-for-admission/** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **30 JUNE 2023** the commission will publish on the course website https://phd.dei.unipd.it/call-for-admission/ the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	**03 JULY 2023** 09:00 - The exam may continue: in the following days - Dipartimento di Ingegneria dell'informazione, Università di Padova, via Gradenigo 6/B, 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: The admission examination does not include the assessment of English language proficiency. Nonetheless, in order to successfully carry on the learning and research activities of the PhD program, a B2-level (or higher) proficiency in English is strongly recommended. **Admission exam:** The admission exam will be taken in: either in Italian or English language, as preferred by the candidate		
Examination topics	The candidate shall prepare a 10 minute presentation to introduce him/herself, to explain the motivations to pursue a Ph.D. in Information Engineering, and to discuss the main features of a possible research project on one of the topics of the Ph.D. School (http://www.dei.unipd.it/en/research/research-areas). The Admission Committee will then discuss with the candidate the details of his/her academic titles, curriculum, and research project and will assess if the candidate masters the methodological tools needed to carry on the project.		
Didactic program	- Courses offered within the Ph.D. Program - Summer schools, short courses - Seminars - PhD Educational Week on Transferable Skills For additional information: https://phd.dei.unipd.it/courses/		

PhD Course Website:	https://phd.dei.unipd.it/
Further information	**Department:** INGEGNERIA DELL'INFORMAZIONE - DEI **Address:** Via Gradenigo - N. 6/B, 35131 Padova (PD) **Contact person:** Borgato Sara **telephone**: +390498277674 **e-mail:** corso.dottorato@dei.unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: INTERNATIONAL LAW AND PRIVATE AND LABOUR LAW			
Department	SCIENZE POLITICHE, GIURIDICHE E STUDI INTERNAZIONALI - SPGI		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 4	
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR **- Topic:** The transformation of public entities into third sector entities: the balance between public and private law between sector regulations and CTS; **1** scholarship Pubblica Amministrazione **- Topic:** An efficient system for business and public administration in the modern technological society: the protection of fundamental rights and the prohibition of discrimination to the test of artificial intelligence; **1** scholarship Pubblica Amministrazione **- Topic:** The implication of gender equality certification in corporate digital transition policies;
	Total number of positions	**n. 7**	
Selection criteria	EVALUATION OF QUALIFICATIONS, WRITTEN AND ORAL EXAMINATION		
Written examination	**05 JULY 2023** 14:00 - Dipartimento di Scienze Politiche, Giuridiche e Studi Internazionali - Aula B1 Palazzo Ca' Borin via del Santo 22 - Padova		
Evaluation of qualifications: First meeting of the Evaluating Commission	**05 JULY 2023 17:30**		
Publication of the evaluation of the qualifications	Within **06 JULY 2023** the evaluating Commission will publish the results of the evaluation of the qualifications on the following website: **https://www.spgi.unipd.it/ricerca/dottorati-di-ricerca**		
Remote oral examination	Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool		
Publication of the remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **06 JULY 2023** the commission will publish on the website **https://www.spgi.unipd.it/ricerca/dottorati-di-ricerca** the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form		
Oral examination	**07 JULY 2023** 09:00 - Dipartimento di Scienze Politiche, Giuridiche, Studi Internazionali, sala riunioni di Palazzo Bo, via VIII febbraio,2, primo piano - Padova		
Evaluation criteria	Qualifications: points max 10 Written examination: points max 50 Oral examination: points max 40		

Documents to be submitted	Curriculum vitae:	Points: max 7	The curriculum must indicate what the candidate is graduated in and the weighted average of the marks obtained during the academic career (arithmetic average for exams taken in the Laurea Vecchio Ordinamento). In addition, any periods of study carried out abroad (eg Erasmus), language diplomas obtained, as well as other qualifications that the candidate deems useful to present for the evaluation.
	Scientific publications:	Points: max 3	Publications will be considered only if dealing with the subjects of the PhD course
Language/s	**Foreign language/s assessment at the oral examination:** At the oral examination the commission will assess the knowledge of at least one of the following languages: English, French, Spanish, German. **Admission exam:** The admission exam will be taken in: Italian (but candidate can choice to take the admission exam in English)		
Examination topics	Admission tests may cover the following subjects, also corresponding to the candidate's areas of interest: International and European Union law, Private law, and Labor law. At the oral examination, the candidate may present a research project.		
Didactic program	PhD students will attend dedicated courses and workshops in Padova as well as meetings and conferences dealing withthe topic of their research in Italy andabroad. A thesis supervisor will be following their research. Academic English courses can be provided. More information at:http://www.spgi.unipd.it/ricerca/dottorati-di-ricerca		
PhD Course Website:	https://www.spgi.unipd.it/ricerca/dottorati-di-ricerca		
Further information	**Department:** SCIENZE POLITICHE, GIURIDICHE E STUDI INTERNAZIONALI - SPGI **Address:** Via Del Santo - N. 28, 35122 Padova (PD) **Contact person:** Sammartinaro Giovanna **telephone**: 0498274207 **e-mail:** giovanna.sammartinaro@unipd.it		
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**		

PhD Course: LAND, ENVIRONMENT, RESOURCES AND HEALTH			
Department	TERRITORIO E SISTEMI AGRO-FORESTALI (TESAF)		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 5	
	Scholarships funded by external public or private bodies/Departments	n. 2	**1** scholarship funded by Borsa di Ateneo cofinanziata con Dipartimento Territorio e Sistemi Agro-forestali su fondi progetto RockTheAlps - Interreg Alpine Space - **Topic:** Post-disturbance restoration: recovering forest cover and protective function; **1** scholarship funded by Dipartimento Territorio e Sistemi Agro-forestali su fondi: HORIZON-MISS-2022-CLIMA-01, Type of action: HORIZON-RIA; GA number: 101112738; Acronym: SpongeScapes "Evidence and Solutions for improving SPONGE Functioning at LandSCAPE Scale in European Catchments for increased Resilience of Communities against Hydrometeorological Extreme Events" - **Topic:** Natural Water Retention Measures: analysis of hydrological-hydraulic benefits, socio-economic assessment of co-benefits, valorization of land, environment and landscape;
	Scholarships Ministerial Decree 118/2023	n. 4	**1** scholarship Generico PNRR - **Topic:** Implementation of digital technologies to increase the performance in forest and agriculture mechanized operations; **1** scholarship Pubblica Amministrazione - **Topic:** Assessing old-growthness attributes in potential old-growth stands in Italy. Defining new approaches and common protocols; **1** scholarship Pubblica Amministrazione - **Topic:** Assessment of drought impact in agriculture: monitoring and mitigation strategies; **1** scholarship Pubblica Amministrazione - **Topic:** Strategies to reduce the impact of consumers' food choices on public health and the environment;
	Positions without scholarship	n. 1	
	Total number of positions	**n. 12**	
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 50 Oral examination: points max 50		
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 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor

	Curriculum vitae:	Points: max 10	For the CV please use the Europass format. Indicate the e-mail address. Clearly state: the duration of your studies and the date of achievement of the title(s) (including both the Bachelor and the Master degrees, or the five/six year's university course). Indicate: any visiting period spent abroad during your studies (with Erasmus, Time, Erasmus Placement and other programs); any scholarship grant or award; training, teaching and research experiences (research grants, scholarships, and internship periods). Clearly state any certification related to the knowledge of foreign languages. Specify all working experiences in your home country or abroad.
	Scientific publications:	Points: max 10	List the publications inclusive of authors, title, date and editorial information, making a distinction between: a. papers in peer review journals b. other publications
	Other documents:	Points: max 20	a. A research project proposal (in English) related to one of the topics presented in http://www.tesaf.unipd.it/en/research/phd-lerh-program/priority-research-topics, written following the template available in www.tesaf.unipd.it/en/sites/tesaf.unipd.it.en/files/ResearchSynopsisWriting_vers.0.pdf b. Motivation letter (in English); c. Two letters of reference by supervisors; d. Certificates of English language, e. Full text of published papers.
	Further documents that the candidates think relevant to their evaluation:	Points: max 5	

Preselection: First meeting of the Evaluating Commission	**26 JUNE 2023 09:00**
Publication of the results of the evaluation of the preselection	Within **29 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.tesaf.unipd.it/en/research/phd-lerh-program/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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **29 JUNE 2023** the commission will publish on the course website https://www.tesaf.unipd.it/en/research/phd-lerh-program/news the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**03 JULY 2023** 09:00 - The exam may continue: 04 JULY 2023 at 9:00 - Aula Consiliare (3° piano; la stecca); Viale dell'Università n. 16 - 35020 Legnaro (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: English **Admission exam:** The admission exam will be taken in: English

Examination topics	Methodology of scientific research. Forest ecology, forest management, biodiversity. Economics, politics and food marketing; economics and forest policy. Viticulture and enology. Hydrology and erosion, fluvial morphology and river restoration. Farm and forest mechanization; technology applied to the conservation agriculture. Pollution, nutrition, food quality and safety
Didactic program	Teaching is organized in 4 groups of courses: A. Training activity; B. Language and computer improvement activities; C. Enhancement of research and intellectual property; D. Other activities. More info available in: http://www.tesaf.unipd.it/en/research/doctoral-degrees-phd-lerh-program/teaching
PhD Course Website:	http://www.tesaf.unipd.it/en/lerh
Further information	**Department:** TERRITORIO E SISTEMI AGRO-FORESTALI (TESAF) **Address:** Viale dell'Università - N. 16, 35020 Legnaro (PD) (PD) **Contact person:** Tosatto Antonella **telephone**: (+39)0498272685 **e-mail:** antonella.tosatto@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: LAW			
Department	DIRITTO PRIVATO E CRITICA DEL DIRITTO (DPCD)		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 5	
	Scholarships funded by external public or private bodies/Departments	n. 1	**1** scholarship funded by Dipartimento di Diritto privato e critica del diritto - DPCD su fondi Bando FARE 2020 "FARE - Framework per l'Attrazione e il Rafforzamento delle Eccellenze per la ricerca in Italia (Resp. S. Gialdroni) COD. PROG. R20XAEXX5X - CUP: C93C22006950001 - **Topic:** IUSTITIA Mercatoria. Places, Spaces and Iconographies of Mercantile Justice in Europe (11th-17th Centuries);
	Scholarships Ministerial Decree 118/2023	n. 4	**1** scholarship Generico PNRR - **Topic:** Legal, social and economic aspects of the maritime villas of the upper Adriatic in Roman times; **1** scholarship Patrimonio Culturale - **Topic:** Traditional and innovative forms of fruition and enhancement of cultural heritage: the horizons of digitisation; **1** scholarship Pubblica Amministrazione - **Topic:** Digital rhetoric and legal, economic and social applications of the blockchain network on the web 3.0; **1** scholarship Pubblica Amministrazione - **Topic:** Trafficking of illicit influences and Lobbying;
	Positions without scholarship	n. 2	
	Total number of positions	**n. 12**	
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 15	Candidates who have already graduated will submit their master's / specialist thesis (or equivalent) in pdf format accompanied by a summary of up to 10,000 characters illustrating the topic, methodology and results. Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor

	Curriculum vitae:	Points: max 15	The curriculum must include: a) education and qualifications; b) certified research activities related to the disciplines of the PhD; c) publications relating to the disciplines of the PhD; d) awards and scholarships.
	Other documents:	Points: max 30	Research project, which must specifically highlight the systematic and methodological context that the candidate believes he must follow to achieve it, the scientific results to which it could lead and in particular the aspects of originality that should interest them (max 10.000 caracters)
Preselection: First meeting of the Evaluating Commission	**23 JUNE 2023 10:30**		
Publication of the results of the evaluation of the preselection	Within **29 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.dirpubblico.unipd.it/corsi/corso-di-dottorato-giurisprudenza** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **29 JUNE 2023** the commission will publish on the course website https://www.dirpubblico.unipd.it/corsi/corso-di-dottorato-giurisprudenza the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	**10 JULY 2023** 10:30 - Sala Baldo degli Ubaldi - Dipartimento di Diritto Pubblico, Internazionale e Comunitario- Palazzo Bo, Via 8 Febbraio, 2 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	ORAL EXAM: dissertation on the research project presented, which must be highlighted in a way specific the systematic and / or interdisciplinary context in which it is inserted, the methodological path that the candidate believes he must follow to achieve it, the scientific results to which his could lead realization and in particular the aspects of originality that should interest him (the research project goes attached to the application). Discussion on the curriculum of the studies carried out so far, on any publications scientific studies presented and on the subjects on which the PhD course is based. https://www.dirpubblico.unipd.it/corsi/corso-di-dottorato-giurisprudenza		
Didactic program	Doctoral students will attend doctoral-level teaching activities complementary to research, which also include training activities aimed at supporting the research activity and providing tools for shaping the professional identity of future PhDs. research doctors. https://www.unipd.it/en/phd/law		
PhD Course Website:	https://www.dirpubblico.unipd.it/corsi/corso-di-dottorato-giurisprudenza		

Further information	**Department:** DIRITTO PRIVATO E CRITICA DEL DIRITTO (DPCD) **Address:** Via 8 FEBBRAIO 1848 - N. 2, 35122 PADOVA (PD) **Contact person:** SINIGAGLIA CARLOTTA **telephone**: 0498273359 **e-mail:** carlotta.sinigaglia@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: LINGUISTIC, PHILOLOGICAL AND LITERARY SCIENCES			
Department	STUDI LINGUISTICI E LETTERARI (DISLL)		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 6	
	University Scholarships co-funded by the Department	n. 1	Co-funding Department: STUDI LINGUISTICI E LETTERARI (DISLL)
	Scholarships funded by the University reserved to applicants with foreign qualification	n. 1	**WARNING**: 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. 2	**1** scholarship funded by Dipartimento di Studi Linguistici e Letterari – DISLL su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "Digital and cross-cultural TRANSmission of TEXTs" (TRANSTEXT) - **Topic**: Digital philology - Edition and commentary of literary texts in digital format by means of IT solutions in the text coding and representation process; **1** scholarship funded by Dipartimento di Studi Linguistici e Letterari – DISLL su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "Digital and cross-cultural TRANSmission of TEXTs" (TRANSTEXT) - **Topic**: Transculture - Research on the transcultural dynamics of the contemporary related to the processes of hybridization, mixing, alteration and translation of different contemporary literary traditions, with particular reference to postcolonial literatures;
	Scholarships Ministerial Decree 118/2023	n. 4	**1** scholarship Generico PNRR - **Topic:** Innovation and specialisation in research on literary and cultural intertextuality and interdiscursivity; **1** scholarship Generico PNRR - **Topic:** Morphosyntax between diachrony and synchrony: an empirical analysis; **1** scholarship Pubblica Amministrazione - **Topic:** Best communication practices of the Public Administration and restitution to the public: how to communicate the resource of author archives; **1** scholarship Transizioni Digitali e Ambientali - **Topic:** Automatic annotation of medieval texts with linguistically hybrid features. Theoretical models and best practices;
	Positions without scholarship	n. 1	
	Total number of positions	**n. 15**	
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 70 Oral examination: points max 30		
Documents to be submitted	Thesis:	Points: max 15	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor) Applicants are expected to submit their MA dissertation in pdf format, with relative abstract (max. 4 pages, including bibliography), reporting its contents, methods and results. If the thesis has not had a viva yet, applicants will also send the text in its current state of advancement, together with the abstract. It is MANDATORY to save this file as: FAMILY NAME_FIRST NAME_SHORT TITLE OF THESIS_
	Curriculum vitae:	Points: max 10	Applicants are expected to submit their CV, following the Europass template (https://europass.cedefop.europa.eu/en/documents/curriculum-vitae) and their Cursus Studiorum. The board of examiners will pay special attention to the congruence between the candidate's previous studies and the proposed research topic. Candidates are requested to include ONLY study, research, and education activities and to omit nonscientific experiences. It is MANDATORY to save this file as: FAMILY NAME_FIRST NAME_CV
	Scientific publications:	Points: max 5	Please send copy of relevant publications in digital format (.pdf), including all editorial data. ONLY scientific publications that have (or will have) an ISSN/IBBN code will be evaluated. Forthcoming publications will be evaluated if the applicant sends their text (or drafts if available) together with a LETTER signed by the journal scientific committee or the editor/publisher that CONFIRMS its upcoming publication, with a clear indication of all bibliographic data and of the revision process the work underwent (anonymous reviewers, scientific panel, etc.)
	Other documents:	Points: max 40	§ RESEARCH PROJECT (max. 12,000 characters, including abstract and bibliography). The evaluation criteria for the project will be: - congruity with previous curricular formation; - knowledge of the state-of-the-art; - innovation and originality; - feasibility; - completeness and consistency of method; - congruence with the PhD research lines. § At least ONE LETTER OF REFERENCE (and no more than two). The letter(s) must be uploaded directly to PICA by referees and NOT by applicants. All letters of reference sent by applicants will NOT be considered. § A MOTIVATION LETTER (max. 3 pages) in which the applicant offers detailed reasons for applying. § MASTER'S DEGREE FINAL MARK. If the title has not been awarded yet, applicants will include a list of exams and relative marks. It is compulsory to save the respective files (except the reference of letters, which will directly uploaded to Pica by referees) as: FAMILY NAME_FIRST NAME_PROJECT/REFERENCE/MOTIVATIONAL/MARK § WARNING Only candidates are responsible for checking they have uploaded all the required files to PICA. Before

				closing their applications candidates must double check they have submitted especially these files: 1. CV 2. MA Thesis + abstract 3. Research Project 4. Motivation Letter

Preselection: First meeting of the Evaluating Commission	**22 JUNE 2023 09:00**
Publication of the results of the evaluation of the preselection	Within **27 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **http://www.maldura.unipd.it/disll-corso-di-dottorato/it.html** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **27 JUNE 2023** the commission will publish on the course website http://www.maldura.unipd.it/disll-corso-di-dottorato/it. the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**04 JULY 2023** 09:00 - The exam may continue: 05 JULY 2023 - Dipartimento di Studi Linguistici e Letterari (DISLL) - VIA VENDRAMINI 13 - 35137 PADOVA
Language/s	**Foreign language/s assessment at the oral examination:** At the oral examination the commission will assess the knowledge of TWO LANGUAGES among the following ones: ENGLISH, FRENCH, GERMAN, SPANISH, RUSSIAN **Admission exam:** The admission exam will be taken in ITALIAN or ENGLISH
Examination topics	1. Classical Philology 2. Italian Studies 3. Linguistics 4. English and German Languages and Literatures 5. Romance Philologies, Languages and Literatures 6. Slavic Languages and Literatures. For detailed information on each disciplinary area, topics and research interests: http://www.maldura.unipd.it/disll-corso-di-dottorato/en/content/linee-di-ricerca.html
Didactic program	FIRST YEAR: +90 hours of lectures and seminars common to all disciplinary areas (at least 60 hours) + 60 hours of seminars and tutorials devoted to each research area SECOND AND THIRD YEAR: 60 hours each of specific disciplinary training INFO: http://www.maldura.unipd.it/disll-corso-di-dottorato/en/content/didattica.html
PhD Course Website:	http://www.maldura.unipd.it/disll-corso-di-dottorato/it.html
Further information	**Department:** STUDI LINGUISTICI E LETTERARI (DISLL) **Address:** Via Vendramini - N. 13, 35137 PADOVA (PD) **Contact person:** ZILIO ZEUDI **telephone**: 0498279626 **e-mail:** zeudi.zilio@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: MANAGEMENT ENGINEERING AND REAL ESTATE ECONOMICS			
Department	TECNICA E GESTIONE DEI SISTEMI INDUSTRIALI - DTG		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 2	
	University Scholarships co-funded by the Department	n. 1	Co-funding Department: TECNICA E GESTIONE DEI SISTEMI INDUSTRIALI - DTG
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR - **Topic:** The impact of Artificial Intelligence on marketing strategies in traditional sectors; **1** scholarship Pubblica Amministrazione - **Topic:** Smart cities in the digital age; **1** scholarship Transizioni Digitali e Ambientali - **Topic:** Artificial intelligence for managing process performance;
	Total number of positions	**n. 6**	
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 70 Oral examination: points max 30		
Documents to be submitted	Curriculum vitae:	Points: max 25	- High school diploma, undergraduate degree(s) and in case, Master degree(s), specifying for each of them: (a) name of the school/university and country where the qualification was awarded, (b) year of the qualification, (c) length of the education program, (d) final grade; - List of the exams (with mark) taken during undergraduate degree(s) and master degree(s);- Knowledge of languages, in case indicating the certificate(s) awarded; - Work experiences; -Teaching experiences; - Research experiences; - Periods abroad and related purposes; - Awards or scholarships given on the basis of academic or other achievements
	Scientific publications:	Points: max 5	- List of publications (included the Master thesis), with a brief description for each of them.
	Other documents:	Points: max 40	RESEARCH PROJECT. The project proposal should include: - List of the main research topics (maximum3) that the applicant is interested in;- Description of the specific topic that the applicant would like to investigate in his/her PhD project; - Scientific, managerial and personal motivations for the specific topic that the applicant would like to investigate in his/her PhD project; - Method(s) that the applicant considers applying to research the specific topic that

				he/she would like to investigate in his/her PhD project; - possible interactions with other projects and/or universities/centers/institutions/firms. REFERENCE LETTER(S): maximum 2 letters.

Preselection: First meeting of the Evaluating Commission	**27 JUNE 2023 09:00**
Publication of the results of the evaluation of the preselection	Within **28 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **Sito WEB del Corso: http://www.gest.unipd.it/en/research/phd-programmes/management-engineering-and-real-estate-economics/applications-requirements-proposal-curriculum-letters** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **28 JUNE 2023** the commission will publish on the course website Sito WEB del Corso: http://www.gest.unipd.it/en/research/phd-programmes/management-engineering-and-real-estate-economics/applications-requirements-proposal-curriculum-letters the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**06 JULY 2023** 09:00 - Dipartimento di Tecnica e gestione dei sistemi industriali, Polo di Viale Margherita, 87 Vicenza
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: English
Examination topics	The exam focuses on the following themes, depending on the candidate's research interests: Innovation and entrepreneurship, Operations and supply chain management, Strategy, Big data analytics, Valuation theories and methodologies, Land economics, Valuation and valorization of urban and real estate and environmental goods. Moreover, the Commission reserves the right to examine more in depth some aspects of the titles that could be useful for the selection process.
Didactic program	The educational programme of the Program in Management Engineering and Real Estate Economics covers 3 years. The first year is mostly devoted to taking courses, whilst the second and the third are focused on research activities and spending a period abroad. http://www.gest.unipd.it/en/research/phd-programmes/management-engineering-and-real-estate-economics/educational-programme
PhD Course Website:	http://www.gest.unipd.it/en/research/phd-programmes/management-engineering-and-real-estate-economics
Further information	**Department:** TECNICA E GESTIONE DEI SISTEMI INDUSTRIALI - DTG **Address:** Stradella San Nicola - N. 3, 36100 Vicenza (VI) **Contact person:** Esposito Gaetana **telephone**: 0444998715 **e-mail:** dottorato.dtg@unipd.it

How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: MATERIALS SCIENCE AND TECHNOLOGY			
Department	SCIENZE CHIMICHE - DiSC		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 5	
	Scholarships funded by external public or private bodies/Departments	n. 5	**1** scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "Frontiere Quantistiche" (FQ) **- Topic:** New materials for quantum technologies; **1** scholarship funded by Dipartimento di Ingegneria industriale - DII su fondi "Materiali e componenti avanzati per celle a combustibile PEM con innovativa strutturazione multi-scala per il miglioramento di durabilità e stabilità", acronimo "PERMANENT", CUP: F476G22000290006 **- Topic:** Development of new electrocatalysts based on Platinum group metals and Platinum free for applications in membrane fuel cells and electrolyzers; **1** scholarship funded by Dipartimento di Scienze Chimiche su fondi Grant numero 101077698_PhotoDark_ERC-2022-STG – R.S. Dott. Luka Dordevic **- Topic:** Tailored organic molecules and materials for conversion, storage, and use of solar light; **1** scholarship funded by Dipartimento di Scienze chimiche - DISC su fondi HE HORIZON CL4-2022-RESILIENCE-01-19 101091534 Knowskite-X della Prof.ssa Antonella Glisenti **- Topic:** Knowledge-driven fine-tuning of perovskite-based electrode materials for reversible Chemical-to-Power devices; **1** scholarship funded by Green Energy Storage S.r.l. **- Topic:** Modelling, simulation, and experimental benchmarking for the ultimate GES redox flow battery cell design;
	Scholarships on PNRR funds	n. 2	**1** scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi PNRR - progetto ETIC – Einstein Telescope IR_ETIC-WP7 – CUP I53C21000420006 e su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "Frontiere Quantistiche" (FQ) **- Topic:** Optical Coatings for Gravitational Wave Interferometers; **1** scholarship funded by Dipartimento di Psicologia Generale - DPG su fondi PNRR – progetto EI Ecosistema Innovazione "iNEST – Interconnected Nord-Est Innovation Ecosystem", Spoke 5 - SMART AND SUSTAINABLE ENVIRONMENTS (MANUFACTURING, WORKING, LIVING), CUP: C43C22000340006 **- Topic:** Control of the kinetics of self-assembling nanostructures by atmospheric pressure plasma;

	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR **- Topic:** Super-reductants for the photo/electrochemical fixation of carbon dioxide; **1** scholarship Transizioni Digitali e Ambientali **- Topic:** Discovery of laser-generated nanocatalysts for Hydrogen evolution guided by machine-learning and automatic data analysis; **1** scholarship Transizioni Digitali e Ambientali **- Topic:** Two-dimensional materials: new building blocks for the next generation of optical coatings;
	Total number of positions	**n. 15**	
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 40 Oral examination: points max 60		
Documents to be submitted	Thesis:	Points: max 10	Applicants who already obtained the MSc degree (or equivalent) are required to submit a summary of the master thesis project of max. 2 pages (signed by the applicant) along with a copy of the thesis. Applicants waiting to be awarded the MSc (or equivalent) qualification by September 30th, 2023 are required to submit a summary of the master thesis project (max. 2 pages) signed by both the applicant and the supervisor. The congruence of the thesis topic with respect to the Research Areas of the PhD Course (https://phd.chimica.unipd.it/mst/research/research-areas) will be evaluated.
	Curriculum vitae:	Points: max 25	Applicants must submit their CV prepared mandatorily following the template that can be downloaded at the PhD Course webpage: https://phd.chimica.unipd.it/mst/admission The CV must contain in particular: 1) for both the Bachelor (BSc) and Master (MSc) degrees, the transcript of records (ToR), which should report the grades for each exam, their average grade, the final grade, the duration of the degree and the enrollment date; 2) other qualifications that the Applicant considers relevant to the evaluation (publications, oral presentations at conferences, periods spent in Italian or foreign Universities or Research Laboratories, etc.)
	Other documents:	Points: max 5	Motivation Letter describing the Applicant's research interests, motivating in particular how these can be achieved within the MST PhD Course
Preselection: First meeting of the Evaluating Commission	**21 JUNE 2023 11:00**		

Publication of the results of the evaluation of the preselection	Within **23 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://phd.chimica.unipd.it/mst/results** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **23 JUNE 2023** the commission will publish on the course website https://phd.chimica.unipd.it/mst/results the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**26 JUNE 2023** 09:00 - The exam may continue: 27, 28 JUNE 2023 - Dip. di Scienze Chimiche (AULA M) Via F. Marzolo 1 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 interview will assess the competences of the candidate about the basic theories and the techniques for the experimental/numerical study of microscopic and macroscopic properties of materials and of their synthesis, in particular through: (i) the discussion on his/her master thesis work and (ii) the proposal of a research project for the PhD that should be coherent with the topics of the MST Course (https://phd.chimica.unipd.it/mst/research/research-areas) and that should be performed under the supervision of a Member of the Academic Board of the MST Course (https://phd.chimica.unipd.it/mst/academic-board
Didactic program	- attendance and successful exam passing of advanced courses for at least 96 hours; - attendance of Soft-Skills courses, e.g., the "PhD Educational Week on Transferable Skills" organized by the University; - participation in National/International Schools; - attendance of at least 10 hours of advanced seminars. https://phd.chimica.unipd.it/mst/events-and-seminars/courses
PhD Course Website:	https://phd.chimica.unipd.it/mst/
Further information	**Department:** SCIENZE CHIMICHE - DiSC **Address:** Via Francesco Marzolo - N. 1, 35131 Padova (PD) **Contact person:** Menna Anna **telephone**: 0498275657 **e-mail:** dottorati.chimica@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: MATHEMATICAL SCIENCES		
Curricula	☐ MATHEMATICS ☐ COMPUTATIONAL MATHEMATICS	
Department	MATEMATICA "TULLIO LEVI-CIVITA" - DM	
Duration	3 years	
Number of positions	Scholarships funded by the University	n. 8	
	University Scholarships co-funded by the Department	n. 1	Co-funding Department: MATEMATICA "TULLIO LEVI-CIVITA" - DM
	Scholarships Ministerial Decree 118/2023	n. 5	**1** scholarship Generico PNRR - **Topic:** Algebra, Analysis and PDE, Geometry and Number theory, Mathematical Physics and Dynamical Systems, Didactics of Mathematics, and Mathematical Logic (**curriculum:** MATHEMATICS); **1** scholarship Generico PNRR - **Topic:** Algebra, Analysis and PDE, Geometry and Number theory, Mathematical Physics and Dynamical Systems, Didactics of Mathematics, and Mathematical Logic (**curriculum:** MATHEMATICS); **1** scholarship Generico PNRR - **Topic:** Mathematics for Economics and Finance, Numerical Analysis, Operations Research, and Probability (**curriculum:** COMPUTATIONAL MATHEMATICS); **1** scholarship Pubblica Amministrazione - **Topic:** Data-driven approaches for assessing the financial criticalities of local governments and municipalities. (**curriculum:** COMPUTATIONAL MATHEMATICS); **1** scholarship Pubblica Amministrazione - **Topic:** Mathematical market models for renewable energy, also in collaboration with ARERA, the National Authority for Energy. (**curriculum:** COMPUTATIONAL MATHEMATICS);
	Total number of positions	**n. 14**	
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 16	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)

	Curriculum vitae:	Points: max 20	The curriculum must contain all the exams with grades 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 name of the school.
	Scientific publications:	Points: max 3	
	Other documents:	Points: max 18	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). Candidates who apply also for the grants with specific topic should provide evidence on their expertise in such topic.
	Further documents that the candidates think relevant to their evaluation:	Points: max 3	

Preselection: First meeting of the Evaluating Commission	**26 JUNE 2023 09:00**
Publication of the results of the evaluation of the preselection	Within **27 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://dottorato.math.unipd.it/** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **27 JUNE 2023** the commission will publish on the course website https://dottorato.math.unipd.it/ the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**06 JULY 2023** 09:00 - The exam may continue: 7, 10, 11 JULY 2023 - Meeting Room 7B1 - Dipartimento di Matematica "Tullio Levi-Civita", Via Trieste 63, 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: English or Italian
Examination topics	A discussion on the Master thesis as well as on the applicant's interests
Didactic program	The Ph.D. Program offers a common group of courses of general interest for both curricula and specific courses for each curriculum on advanced topics of current research. In the first 2 years PhD students are required to pass the exam of at least four courses from the Catalogue and other free activities. For more information see: http://dottorato.math.unipd.it

PhD Course Website:	https://dottorato.math.unipd.it/
Further information	**Department:** MATEMATICA "TULLIO LEVI-CIVITA" - DM **Address:** Via Trieste - N. 63, 35131 Padova (PD) **Contact person:** Dalla Costa Loretta **telephone**: 0498271300 **e-mail:** loretta.dallacosta@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: MECHATRONICS AND PRODUCT INNOVATION ENGINEERING			
Department	TECNICA E GESTIONE DEI SISTEMI INDUSTRIALI - DTG		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 4	
	Scholarships funded by external public or private bodies/Departments	n. 2	**1** scholarship funded by E2C Energy to Come S.r.l. **- Topic:** Modeling for electric powertrains with high modularity for applications to predictive maintenance; **1** scholarship funded by Smart PhD 2023 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART **- Topic:** Development and optimization of efficient modular latent thermal energy storage using phase change materials (PCMs) for the decarbonization of the cold chain;
	Scholarships on PNRR funds	n. 2	**1** scholarship funded by Dipartimento di Tecnica e gestione dei sistemi industriali - DTG Borsa da Dipartimento di Tecnica e Gestione dei Sistemi Industriali (DTG) su fondi PNRR - progetto CN4 CNMS SPOKE 11: - "Innovative Materials & Lightweighting" - CUP C93C22002750006 **- Topic:** Damage analysis, models and methods for the lightweight design of advanced composite parts under in-service loadings; **1** scholarship funded by Dipartimento di Tecnica e gestione dei sistemi industriali - DTG su fondi PNRR - progetto PE2 NEST SPOKE 5: "Energy Conversion" - CUP C93C22005230007 **- Topic:** Development of high-efficient power converters using SiC/GaN using multilevel/multiport approach;
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR **- Topic:** Intelligent robotics for advanced and intuitive human-robot collaboration; **1** scholarship Generico PNRR **- Topic:** Structural and multifunctional optimization of components made of advanced composites; **1** scholarship Pubblica Amministrazione **- Topic:** Autonomous mobile robotics solutions for a sustainable material transportation;
	Total number of positions	**n. 11**	
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 85 Oral examination: points max 15		

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 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 35	The curriculum must contain all detailed information regarding all the qualifications received with the date, name of the school, name of the qualification and evaluation in numbers respect to the maximum, eventual research grants and/or scholarships, awards and recognition.
	Scientific publications:	Points: max 5	Pubblications must be already pubblished or in press (that means already accepted). Please specify the editorial collocation (journal, proceeding or others and the journal indexing agencies: Scopus/ISI)
	Other documents:	Points: max 40	1) Two support letters signed by two relevant experts from academy 2) Preparation of a proposal for a research project for the three years of the PhD, clearly explaining the scientific and personal reasons for undertaking the specific research proposed and for choosing this specific PhD course. If you are applying for a specific research topic ("Tema Vincolato"), the proposed project must be related to that topic.
Preselection: First meeting of the Evaluating Commission	**22 JUNE 2023 09:30**		
Publication of the results of the evaluation of the preselection	Within **23 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **http://www.gest.unipd.it/it/ricerca/corsi-di-dottorato/ingegneria-meccatronica-e-dellinnovazione-meccanica-del-prodotto** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **23 JUNE 2023** the commission will publish on the course website http://www.gest.unipd.it/it/ricerca/corsi-di-dottorato/ingegneria-meccatronica-e-dellinnovazione-meccanica-del-prodotto the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	**10 JULY 2023** 10:00 - Dipartimento di Tecnica e Gestione dei Sistemi Industriali, Sala Riunioni, Stradella San Nicola 3 - Vicenza		
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: English		
Examination topics	10 minutes presentation of the candidate research project proposal. Following, a general discussion about the scientific topics proposed by the candidate. Finally a motivational interview.		

Didactic program	The formative program consists in seminars (in English) to improve personal soft skills and scientific skills in the three reasearch areas of the doctoral course. Link 1:http://www.gest.unipd.it/it/ricerca/corsi-di-dottorato/ingegneria-meccatronica-e-dellinnovazione-meccanica-del-prodotto/invidual-training-plan Link2:https://elearning.unipd.it/dtg/enrol/index.php?id=1797
PhD Course Website:	http://www.gest.unipd.it/it/ricerca/corsi-di-dottorato/ingegneria-meccatronica-e-dellinnovazione-meccanica-del-prodotto
Further information	**Department:** TECNICA E GESTIONE DEI SISTEMI INDUSTRIALI - DTG **Address:** Stradella San Nicola - N. 3, 36100 Vicenza (VI) **Contact person:** Esposito Gaetana **telephone**: 0444998715 **e-mail:** dottorato.dtg@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

	PhD Course: MOLECULAR MEDICINE		
Curricula	☐ BIOMEDICINE ☐ REGENERATIVE MEDICINE		
Department	MEDICINA MOLECOLARE - DMM		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 4	
	Scholarships funded by external public or private bodies/Departments	n. 4	**1** scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi del Progetto AIRC Investigator Grant 2022; responsabile scientifico prof. Fabio Mammano - **Topic:** Development and validation in appropriate in vitro and in vivo models of oncolytic viruses expressing photosensitizers for the glioblastoma treatment (**curriculum:** BIOMEDICINE); **1** scholarship funded by Dipartimento di Medicina Molecolare - DMM su fondi del progetto MFAG-AIRC; responsabile scientifico prof. Marco Montagner - **Topic:** Identification of determinants of breast cancer metastatic dormancy (**curriculum:** BIOMEDICINE); **1** scholarship funded by Dipartimento di Medicina Molecolare - DMM su fondi del progetto di ricerca EU Grant Agreement nr. 101102733 — DURABLE — EU4H-2021-PJ4; responsabile scientifico prof.ssa Luisa Barzon - **Topic:** Genotypic and phenotypic characterization of emerging pathogens (**curriculum:** BIOMEDICINE); **1** scholarship funded by Smart PhD 2023 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART - **Topic:** B-Seq- molecular diagnosis of bacterial infections and antibiotic resistances in case of suspected or diagnosed sepsis with advanced sequencing methodsdiagnosed sepsis with advanced sequencing methods (**curriculum:** BIOMEDICINE);
	Scholarships on PNRR funds	n. 1	**1** scholarship funded by Dipartimento di Medicina Molecolare - DMM, su fondi PNRR - progetto INF-ACT One Health Basic and translational Research Actions addressing Unmet Needs on Emerging Infectious Diseases, MUR PE_00000007 - CUP C93C22005170007, responsabile scientifico Prof. Cristiano Salata - **Topic:** Crimean-Congo hemorrhagic fever virus: characterization of host-virus interactions (**curriculum:** BIOMEDICINE);
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR - **Topic:** New technologies, targets and therapies in Biomedicine (**curriculum:** BIOMEDICINE); **1** scholarship Generico PNRR - **Topic:** Tissue growth and regeneration in homeostasis and disease (**curriculum:** REGENERATIVE MEDICINE); **1** scholarship Pubblica Amministrazione - **Topic:** Infections in the transplant setting. Role of

			the host and immunosuppressive therapy: taking charge and management in the long term (**curriculum:** BIOMEDICINE);
	Total number of positions	**n. 12**	
Selection criteria	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 of qualifications: First meeting of the Evaluating Commission	**22 JUNE 2023 09:30**		
Publication of the evaluation of the qualifications	Within **26 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.medicinamolecolare.unipd.it/ricerca/dottorati-di-ricerca/dottorato-medicina-molecolare/ammissioni-e-bandi**		
Publication of the remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **26 JUNE 2023** the commission will publish on the course website https://www.medicinamolecolare.unipd.it/ricerca/dottorati-di-ricerca/dottorato-medicina-molecolare/ammissioni-e-bandi the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form.		
Oral examination	**29 JUNE 2023** at 09:30 - The exam may continue: 30 JUNE 2023 - Aula di Microbiologia presso Edificio di Microbiologia, Via A. Gabelli n. 63, 35121 Padova		
Evaluation criteria	Qualifications: points max 15 Oral examination: points max 85		
Documents to be submitted	Thesis:	Points: max 7	To be submitted in PDF format. (Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 5	To be submitted in PDF format.
	Scientific publications:	Points: max 3	Each publication must be submitted in PDF format.
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 in English.		

Examination topics	Discussion about previous scientific experiences and the research project proposed by the candidate. General knowledge of Biomedicine and Basic Sciences: Microbiology and Virology, Molecular Biology, Biological Chemistry, Anatomy, Histology and Embryology, Evolutional Biology, Biophysics, Physiology, Biotechnologies applied to Biomedicine. Cell biology, histology, human anatomy, mechanisms of hormonal signal trasduction, physiology of liver and gut, mechanisms of liver and gut cell damage and repair. NOTE: ADMISSION TO THE INTERVIEW (ORAL EXAM) IS OPENED TO ALL APPLICANTS REGARDLESS OF THE SCORE OBTAINED IN THE QUALIFICATIONS ASSESSMENT
Didactic program	The didactic program includes practical laboratory and internal seminar activities, seminaries by external invited speakers, Winter School. Every 6 months PhD students will expose the advancement of his/her data to the PhD Committee. https://www.medicinamolecolare.unipd.it/ricerca/dottorati-di-ricerca/dottorato-medicina-molecolare/educational-offer
PhD Course Website:	https://www.medicinamolecolare.unipd.it/ricerca/dottorati-di-ricerca/phd-molecular-medicine
Further information	**Department:** MEDICINA MOLECOLARE - DMM **Address:** Via A. Gabelli - N. 63, 35121 Padova (PD) **Contact person:** Turrini Eleonora **telephone**: 0498218883 **e-mail:** phd.molecularmedicine@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: MOLECULAR SCIENCES – curriculum CHEMICAL SCIENCES **in agreement with CONSIGLIO NAZIONALE DELLE RICERCHE (CNR)**			
Department	SCIENZE CHIMICHE - DiSC		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 6	
	University Scholarships co-funded by the Department	n. 1	Co-funding Department: SCIENZE CHIMICHE - DiSC
	Scholarship funded by the University reserved to applicants with foreign qualification	n. 1	Selection criteria: Pre-evaluation of qualifications and oral exam. The assignment of this scholarship will take place with a specific ranking. Candidates who compete for this scholarship cannot compete for the other positions offered by the PhD course in Molecular Sciences
	Scholarship funded by the Body in agreement	n. 3	**1** scholarship funded by Consiglio Nazionale delle Ricerche (CNR) - Dipartimento di Scienze chimiche e tecnologie dei materiali (DSCTM) - Istituto per la Tecnologia delle Membrane (ITM); Referente: Dr. Gianluca Di Profio; Sede: Rende (CS) - **Topic:** Development of the next-generation self-heating membranes for membrane distillation and crystallization applications (**curriculum:** CHEMICAL SCIENCES); **1** scholarship funded by Consiglio Nazionale delle Ricerche (CNR) - Dipartimento di Scienze chimiche e tecnologie dei materiali (DSCTM) - Istituto di Scienze e Tecnologie Chimiche (SCITEC); Referente: Dr. Marcella Chiari; Sede: Milano - **Topic:** Synthesis of materials and development of methods for the analysis of extracellular vesicles (**curriculum:** CHEMICAL SCIENCES); **1** scholarship funded by Consiglio Nazionale delle Ricerche (CNR) - Dipartimento di Scienze chimiche e tecnologie dei materiali (DSCTM) -Istituto di Chimica della Materia Condensata e di Tecnologie per l'Energia (ICMATE); Referente: Dr. Gregorio Bottaro; Sede: Padova - **Topic:** Functional molecular systems and materials for energy applications (**curriculum:** CHEMICAL SCIENCES);
	Scholarships funded by external public or private bodies/Departments	n. 2	**1** scholarship funded by Dipartimento di Scienze Chimiche - DiSC su fondi "Progetto FARE 2020 AlPhotoCat" - CUP C93C21000560001; Responsabile: Prof. Alessandro Aliprandi - **Topic:** Aggregation induced emitters for electrochemiluminescence and photocatalysis (**curriculum:** CHEMICAL SCIENCES); **1** scholarship funded by Consorzio Interuniversitario Nazionale per la Scienza e Tecnologia dei Materiali (INSTM) Progetto HE "Plankton-like Protocells for Artificial Photosynthesis Targeting Carbon-neutral Energy Vectors" – PLANKT-ON. G.A. n° 101099192 finanziato dalla Commissione Europea;

			Responsabile: Prof. Marcella Bonchio - **Topic:** Design and synthesis of bioinspired supramolecular systems for artificial photosynthesis (**curriculum:** CHEMICAL SCIENCES);
	Scholarships on PNRR funds	n. 3	**1** scholarship funded by Dipartimento di Scienze del Farmaco – DSF su fondi PNRR - progetto D10_PNRR_CN3_S8_2 "National Center for Gene Therapy and Drugs based on RNA Technology" Spoke 8 - (PLATFORMS FOR RNA/DNA DELIVERY) - CN00000041 – CUP C93C22002780006 - **Topic:** Platforms for therapeutic RNA/DNA delivery (**curriculum:** CHEMICAL SCIENCES); **1** scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi PNRR - progetto CN1 NATIONAL CENTRE FOR HPG, BIG DATA AND QUANTUM COMPUTING - Affiliato Spoke 10 (POLIMI - UNIPD CO-LEADER) - QUANTUM COMPUTING CN_00000013 - SP. 10 - CUP C93C22002800006 - **Topic:** Quantum computing for Chemistry (**curriculum:** CHEMICAL SCIENCES); **1** scholarship funded by Dipartimento di Scienze Economiche e Aziendali "Marco Fanno" - DSEA su fondi PNRR - progetto "GRINS – Growing Resilient, INclusive and Sustainable", codice identificativo MUR PE00000018 - Spoke 6 - CUP C93C22005270001 - **Topic:** Assess and reduce the carbon footprint of processing of plastics: an underestimated part of the plastics supply chain (**curriculum:** CHEMICAL SCIENCES);
	Scholarships Ministerial Decree 118/2023	n. 4	**1** scholarship Generico PNRR - **Topic:** Development and application of approaches based on chemical sciences to the goals of PNRR (**curriculum:** CHEMICAL SCIENCES); **1** scholarship Generico PNRR - **Topic:** Development and application of approaches based on chemical sciences to the goals of PNRR (**curriculum:** CHEMICAL SCIENCES); **1** scholarship Patrimonio Culturale - **Topic:** Development and application of approaches based on chemical sciences for the for the recovery, conservation and enhancement of the cultural heritage (**curriculum:** CHEMICAL SCIENCES); **1** scholarship Pubblica Amministrazione - **Topic:** Chemical Sciences to support technical legislation and ecological transition in the public administration (**curriculum:** CHEMICAL SCIENCES);
	Total number of positions	**n. 20**	
Selection criteria	EVALUATION OF QUALIFICATIONS, COMPUTER-BASED WRITTEN EXAMINATION AND ORAL EXAMINATION		
Written examination	**30 JUNE 2023 13:30** - labP140 del Complesso Paolotti - Via Giambattista Belzoni, 7 - 35121 Padova		

Publication of the evaluation of the qualifications	Within **03 JULY 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://phd.chimica.unipd.it/cdsm/admission/results-ranking**
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.
Publication of the remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	Within **03 JULY 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: https://phd.chimica.unipd.it/cdsm/admission/results-ranking the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form
Oral examination	**05 JULY 2023 08:30** - The exam may continue: 06 JULY 2023 at 8.30 and 07 JULY 2023 at 8.30 - Dipartimento di Scienze Chimiche, Via Marzolo 1, 35131 Padova
Evaluation criteria	Qualifications: points max 20 Written examination: points max 60 Oral examination: points max 20

Documents to be submitted	Thesis:	Points: max 2	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 15	The CV should include 1) List of all exams (including marks) passed during the academic study (both BSc and MSc). For candidates with a foreign degree also the scoring scale has to be provided. 2) Starting date of the academic study (specify any leave period demonstrated by certificates) 3) Final examination mark (for candidates that have already graduated) 4) Documents that certify relevant study or work experiences abroad (with indication of the duration in months)
	Scientific publications:	Points: max 1	Only scientific publications that are indexed on WoS/Scopus or accepted for publication (as evidenced by a DOI) will be taken into consideration. Abstracts of conferences will not be considered.
	Other documents:	Points: max 2	1) Up to 2 reference letters by Italian or foreign professors/experts in molecular sciences 2) Awards/prizes received as a result of academic accomplishments

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: English
Examination topics	Organic Chemistry, Physical Chemistry, Inorganic Chemistry, Analytical Chemistry, Pharmaceutical Science, Biotechnology. For detailed information on the exam and the contents (including examples): phd.chimica.unipd.it/cdsm/admission During the written admission exam (multiple choice questions) the use of a calculator is permitted.

Didactic program	CDSM offers a training program to enhance the skills and capacities of the PhD-students. The program addresses the improvement of both scientific and transferable skills. A full list of the course programme is available at https://phd.chimica.unipd.it/cdsm/training
PhD Course Website:	https://phd.chimica.unipd.it/cdsm/
Further information	**Department:** SCIENZE CHIMICHE - DiSC **Address:** Via Marzolo - N. 1, 35131 Padova (PD) **Contact person:** Parisi Simone **telephone**: 0498275753 **e-mail:** dottorati.chimica@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

SCHOLARSHIP FUNDED BY THE UNIVERSITY RESERVED TO APPLICANTS WITH FOREIGN QUALIFICATION
MOLECULAR SCIENCES – curriculum CHEMICAL SCIENCES

Selection criteria for the scholarship funded by the University reserved to candidates with a foreign degree	PRE-EVALUATION OF QUALIFICATIONS AND ORAL EXAM.
Oral exam for the scholarship funded by the University reserved to candidates with a foreign degree	Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool.

Evaluation criteria for qualifications and exam for the scholarship funded by the University reserved to candidates with a foreign degree	Qualifications: points max 90 Oral examination: points max 10		
Documents to be submitted for the scholarship funded by the University reserved to candidates with a foreign degree	Curriculum vitae:	Points: max 65	Curriculum vitae must include: Certificate (released by the University or from the relevant bodies of the country of origin) attesting the achievement of the qualification that gives access to the PhD Course. If the candidate has not obtained the title yet, pleae attach a statement attesting that the title will be obtained within 30 September 2023. If the certificates are in a language other than Italian or English, a translation in Italian or English must be attached. 2) A document (issued by the University or by the competent authorities) containing the list of examinations and the relative votes 3) Graduates: Summary of the thesis (max 4 pages) For candidates who have not yet graduated, who will obtain the degree by 30 September 2023, summary of the thesis project (maximum 4 pages) 4) Scientific publications: Only scientific publications indexed on ISI/Scopus or definitively accepted (with DOI) will be considered. Conference abstracts will not be taken into account 5) Certificates useful for assessing the preparation of the candidate (e.g. TOEFL, GRE, etc) 6) Other qualifications which the candidate considers useful for evaluation
	Other documents:	Points: max 25	1) 2 reference letters by Italian or foreign professors/experts in molecular sciences 2) An original research project compatible with the research conducted at the Department of Chemical Sciences or Pharmaceutical Sciences (for further information: https://phd.chimica.unipd.it/cdsm/admission/potential-phd-projects) Applicants are encouraged to contact PIs before the admission procedure for more information
Preselection: First meeting of the Evaluating Commission for the scholarship funded by the University reserved to candidates with a foreign degree	**29 JUNE 2023 9.00**		
Publication of the evaluation of the qualifications for the scholarship	Within **30 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://phd.chimica.unipd.it/cdsm/admission/results-ranking**		

funded by the University reserved to candidates with a foreign degree	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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	Within **30 JUNE 2023** the evaluating Commission will publish in the following website: **https://phd.chimica.unipd.it/cdsm/admission/results-ranking** the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form in the preselection and who have passed the preselection on the basis of the qualifications with a score of at least 7/10
Oral examination	**04 JULY 2023 08:30** - The exam may continue: 05 JULY 2023 at 8.30 e 06 JULY 2023 at 8.30 – 07 JULY 2023 at 8.30 Dipartimento di Scienze Chimiche, Via Marzolo 1, 35131 Padova
Language/s for the scholarship funded by the University reserved to candidates with a foreign degree	**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: English
Examination topics	Organic Chemistry, Physical Chemistry, Inorganic Chemistry, Analytical Chemistry, Pharmaceutical Science, Biotechnology. For detailed information on the exam and the contents (including examples): phd.chimica.unipd.it/cdsm/admission
Didactic program	CDSM offers a training program to enhance the skills and capacities of the PhD-students. The program addresses the improvement of both scientific and transferable skills. A full list of the course programme is available at https://phd.chimica.unipd.it/cdsm/training
PhD Course Website:	https://phd.chimica.unipd.it/cdsm/
Further information	**Department:** SCIENZE CHIMICHE - DiSC **Address:** Via Marzolo - N. 1, 35131 Padova (PD) **Contact person:** Parisi Simone **telephone**: 0498275753 **e-mail:** dottorati.chimica@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

<table>
<tr><td colspan="4" align="center">PhD Course: MOLECULAR SCIENCES – curriculym PHARMACEUTICAL SCIENCES
in agreement with CONSIGLIO NAZIONALE DELLE RICERCHE (CNR)</td></tr>
<tr><td>Department</td><td colspan="3">SCIENZE CHIMICHE - DiSC</td></tr>
<tr><td>Duration</td><td colspan="3">3 years</td></tr>
<tr><td rowspan="4">Number of positions</td><td>Scholarships funded by the University</td><td>n. 3</td><td></td></tr>
<tr><td>Scholarships funded by external public or private bodies/Departments</td><td>n. 3</td><td>1 scholarship funded by Dipartimento di Biologia - DiBio su fondi accordo attuativo VIMM-DiBio AIRC IG27307; Responsabile scientifico prof. Luca Scorrano - Topic: Targeting mitochondrial dynamics in AML (curriculum: PHARMACEUTICAL SCIENCES);
1 scholarship funded by Dipartimento di Scienze Chirurgiche Oncologiche e Gastroenterologiche - DiSCOG su fondi progetto AIRC - IG -2022 - ID 27808; P.I. dott. Marco Agostini - Topic: Multicellular-integrated model on a chip: its new and unexplored role in rectal cancer treatment (curriculum: PHARMACEUTICAL SCIENCES);
1 scholarship funded by Dipartimento di Scienze del Farmaco - DSF su fondi progetto AIRC - IG - 26474; Responsabile scientifico: prof.ssa Claudia Sissi - Topic: The nucleic acid-Vimentin complexes as innovative therapeutic target to control cancer progression (curriculum: PHARMACEUTICAL SCIENCES);</td></tr>
<tr><td>Scholarships on PNRR funds</td><td>n. 4</td><td>1 scholarship funded by Dipartimento di Medicina Molecolare - DMM su fondi PNRR - progetto "National Center for Gene Therapy and Drugs based on RNA Technology" Spoke 6 - (RNA DRUG DEVELOPMENT) - CN00000041 - CUP C93C22002780006 - Topic: Development of long non-coding RNA-targeting therapeutics for the treatment of melanoma (curriculum: PHARMACEUTICAL SCIENCES);
1 scholarship funded by Dipartimento di Scienze del Farmaco - DSF su fondi PNRR - progetto D10_PNRR_CN3_S7_2 "National Center for Gene Therapy and Drugs based on RNA Technology" Spoke 7 - (Biocomputing) - CN00000041 – CUP C93C22002780006 - Topic: RNA-protein/ligand molecular docking and dynamics simulations to identify new drug candidates (curriculum: PHARMACEUTICAL SCIENCES);
1 scholarship funded by Dipartimento di Scienze del Farmaco - DSF su fondi PNRR - progetto D10_PNRR_CN3_S7_2 "National Center for Gene Therapy and Drugs based on RNA Technology" Spoke 7 - (Biocomputing) - CN00000041 – CUP C93C22002780006 - Topic: RNA-protein/ligand molecular docking and dynamics simulations to identify new drug candidates (curriculum: PHARMACEUTICAL SCIENCES);
1 scholarship funded by Dipartimento di Scienze del Farmaco - DSF su fondi PNRR - progetto D10_PNRR_CN3_S8_2 "National Center for Gene Therapy and Drugs based on RNA Technology"</td></tr>
</table>

			Spoke 8 - (PLATFORMS FOR RNA/DNA DELIVERY) - CN00000041 – CUP C93C22002780006 - **Topic:** Platforms for therapeutic RNA/DNA delivery (**curriculum:** PHARMACEUTICAL SCIENCES);
	Scholarships Ministerial Decree 118/2023	n. 1	**1** scholarship Generico PNRR - **Topic:** Development and application of approaches based on pharmaceutical sciences relevant for the goal of PNRR (**curriculum:** PHARMACEUTICAL SCIENCES);
	Total number of positions	**n. 11**	
Selection criteria	EVALUATION OF QUALIFICATIONS, COMPUTER-BASED WRITTEN EXAMINATION AND ORAL EXAMINATION		
Written examination	**30 JUNE 2023 13:30** - labP140 del Complesso Paolotti - Via Giambattista Belzoni, 7 - 35121 Padova		
Publication of the evaluation of the qualifications	Within **03 JULY 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://phd.chimica.unipd.it/cdsm/admission/results-ranking**		
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.		
Publication of the remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **03 JULY 2023** the commission will publish on the course website https://phd.chimica.unipd.it/cdsm/admission/results-ranking the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form		
Oral examination	**05 JULY 2023 08:30** - The exam may continue: 06 JULY 2023 at 8.30 and 07 JULY 2023 at 8.30 – Dipartimento di Scienze Chimiche, Via Marzolo 1, 35131 Padova		
Evaluation criteria	Qualifications: points max 20 Written examination: points max 60 Oral examination: points max 20		
Documents to be submitted	Thesis:	Points: max 2	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 15	The CV should include 1) List of all exams (including marks) passed during the academic study (both BSc and MSc). For candidates with a foreign degree also the scoring scale has to be provided. 2) Starting date of the academic study (specify any leave period demonstrated by certificates) 3) Final examination mark (for candidates that have already graduated) 4) Documents that certify relevant study or work experiences abroad (with indication of the duration in months)

Documents to be submitted	Scientific publications:	Points: max 1	Only scientific publications that are indexed on WoS/Scopus or accepted for publication (as evidenced by a DOI) will be taken into consideration. Abstracts of conferences will not be considered.
	Other documents:	Points: max 2	1) Up to 2 reference letters by Italian or foreign professors/experts in molecular sciences 2) Awards/prizes received as a result of academic accomplishments
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: English		
Examination topics	Pharmaceutical Chemistry, Pharmaceutical Technology, General Chemistry, Organic Chemistry, Analytical Chemistry, Biotechnology. For detailed information on the exam and the contents (including examples): phd.chimica.unipd.it/cdsm/admission. During the written admission exam (multiple choice questions) the use of a calculator is permitted.		
Didactic program	CDSM offers a training program to enhance the skills and capacities of the PhD-students. The program addresses the improvement of both scientific and transferable skills. A full list of the course programme is available at https://phd.chimica.unipd.it/cdsm/training		
PhD Course Website:	https://phd.chimica.unipd.it/cdsm/		
Further information	**Department:** SCIENZE CHIMICHE - DiSC **Address:** Via Marzolo - N. 1, 35131 Padova (PD) **Contact person:** Parisi Simone **telephone**: 0498275753 **e-mail:** dottorati.chimica@unipd.it		
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**		

PhD Course: NEUROSCIENCE			
Department	Centro di Ateneo "Padova Neuroscience Center"		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 4	
	Scholarships funded by external public or private bodies/Departments	n. 6	**1** scholarship funded by Centro di Ateneo Padova Neuroscience Center su fondi derivanti da donazione della signora Pivetta Eufrasia (referente: Prof. Corbetta) - **Topic:** Brain Network Functional and Structural disconnectivity in stroke; **1** scholarship funded by Dipartimento di Neuroscienze - DNS su fondi del progetto NEMESIS, ERC 2022 SYG (HORIZON) 101071900 (PI Prof. Corbetta) - **Topic:** Investigating the role of sleep-like slow waves in a mouse mode for adult stroke; **1** scholarship funded by Dipartimento di Neuroscienze - DNS su fondi del progetto NEMESIS, ERC 2022 SYG (HORIZON) 101071900 (PI Prof. Corbetta) - **Topic:** Neurological mechanisms of network disruption and behavioural impairment after stroke; **1** scholarship funded by Dipartimento di Psicologia dello Sviluppo e della Socializzazione - DPSS su fondi progetto "Infant verbal Memory in Development: a window for understanding language constraints and brain plasticity from birth-IN-MIND" ERC Grant Agreement #101043216 – ERC2021-STG - CUP C93C22003040005 (PI: Prof.ssa Benavides Varela - **Topic:** Neural Basis of Verbal Memory at Birth; **1** scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi DOR e residui di progetti con responsabili scientifici prof.ssa Daniela Pietrobon e prof. Stefano Vassanelli - **Topic:** Sensorymotor cortical microcircuits and the pathogenesis of migrane; **1** scholarship funded by Dipartimento di ingegneria industriale - DII su fondi ERC starting grant - ConNect (PI dott.ssa Cecilia Laterza) - **Topic:** Restoring brain connections between organoids and brain via intravital 3D bioprinting;
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR - **Topic:** Promotion of PSYChological HEALth and accessibility to low intensity treatment in clinical psychology - PSYCHEAL; **1** scholarship Pubblica Amministrazione - **Topic:** As if there was no tomorrow: future time perspective and pro-environmental behaviors; **1** scholarship Transizioni Digitali e Ambientali - **Topic:** Digitalize to shorten the distance: improving cognitive assessment by computer-based multitasking;

Number of positions	Positions without scholarship	n. 2	
	Total number of positions	**n. 15**	
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 50 Oral examination: points max 50		
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 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 20	To be filled in exclusively following the template "CV Form", available on the website of the course: http://pnc.unipd.it/admission/. Candidates are required to provide all the information requested, carefully filling in each field in the CV form. Regarding the academic qualifications, please provide the required information on the Bachelor Degree (in Italian: Laurea Triennale). Moreover, candidates are asked to specify weighted average of the exam marks (based on the relative credit weights) taken in the Master's Degree, MA (in Italian: Laurea Magistrale/Specialistica) or arithmetic average for exams taken in the "Laurea Vecchio Ordinamento" (old Italian system).
	Other documents:	Points: max 25	- Research project following the template ("Research Project Form") available on the PhD program website http://pnc.unipd.it/admission/ (max 15 points) - Two letters of reference from Researchers/Professors (to be uploaded by the sponsors in PICA platform before the deadline) (max 5 points) - Motivation letter describing the candidate's personal motivation for choosing to apply for this PhD program (max 500 words) (max 5 points)
Preselection: First meeting of the Evaluating Commission	**27 JUNE 2023 10:00**		
Publication of the results of the evaluation of the preselection	Within **30 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://pnc.unipd.it/admission/** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **30 JUNE 2023** the commission will publish on the course website https://pnc.unipd.it/admission/ the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**05 JULY 2023** 09:00 - The exam may continue: 06-07 JULY 2023 - Aula Magna Neurologia, Dip. Neuroscienze (Neurologia), via Giustiniani 5, 35128, Padova
Language/s	**Foreign language/s assessment at the oral examination:** During the oral examination the commission will assess the knowledge of the following language: English **Admission exam:** The admission exam will be taken in: English
Examination topics	During the oral examination, candidates will be asked to explain the motivations that lead them to undertake a PhD in Neuroscience, and to concisely expose their scientific interests in this field. During the exam, candidates will also discuss their submitted Research Project, which should be based on 1-2 research lines proposed by the Academic Board of the PhD in Neuroscience and described in the Course website (https://pnc.unipd.it/phd-research-lines/). The Admission Committee will also discuss with the candidate her/his CV and qualifications. Finally, for those who will also apply for Priority Research-bonded fellowships, part of the oral examination will be used to verify the suitability of the candidate for the chosen theme/s.
Didactic program	Besides from weekly journal clubs & seminars, the educational offer includes: 1. Basic courses on: Neuroanatomy, physiology, cognition, methodology, Stats & maths, Soft skills & research training. 2. Advanced courses on: Programming & Computational skills; molecular, cellular, cognitive, behavioral, clinical Neuroscience. For more information: https://pnc.unipd.it/teaching-activities/
PhD Course Website:	https://pnc.unipd.it/phd-neuroscience/
Further information	**Department:** Centro di Ateneo "Padova Neuroscience Center" **Address:** Via Giuseppe Orus - N. 2b, 35129 Padova (PD) **Contact person:** Garbinato Martina **telephone**: 0498212623 **e-mail:** martina.garbinato@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: ONCOLOGY AND IMMUNOLOGY			
Department	SCIENZE CHIRURGICHE ONCOLOGICHE E GASTROENTEROLOGICHE-DiSCOG		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 1	
	Scholarships funded by the University reserved to applicants with foreign qualification	n. 1	**WARNING**: 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. 4	**1** scholarship funded by Borsa di Ateneo cofinanziata con Dipartimento di Scienze chirurgiche, oncologiche e Gastroenterologiche - DiSCOG **- Topic:** Mechanisms of NOTCH1-induced tumorigenesis; **1** scholarship funded by Dipartimento di Scienze chirurgiche oncologiche e gastroenterologiche - DiSCOG finanziata al 75% con fondi della Fondazione ONLUS Marina Minnaja e al 25 % con fondi propri del DiSCOG **- Topic:** Immunological profile and mechanisms of interaction and liver damage between Hepatitis B and Delta in patients with and without hepatocellular carcinoma; **1** scholarship funded by Smart PhD 2023 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART **- Topic:** Oncofluid - Oncological molecular diagnostics of circulating tumor DNA using advanced sequencing methods; **1** scholarship funded by San Camillo IRCCS S.r.l. società unipersonale – **Topic:** Neurocognitive rehabilitation of oncological patient;
	Scholarships on PNRR funds	n. 1	**1** scholarship funded by Dipartimento di Medicina Molecolare – DMM su fondi PNRR - progetto: "National Center for Gene Therapy and Drugs based on RNA Technology, RNA DRUG DEVELOPMENT" (CN00000041 - SP. 6) - CUP C93C22002780006 **- Topic:** The pathogenetic role of non coding RNA in T-Large Granular Lymphocyte Leukemia;
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR **- Topic:** CAR-T and Cytokine Induced Killer (CIK) adoptive cell therapy for cancer treatment: understanding resistance to therapy, improving patient's selection, and designing novel therapeutic strategies; **1** scholarship Generico PNRR **- Topic:** Targeting novel survival signal pathways to shape new therapeutical approaches for lymphoproliferative diseases; **1** scholarship Pubblica Amministrazione **- Topic:** Implementation of an IT portal for the conservation and consultation of clinical and genetic data of cancer patients subjected to NGS

			sequencing and development of innovative algorithms for the tertiary analysis of NGS data in Oncology;
	Positions without scholarship	n. 3	
	Total number of positions	**n. 13**	
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 20 Oral examination: points max 80		
Documents to be submitted	Thesis:	Points: max 4	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor). Relevance of the experimental methodologies used and the subject matter of the thesis with the themes of the PhD Course.
	Curriculum vitae:	Points: max 9	In the curriculum specify the marks obtained in the individual exams and the weighted average of the exams taken in the Master's degree / specialist (or arithmetic average of the exams carried out in the old system degree). The final degree mark will not be considered.
	Scientific publications:	Points: max 2	List of publications relevant to the topics of the course with impact factor. List of only oral presentations of the candidate for national and international scientific conferences.
	Other documents:	Points: max 5	Study, research and work experiences in Italy and abroad, including participation in international mobility projects for students or graduates. Knowledge of English documented by certification. Maximum 2 reference letters. Motivation letter that illustrates the research interests with respect to the topics of the Doctoral Course (max 400 words).
Preselection: First meeting of the Evaluating Commission	**23 JUNE 2023 09:00**		
Publication of the results of the evaluation of the preselection	Within **26 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.discog.unipd.it/doctorate/students** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **26 JUNE 2023** the commission will publish on the course website https://www.discog.unipd.it/doctorate/students the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**05 JULY 2023** 09:00 - The exam may continue: 06 JULY 2023 at 09:00 - Aula Magna Istituto Oncologico Veneto, Via Gattamelata 64 - 35128 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 Language.
Examination topics	Subjects related to the PhD topics such as: General Oncology, Cytohistopathology and Molecular Pathology in Oncology, Immunology, Cancer Immunology, Oncohematology. Basic concepts in Genetics, Cellular and Molecular Biology.
Didactic program	Theoretical-practical courses on the scientific topics of the PhD Course. Seminar cycle. Conferences on oncological and immunological issues. Seminars on scientific communication, leadership, patenting, funding opportunities and mechanisms in the European context, Bibliometric analysis. https://www.discog.unipd.it/doctorate/dottorati-di-ricerca
PhD Course Website:	https://www.discog.unipd.it/doctorate/dottorati-di-ricerca
Further information	**Department:** SCIENZE CHIRURGICHE ONCOLOGICHE E GASTROENTEROLOGICHE- DiSCOG **Address:** Via N.Giustiniani - N. 2, 35128 PADOVA (PD) **Contact person:** ZATTA ANTONIO **telephone**: 0498214383 **e-mail:** antonio.zatta@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: PEDAGOGICAL, EDUCATIONAL AND INSTRUCTIONAL SCIENCES			
Curricula	☐ PEDAGOGICAL SCIENCES ☐ RESEARCH ON INCLUSION, WELL-BEING, SUSTAINABILITY IN EDUCATION		
Department	FILOSOFIA, SOCIOLOGIA, PEDAGOGIA E PSICOLOGIA APPLICATA (FISPPA)		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 3	
	Scholarship funded by the University reserved to applicants with foreign qualification	n. 1	Selection criteria: Pre-evaluation of qualifications and oral exam. The assignment of this scholarship will take place with a specific ranking. Candidates who compete for this scholarship cannot compete for the other positions offered by the PhD course in Pedagogical, educational and instructional Sciences
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR - **Topic:** Smartphone addiction and students performance: pedagogical approaches and intervention models for prevention (**curriculum:** RESEARCH ON INCLUSION, WELL-BEING, SUSTAINABILITY IN EDUCATION); **1** scholarship Pubblica Amministrazione - **Topic:** Early School Leaving and the Promotion of Educating Community Systems: Approaches, Methods and Tools of Second Chance Schools to Tackle School Dropout in Institutions and Territory (**curriculum:** PEDAGOGICAL SCIENCES); **1** scholarship Pubblica Amministrazione - **Topic:** Innovating the management of educational services: to define and enhance best connective practices in complex systems (**curriculum:** RESEARCH ON INCLUSION, WELL-BEING, SUSTAINABILITY IN EDUCATION);
	Positions without scholarship	n. 1	
	Total number of positions	**n. 8**	
Selection criteria	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 of qualifications: First meeting of the Evaluating Commission	**22 JUNE 2023 09:30**		
Publication of the evaluation of the qualifications	Within **26 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://ssu.elearning.unipd.it/mod/page/view.php?id=178669**		

Publication of the remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **26 JUNE 2023** the commission will publish on the course website https://ssu.elearning.unipd.it/mod/page/view.php?id=178669 the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form		
Oral examination	**29 JUNE 2023** 09:30 - The exam may continue: 30 JUNE 2023 at 9.30 - Dipartimento FISPPA, via Beato Pellegrino 28, Sala Riunioni, I piano - Padova		
Evaluation criteria	Qualifications: points max 40 Oral examination: points max 60		
Documents to be submitted	Thesis:	Points: max 8	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 7	The CV must also contain a list of university exams taken
	Scientific publications:	Points: max 3	Abstracts of publications presented in the CV
	Other documents:	Points: max 20	A well argued and extensively documented research proposal in an educational research area/project (max. 12,000 characters - including spaces - excluding references) Motivational profile For those applying for the topic-based scholarship, the project could be on the chosen theme.
	Further documents that the candidates think relevant to their evaluation:	Points: max 2	
Language/s	**Foreign language/s assessment at the oral examination:** During the oral examination the commission will assess the knowledge of the following language/s: ENGLISH **Admission exam:** The admission exam will be held in: ITALIAN OR ENGLISH		
Examination topics	Pedagogical and educational sciences - General and social pedagogy - Educational and communication sciences and technologies - Special pedagogy and inclusive education - Research methodology and evaluation - Historical and comparative research		
Didactic program	Doctoral students will attend: seminar series held by teachers of the PhD course and experts; methodological and thematic learning units in Italian and English. Internationalisation is encouraged with co-tutoring and research stays. abroad.https://ssu.elearning.unipd.it/course/view.php?id=289		
PhD Course Website:	https://ssu.elearning.unipd.it/course/view.php?id=289		
Further information	**Department:** FILOSOFIA, SOCIOLOGIA, PEDAGOGIA E PSICOLOGIA APPLICATA (FISPPA) **Address:** Piazza Capitaniato - N. 3, 35139 Padova (PD)		

	Contact person: Pittella Antonella **telephone**: 049 8274720 **e-mail:** dottorati.fisppa@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

SCHOLARSHIP FUNDED BY THE UNIVERSITY RESERVED TO APPLICANTS WITH FOREIGN QUALIFICATION
PEDAGOGICAL, EDUCATIONAL AND INSTRUCTIONAL SCIENCES

Selection criteria for the scholarship funded by the University reserved to candidates with a foreign degree	PRE-EVALUATION OF QUALIFICATION AND ORAL EXAM.
Oral exam for the scholarship funded by the University reserved to candidates with a foreign degree	Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool.
Evaluation criteria for qualifications and exam for the scholarship funded by the University reserved to candidates with a foreign degree	Qualifications: points max 40 Oral examination: points max 60

Documents to be submitted for the scholarship funded by the University reserved to candidates with a foreign degree	Thesis	Points: max 8	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages))
	Curriculum vitae:	Points: max 7	The CV must also contain a list of university exams taken
	Scientific Publications:	Points: max 3	Abstracts of publications presented in the CV
	Other documents:	Points: max 20	A well argued and extensively documented research proposal in a educational research area/project (max. 12,000 characters - including spaces - excluding references) Motivational profile
	Other documents considered useful for the evaluation:	Points: max 2	

Preselection: First meeting of the Evaluating Commission for the scholarship funded by the University reserved to candidates with a foreign degree	**22 JUNE 2023 14:30**
Publication of the evaluation of the qualifications for the scholarship funded by the University reserved to candidates with a foreign degree	Within **26 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://ssu.elearning.unipd.it/mod/page/view.php?id=178669** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	Within **26 JUNE 2023** the evaluating Commission will publish in the following website: **https://ssu.elearning.unipd.it/mod/page/view.php?id=178669** the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form in the preselection and who have passed the preselection on the basis of the qualifications with a score of at least 7/10
Oral examination	**29 JUNE 2023 14:30** - The exam may continue: **30 JUNE 2023** Dipartimento di Filosofia, Sociologia, Pedagogia e Psicologia Applicata (FISPPA) Sala Riunioni 1 piano - Via Beato Pellegrino, 28 - Padova
Language/s for the scholarship funded by the University reserved to	**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: ENGLISH

candidates with a foreign degree	
Examination topics	Pedagogical and educational sciences - General and social pedagogy - Educational and communication sciences and technologies - Special pedagogy and inclusive education - Research methodology and evaluation - Historical and comparative research
Didactic program	Doctoral students will attend: seminar series held by teachers of the PhD course and experts; methodological and thematic learning units in Italian and English. Internationalisation is encouraged with co-tutoring and research stays. abroad.https://ssu.elearning.unipd.it/course/view.php?id=289
PhD Course Website:	https://ssu.elearning.unipd.it/course/view.php?id=289
Further information	**Department:** FILOSOFIA, SOCIOLOGIA, PEDAGOGIA E PSICOLOGIA APPLICATA (FISPPA) **Address:** Piazza Capitaniato - N. 3, 35139 Padova (PD) **Contact person:** Pittella Antonella **telephone**: 049 8274720 **e-mail:** dottorati.fisppa@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: PHARMACOLOGICAL SCIENCES			
Department	SCIENZE DEL FARMACO – DSF		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 2	
	Scholarships funded by external public or private bodies/Departments	n. 2	**1** scholarship funded by Centro di Riferimento Oncologico di Aviano **- Topic:** Targeted nanoparticles to enhance in vivo activities of CAR T-cells; **1** scholarship funded by Centro di Riferimento Oncologico di Aviano **- Topic:** Targeted nanoparticles to enhance in vivo activities of CAR T-cells;
	Scholarships on PNRR funds	n. 1	**1** scholarship funded by Dipartimento di Scienze statistiche - DSS su fondi PNRR - progetto PE0000015 "Age-It. Ageing well in an Ageing Society" - Spoke 4 - CUP C93C22005240007 - **Topic:** Evidence-based pharmacological and not pharmacological prevention strategies in the elderly;
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR **- Topic:** Innovative strategies and targets in neuropharmacology; **1** scholarship Generico PNRR - **Topic:** Pharmacological and nutraceutical approaches to control inflammaging; **1** scholarship Pubblica Amministrazione - **Topic:** Pharmacovigilance and pharmacoepidemiology of innovative therapies;
	Positions without scholarship	n. 1	
	Total number of positions	**n. 9**	
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 40 Oral examination: points max 60		
Documents to be submitted	Thesis:	Points: max 12	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 22	C.V. Include arithmetic mean of marks obtained in the courses of five years Master Degree.

	Scientific publications:	Points: max 4	It will be evaluated scientific publications and abstracts presented to national and international scientific congresses.
	Other documents:	Points: max 2	Other qualifications the candidate considers useful for evaluation purposes

Preselection: First meeting of the Evaluating Commission	**26 JUNE 2023 09:30**
Publication of the results of the evaluation of the preselection	Within **26 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.dsfarm.unipd.it/ricerca/phd-graduate-programs/phd-degree-program-pharmacological-sciences** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **26 JUNE 2023** the commission will publish on the course website https://www.dsfarm.unipd.it/ricerca/phd-graduate-programs/phd-degree-program-pharmacological-sciences the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**04 JULY 2023** 09:30 - The exam may continue: 05 JULY 2023 - Aula Zancan, Dipartimento di Scienze del Farmaco, Largo Meneghetti, 2, 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	Presentation of a research project related to the PhD course or to experimental thesis carried out; Pharmacokinetics; Pharmacodynamic; Toxicology; Pharmacotherapy; Molecular and Cellular Pharmacology.
Didactic program	Information Literacy in Pharmacological Sciences; Statistics; Advanced Pharmacology: Farmacokinetics, Molecular Pharmacology,Neuropsychopharmacology, Clinical research methodology, Toxicology; attendance max 2 Courses at Department of Pharmaceutical and Pharmacological Sciences, agreed with tutors. http://www.dsfarm.unipd.it/ricerca/phd-graduate-programs/phd-degree-program-pharmacological-sciences
PhD Course Website:	https://www.dsfarm.unipd.it/ricerca/phd-graduate-programs/phd-degree-program-pharmacological-sciences
Further information	**Department:** SCIENZE DEL FARMACO - DSF **Address:** Via Marzolo - N. 5, 35131 Padova (PD) **Contact person:** Strafella Daniela **telephone**: +390498275106 **e-mail:** daniela.strafella@unipd.it

How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: PHILOSOPHY			
Department	FILOSOFIA, SOCIOLOGIA, PEDAGOGIA E PSICOLOGIA APPLICATA (FISPPA)		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 4	
	Scholarships funded by external public or private bodies/Departments	n. 1	**1** scholarship funded by Istituto di Scienze e Tecnologie della Cognizione (ISTC) del CNR **- Topic:** Foundational Ontology of Cultural Transmission Theory in Contemporary Archaeology;
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR **- Topic:** For a new concept of labour; **1** scholarship Pubblica Amministrazione **- Topic:** "Public": a conceptual-historical study; **1** scholarship Transizioni Digitali e Ambientali **- Topic:** Ethics and Philosophy of the Digital Transition;
	Total number of positions	**n. 8**	
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 40 Oral examination: points max 60		
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 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 5	Detailed scientific curriculum including: a) training and qualifications; b) linguistic and computer skills; c) prizes and scholarships; d) participation as conference speakers; e) publications.
	Other documents:	Points: max 30	Detailed research project that does not exceed 20,000 characters (spaces and any bibliography included).
Preselection: First meeting of the Evaluating Commission	**21 JUNE 2023 10:00**		
Publication of the results of the evaluation of the preselection	Within **28 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://ssu.elearning.unipd.it/mod/page/view.php?id=61591** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **28 JUNE 2023** the commission will publish on the course website https://ssu.elearning.unipd.it/mod/page/view.php?id=61591 the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**03 JULY 2023 09:00** - The exam may continue: 04 JULY 2023 at 9:00 - Sala Giacon, Dipartimento FISPPA, Piazza Capitaniato 3, 35139 Padova
Language/s	**Foreign language/s assessment at the oral examination:** At the oral examination the commission will assess the knowledge of two foreign languages chosen by the candidate among the following: English, German, French, Spanish. **Admission exam:** The admission exam will be taken in Italian or English.
Examination topics	At the oral examination the commission will assess the skills and the research aptitude in one of the following areas: 1. Philosophy and History of Ideas (History of Ancient Philosophy, History of Medieval Philosophy, History of Modern and Contemporary Philosophy); 2. Political Philosophy and History of Political Thought (Political Philosophy, History of Political Doctrines, History of Political Instituions); 3. Theoretical and Practical Philosophy (Theoretical Philosophy, Logic and Philosophy of Science, Moral Philosophy; Aesthetics, Philosophy of Language).
Didactic program	The teaching activities of the three-year PhD Program in Philosophy include: a) Courses provided for in the training process; b) Transversal didactic activies and soft skills. For further information visit: https://ssu.elearning.unipd.it/course/view.php?id=302&lang=en
PhD Course Website:	https://ssu.elearning.unipd.it/course/view.php?id=302
Further information	**Department:** FILOSOFIA, SOCIOLOGIA, PEDAGOGIA E PSICOLOGIA APPLICATA (FISPPA) **Address:** Piazza Capitaniato - N. 3, 35137 Padova (PD) **Contact person:** Pittella Antonella **telephone**: 0498274720 **e-mail:** dottorati.fisppa@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

<table>
<tr><td colspan="4">PhD Course: PHYSICS
in agreement with Istituto Nazionale di Fisica Nucleare – INFN</td></tr>
<tr><td>Department</td><td colspan="3">FISICA E ASTRONOMIA "GALILEO GALILEI" - DFA</td></tr>
<tr><td>Duration</td><td colspan="3">3 years</td></tr>
<tr><td rowspan="5">Number of positions</td><td>Scholarships funded by the University</td><td>n. 10</td><td></td></tr>
<tr><td>University Scholarships co-funded by the Department</td><td>n. 1</td><td>Co-funding Department: FISICA E ASTRONOMIA "GALILEO GALILEI" - DFA</td></tr>
<tr><td>Scholarship funded by the Body in agreement</td><td>n. 3</td><td>1 scholarship funded by Istituto Nazionale di Fisica Nucleare - INFN;
1 scholarship funded by Istituto Nazionale di Fisica Nucleare - INFN;
1 scholarship funded by Istituto Nazionale di Fisica Nucleare - INFN - Laboratori Nazionali di Legnaro - Topic: Research in Nuclear Physics within the activities of the National Laboratories of Legnaro;</td></tr>
<tr><td>Scholarships funded by external public or private bodies/Departments</td><td>n. 17</td><td>1 scholarship funded by Centro Interdipartimentale di Ricerca "Padua Quantum Technologies Research Center" su fondi progetto di Sistema di Trasmissione e Ricezione Assicurata di Dati - Topic: Metalenses: new nano-optics for quantum experiments with structured light;
1 scholarship funded by Dipartimento di Biologia - DiBio su fondi della Stazione Zoologica Anton Dohrn di Napoli nell'ambito del Progetto BIOCEAN5D; Sedi di attività: Dipartimento di Fisica e Astronomia "Galileo Galilei - DFA (supervisore prof. Samir Suweis) e Stazione Zoologica Anton Dohrn di Napoli - SZN (co-supervisore dr. Daniele Iudicone) - Topic: Ecological dynamics and ocean biogeography: a Physics of Data approach;
1 scholarship funded by Dipartimento di Biologia - DiBio su fondi della Stazione Zoologica Anton Dohrn di Napoli nell'ambito del Progetto BIOCEAN5D; Sedi di attività: Dipartimento di Fisica e Astronomia "Galileo Galilei - DFA (supervisore prof. Sandro Azaele) e Stazione Zoologica Anton Dohrn di Napoli - SZN (co-supervisore dr. Daniele Iudicone) - Topic: Seascape as a complex system: the role of ocean transport on eco-evolutionary dynamics;
1 scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "Frontiere Quantistiche" (FQ) - Topic: Fundamental Physics and Quantum Technologies.;
1 scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "Frontiere Quantistiche" (FQ) - Topic: Quantum Frontiers of Gravity;
1 scholarship funded by Dipartimento di Fisica e</td></tr>
</table>

Astronomia "Galileo Galilei" - DFA su fondi INFN del Progetto Codice PE0000023, titolo "National Quantum Science and Technology Institute - PE4 NQSTI", CUP I53C22001460006 -
Topic: Experimental characterization of ultracryogenic spin polarized systems for measurements of charge parity symmetry violation effects;

1 scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi INFN del Progetto Codice PE0000023, titolo "National Quantum Science and Technology Institute - PE4 NQSTI", CUP I53C22001460006 -
Topic: Realization of a pilot experiment for thè measurement of the electric dipole moment of the electron with paramagnetic moiecuies embedded in parahydrogen cryogenic crystals;

1 scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi INFN e Lulea University of Technology (Svezia) **-**
Topic: Development of neuromorphic architectures for energy-efficient deep learning, and applications to optimization of the design of experimental apparatus;

1 scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi INFN e Technical University Kaiserslautern-Landau (Germania) **- Topic:** End-to-end optimization ofthe design of experimental apparatus with differentiable programming techniques;

1 scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi del progetto ERC: GLAXES - X-ray-induced fluidization: a non-equilibrium pathway to reach glasses at the extremes of their stability range **-**
Topic: Thermodynamic and structural properties of glasses irradiated with X-ray radiation;

1 scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi del progetto HORIZON-CL4-2021-DIGITAL-EMERGING-02 "PASQuanS2 - Framework for Programmable Atomic Large-scale Quantum Simulation" **- Topic:** Framework for Programmable Atomic Large-scale Quantum Simulation;

1 scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi del progetto HORIZON-CL4-2021-DIGITAL-EMERGING-02 "PASQuanS2 - Framework for Programmable Atomic Large-scale Quantum Simulation" **- Topic:** Framework for Programmable Atomic Large-scale Quantum Simulation;

1 scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi del progetto HORIZON-CL4-2021-DIGITAL-EMERGING-02 "PASQuanS2 - Framework for Programmable Atomic Large-scale Quantum Simulation" **- Topic:** Framework for Programmable Atomic Large-scale Quantum Simulation;

1 scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi di progetti del Dipartimento **- Topic:** Development of

			innovative pixel sensors for future High Energy Physics experiments, spaceborn observatories, and medical applications; **1** scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi di progetti del Dipartimento **- Topic:** Heavy Ion Reactions and Nuclear Structure; **1** scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi di progetti del Dipartimento **- Topic:** On the particle identity of light dark matter; **1** scholarship funded by Dipartimento di Medicina Molecolare - DMM **- Topic:** Dynamics of interdependent epidemics: a physics approach;
	Scholarships on PNRR funds	n. 4	**1** scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR - "Sustainable Mobility Center - Centro Nazionale per la Mobilità Sostenibile – CNMS", Spoke 13, codice identificativo MUR: CN00000023 nell'ambito del Piano Nazionale di Ripresa e Resilienza (PNRR), Missione 4, Componente 2 – CUP: C93C22002750006 **- Topic:** Semiconductor Doping by Pulsed Laser Melting; **1** scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi PNRR - progetto CN1 NATIONAL CENTRE FOR HPC, BIG DATA AND QUANTUM COMPUTING - Affiliato Spoke 2 (INFN) - FUNDAMENTAL RESEARCH & SPACE ECONOMY - CUP C93C22002800006 **- Topic:** Development of techniques based on machine learning for the reconstruction software of the TOP detector at the Belle II experiment; **1** scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi PNRR – progetto CN1 "NATIONAL CENTRE FOR HPC, BIG DATA AND QUANTUM COMPUTING" - Affiliato Spoke 10 (POLIMI - UNIPD CO-LEADER) - QUANTUM COMPUTING CN_00000013 - SP. 10 - CUP C93C22002800006 **- Topic:** Development of the activities of the Spoke 10 – Quantum Computing within the National Center for HPC, Big Data and Quantum Computing; **1** scholarship funded by Dipartimento di Ingegneria Industriale - DII su fondi PNRR - progetto Sustainable Mobility Center - Spoke 14: HYDROGEN AND NEW FUELS - CUP C93C22002750006 **- Topic:** Functional oxide nanostructures for green hydrogen production;

	Scholarships Ministerial Decree 118/2023	n. 5	**1** scholarship Generico PNRR **- Topic:** Basic and/or applied physics on topics in the areas of interest of the National Recovery and Resilience Plan (PNRR); **1** scholarship Generico PNRR **- Topic:** Basic and/or applied physics on topics in the areas of interest of the National Recovery and Resilience Plan (PNRR); **1** scholarship Generico PNRR **- Topic:** Basic and/or applied physics on topics in the areas of interest of the National Recovery and Resilience Plan (PNRR); **1** scholarship Pubblica Amministrazione - **Topic:** Physics on topics of interest for the digital and ecological transition of the Public Administration; **1** scholarship Pubblica Amministrazione - **Topic:** Physics on topics of interest for the digital and ecological transition of the Public Administration;
	Positions without scholarship	n. 4	
	Total number of positions	**n. 44**	
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 40 Oral examination: points max 60		
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 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 20	Bachelor degree grade and weighted average of the grades of the exams taken for the master's degree or mean of the grades of the exams taken for the degree in the old University system (4 years). CV complete of publication list, presentations at conferences, prizes, scholarships, stages and schools, Erasmus stays, visits at other Universities, Laboratories or research institutes.
	Other documents:	Points: max 15	At least one and no more than two reference letters; one motivational letter (2 pages maximum) which clarifies the research interests of the applicant, explaining in particular how those fit the research lines present in the Department.
Preselection: First meeting of the Evaluating Commission	**21 JUNE 2023 09:00**		

Publication of the results of the evaluation of the preselection	Within **04 JULY 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.dfa.unipd.it/didattica/dottorati-di-ricerca/phd-physics/** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **04 JULY 2023** the commission will publish on the course website https://www.dfa.unipd.it/didattica/dottorati-di-ricerca/phd-physics/ the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**06 JULY 2023 09:00** - The exam may continue: 7, 10, 11, 12 JULY 2023 at 9:00 - Dipartimento di Fisica ed Astronomia, Via Marzolo, 8 - 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, at the candidate's choice
Examination topics	Physics of fundamental interactions, Astrophysics and Astro-particle Physics, Cosmology, Nuclear Physics, Biophysics, Statistical Physics and Physics of Complex Systems, Physics of Matter and Applied Physics
Didactic program	During the I and II year the students follow courses of 24 hours each in English; each student takes exams for 4 courses in Physics, 3 of which within year I, and follows a course to develop transversal competences: "Teaching and Learning Physics" or "UE funding" or "Communicating science". More information here: https://www.dfa.unipd.it/didattica/dottorati-di-ricerca/phd-physics/didactics/
PhD Course Website:	https://www.dfa.unipd.it/didattica/dottorati-di-ricerca/phd-physics/
Further information	**Department:** FISICA E ASTRONOMIA "GALILEO GALILEI" - DFA **Address:** Via Marzolo - N. 8, 35131 Padova (PD) **Contact person:** Mazzucco Cristina **telephone**: 0498277089 **e-mail:** didattica.dfa@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: PSYCHOLOGICAL SCIENCES			
Department	PSICOLOGIA GENERALE - DPG		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 7	
	Scholarships funded by external public or private bodies/Departments	n. 5	**1** scholarship funded by Associazione italiana contro leucemie linfomi e mieloma - sezione AIL di Padova **- Topic:** New technologies adoption for the enhancement of distraction strategies, graphomotor and cognitive skills through psychological interventions in pediatric patients with onco-hematological diseases; **1** scholarship funded by Dipartimento di Psicologia Generale - DPG su fondi del Progetto Horizon "RESONATE: Building individual and community RESilience thrOugh NATurE-based therapies" (Principal Investigator: Angelica Moè) **-** **Topic:** Effectiveness of nature based activities in reducing stress and promoting well-being; **1** scholarship funded by Dipartimento di Psicologia Generale - DPG su fondi "ERC-2021-STG-101042701 – DECOMPOSE" (Principal Investigator: Ioana Cristea) **- Topic:** Disentangling psychological interventions for mental disorders into a taxonomy of active ingredients (DECOMPOSE); **1** scholarship funded by Dipartimento di Psicologia dello Sviluppo e della Socializzazione - DPSS su fondi progetto "Infant verbal Memory in Development: a window for understanding language constraints and brain plasticity from birth-IN-MIND" ERC Grant Agreement number 101043216 – ERC-2021-STG (CUP C93C22003040005) (Principal Investigator: Silvia Elena Benavides Varela) **-** **Topic:** Trajectories of phonological working memory in infancy; **1** scholarship funded by Smart PhD 2023 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART **-** **Topic:** Development of a new Digital Wellbeing model integrated into an Agentless solution for monitoring and protecting children;
	Scholarships on PNRR funds	n. 2	**1** scholarship funded by Dipartimento di Ingegneria Industriale - DII su fondi PNRR - progetto PNRR PE11 3A-ITALY- Made-in-Italy circolare e sostenibile (PE00000004) - Spoke 5 "Closed-loop, sustainable, inclusive factories and processes", CUP C93C22005280001 (Principal Investigator: Enrico Rubaltelli) **- Topic:** Development of policies to support the implementation and acceptance of sustainable made in Italy technologies; **1** scholarship funded by Dipartimento di Psicologia dello Sviluppo e della Socializzazione - DPSS su fondi PNRR - progetto "DARE - Digital lifelong prevention" PNC0000002 – Spoke 2 - CUP B53C22006250001 (Principal Investigator: Irene Cristina Mammarella) **- Topic:** A digital battery for

			visuospatial and socio-relational skills in typical and atypical development;
	Scholarships Ministerial Decree 118/2023	n. 4	**1** scholarship Generico PNRR **- Topic:** Foster mathematical attainment towards digital testing and intervention in primary school children: cognitive and emotional aspects; **1** scholarship Pubblica Amministrazione - **Topic:** Adaptive cognitive control in typical and atypical neurodevelopment: from the neurofunctional organization to the neuropsychological profile; **1** scholarship Pubblica Amministrazione - **Topic:** Nudging strategies to simplify public policy; **1** scholarship Transizioni Digitali e Ambientali - **Topic:** Application of web-based artificial intelligence systems for the adaptive assessment and personalized training of cognitive functions in populations with neurodevelopmental disorders;
	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	Curriculum vitae:	Points: max 30	The CV must be prepared using the template which can be downloaded from the course website (http://dottorato.psy.unipd.it/en/content/admission). Applicants should thoroughly fill in the form with all required information. As for the Bachelor degree, please provide all required information. For the Master degree, the mean grade obtained in the exams will be considered. Honors, awards, scholarships and any other certification including those concerning English competence will be also considered. Certifications of English language competence are not mandatory. Finally, research and training experience will be evaluated. In order to submit your CV, it is MANDATORY that you USE our TEMPLATE, and that you fill out ALL fields present in the form.
	Scientific publications:	Points: max 5	Please, enter the website, if any, where your publications can be downloaded from. If a website is not available, your publications can be uploaded with the application.
	Other documents:	Points: max 25	1) Research project featuring: state of the art (500 words max.), project objectives (500 words max.), project description (700 words max.), working program (500 words max.) and references; 2) Motivation letter (500 words max.) 3) Two reference letters by either Italian or foreign researchers/professors.

Preselection: First meeting of the Evaluating Commission	**23 JUNE 2023 13:00**
Publication of the results of the evaluation of the preselection	Within **30 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **http://dottorato.psy.unipd.it/en/content/admission** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **30 JUNE 2023** the commission will publish on the course website http://dottorato.psy.unipd.it/en/content/admission the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**11 JULY 2023 09:00** - The exam may continue: It is possible that the examination will last for the following days - DPG1 hall, 4th floor of Centro Linguistico Di Ateneo building (CLA) - via Venezia, 16, Padova
Language/s	**Foreign language/s assessment at the oral examination:** The oral examination will allow the committee to assess the knowledge of the following language: English **Admission exam:** The admission exam is held in: English language
Examination topics	Those candidates who are admitted to the oral examination shall be interviewed on their research project (submitted with the application), motivation letter, and curriculum.
Didactic program	Mandatory courses focus on methodology, statistics, programming, practical and transferable skills. Students are also offered a choice of non-compulsory courses (all taught in English language). Students must attend seminars named "School Lunch" and "School Meetings", featuring, respectively, students or professors as speakers. More info at: http://dottorato.psy.unipd.it/en/content/courses
PhD Course Website:	http://dottorato.psy.unipd.it/en
Further information	**Department:** PSICOLOGIA GENERALE - DPG **Address:** Via Venezia - N. 8, 35131 Padova (PD) **Contact person:** Gabrieli Stefania **telephone**: 0498276492 **e-mail:** dottorato.psicologia@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: SCIENCES OF CIVIL, ENVIRONMENTAL AND ARCHITECTURAL ENGINEERING			
Curricula	☐ RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY ☐ 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. 8	
	Scholarships funded by external public or private bodies/Departments	n. 3	**1** scholarship funded by Dipartimento di Ingegneria civile, edile e ambientale - ICEA su fondi CCD-STeDe - **Topic:** GIScience analysis and geovisualization of climate justice (**curriculum:** RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY); **1** scholarship funded by Smart PhD 2023 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART - **Topic:** Definition of information criteria and processes for the performance optimization of indoor air conditioning system based on interoperable solutions for the integration of usage profiles, plant models, simulation environments and building management system BMS (**curriculum:** MATERIALS, STRUCTURES, COMPLEX SYSTEMS AND ARCHITECTURE); **1** scholarship funded by Smart PhD 2023 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART - **Topic:** Pyrolysis of organic residues and/or waste for their energy recovery and to generate new valueadded products that can be exploited in a circular economy perspective (**curriculum:** RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY);
	Scholarships on PNRR funds	n. 1	**1** scholarship funded by Dipartimento di Tecnica e gestione dei sistemi industriali - DTG su fondi PNRR - progetto PE2 NEST SPOKE 5: "Energy Conversion" - CUP C93C22005230007 - **Topic:** Development of advanced control algorithms and components for wave energy electrical conversion (**curriculum:** RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY);
	Scholarships Ministerial Decree 118/2023	n. 4	**1** scholarship Generico PNRR - **Topic:** Extreme event projections through novel extreme-value statistical modelling and Convection-Permitting Models in Northern Italy (**curriculum:** RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY); **1** scholarship Patrimonio Culturale - **Topic:** Post-war Italian architecture: the works of Mansutti and Miozzo. Archival itineraries, historical-constructive analysis and application of interoperable digital systems (**curriculum:** MATERIALS, STRUCTURES, COMPLEX SYSTEMS AND ARCHITECTURE);

			1 scholarship Pubblica Amministrazione - **Topic:** Risk analysis of landslide bridges and viaducts for establishing distress monitoring protocols (**curriculum:** RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY); **1** scholarship Pubblica Amministrazione - **Topic:** Techniques for the improvement of structural safety of existing bridges and viaducts (**curriculum:** MATERIALS, STRUCTURES, COMPLEX SYSTEMS AND ARCHITECTURE);
	Positions without scholarship	n. 2	
	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 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	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	**27 JUNE 2023 09:30**		
Publication of the results of the evaluation of the preselection	Within **28 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.dicea.unipd.it/dottorato/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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **28 JUNE 2023** the commission will publish on the course website https://www.dicea.unipd.it/dottorato/news the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		

Oral examination	**12 JULY 2023** 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.
Didactic program	During the first year, each PhD student has to complete his/her educational program which consists of 6 courses as follows: - 4 courses chosen among those offered by this PhD course - 2 courses chosen among those offered by this course and/or offered by other PhD courses. Educational offer of this PhD course: https://www.dicea.unipd.it/en/phd-course/training-program-courses-catalogue
PhD Course Website:	https://www.dicea.unipd.it/dottorato
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/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authmatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: SCIENCES, TECHNOLOGIES AND MEASUREMENTS FOR SPACE			
Curricula	☐ MECHANICAL MEASUREMENTS FOR ENGINEERING AND SPACE ☐ SCIENCES AND TECHNOLOGIES FOR AERONAUTICS AND SATELLITE APPLICATIONS		
Department	Centro di Ateneo di Studi e Attività Spaziali "Giuseppe Colombo" – CISAS		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 3	
	Scholarships funded by external public or private bodies/Departments	n. 2	**1** scholarship funded by Centro di ateneo di studi e attività spaziali "Giuseppe Colombo" - CISAS - **Topic:** Analysis and modelling of spacecraft fragmentation in consequence of in-orbit collisions (**curriculum:** SCIENCES AND TECHNOLOGIES FOR AERONAUTICS AND SATELLITE APPLICATIONS); **1** scholarship funded by Smart PhD 2023 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART - **Topic:** Development of wavefront modulation optical devices for Earth observation (**curriculum:** SCIENCES AND TECHNOLOGIES FOR AERONAUTICS AND SATELLITE APPLICATIONS);
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR - **Topic:** The research subject focuses on space activities in the areas described by PNRR (**curriculum:** SCIENCES AND TECHNOLOGIES FOR AERONAUTICS AND SATELLITE APPLICATIONS); **1** scholarship Pubblica Amministrazione - **Topic:** The theme is oriented to research activities applied to public administrations in relation to aerospace context (**curriculum:** SCIENCES AND TECHNOLOGIES FOR AERONAUTICS AND SATELLITE APPLICATIONS); **1** scholarship Transizioni Digitali e Ambientali - **Topic:** The research theme aims at an innovation in the field of digital and ecological transition that can lead to an improvement in private and public sectors, as described in the PNRR (**curriculum:** MECHANICAL MEASUREMENTS FOR ENGINEERING AND SPACE);
	Total number of positions	**n. 8**	
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 50 Oral examination: points max 50		

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 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor). The Master thesis project will be evaluated in relation with the research activities of the PhD course. Candidates have to attach the pdf file of the thesis. For Master thesis not in Italian or English language it is necessary to provide a summary in English (max 4 pages).
	Curriculum vitae:	Points: max 15	Use the Europass format (https://europa.eu/europass/). For each course of study: - attach suitable documentation of the exams taken with ECTS and the marks obtained - indicate the weighted average (on ECTS) with two decimal digits of the exam marks and the maximum achievable grade For each qualification obtained, indicate: - the final grade and the maximum achievable grade - the ratio (percentage) between the final grade obtained and the maximum achievable. In addition describe: any teaching or research experiences, periods spent abroad specifying the purposes, awards and / or scholarships.
	Scientific publications:	Points: max 4	Include the possible list of publications, including authors, title, date, editorial collocation, and DOI (Digital Object Identifier) if available, and a copy of each publication.
	Other documents:	Points: max 25	-Description of a potential research activity ("Project work") for the three-year PhD program (max 16,000 characters excluded the bibliography). - Two reference letters from university professors or qualified members of research institutions or industries (follow the instructions for sending these letters; do not upload the letters directly with the application). - Candidate's report on any research activities carried out. - GRE General Part, TOEFL, IELTS and similar tests if available.
	Further documents that the candidates think relevant to their evaluation:	Points: max 1	
Preselection: First meeting of the Evaluating Commission	**21 JUNE 2023 14:00**		
Publication of the results of the evaluation of the preselection	Within **23 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://cisas.unipd.it/phd-course-dottorato/39th-cycle-phd-call** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **23 JUNE 2023** the commission will publish on the course website https://cisas.unipd.it/phd-course-dottorato/39th-cycle-phd-call the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**26 JUNE 2023** 09:30 - Centro di Ateneo di Studi e Attività Spaziali "Giuseppe Colombo"- CISAS, Via Venezia 15, 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: either Italian or English
Examination topics	The oral exam consists of a discussion on the qualifications presented by the candidate, in particular on her/his knowledge/experience on topics related to the PhD course and on the "project work". Knowledge of the English language will also be verified.
Didactic program	The training program offered by the PhD course consists in dedicated courses and thematic seminars given by professors of the PhD board and international experts of the aerospace field. General and detailed information on the training program can be found on the website: https://cisas.unipd.it/phd-course-dottorato/phd-course-general-description
PhD Course Website:	https://cisas.unipd.it/phd-course-dottorato/phd-course-general-description
Further information	**Department:** Centro di Ateneo di Studi e Attività Spaziali "Giuseppe Colombo" – CISAS **Address:** Via Venezia - N. 15, 35131 Padova (PD) **Contact person:** Cesaro Novella **telephone**: +390498276857 **e-mail:** dottorato.cisas@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: SOCIAL SCIENCES – curriculum in APPLIED PSYCHOLOGY			
Department	FILOSOFIA, SOCIOLOGIA, PEDAGOGIA E PSICOLOGIA APPLICATA (FISPPA)		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 2	
	University Scholarships co-funded by the Department	n. 1	Co-funding Department: FILOSOFIA, SOCIOLOGIA, PEDAGOGIA E PSICOLOGIA APPLICATA (FISPPA)
	Scholarships Ministerial Decree 118/2023	n. 1	**1** scholarship Public administration - **Topic:** Enhancing individual competences and promoting organisational skills (**curriculum:** APPLIED PSYCHOLOGY);
	Total number of positions	**n. 4**	
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 40 Oral examination: points max 60		
Documents to be submitted	Thesis:	Points: max 5	Attach a copy of the dissertation (For applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor).
	Curriculum vitae:	Points: max 5	The CV must include the graduation marks obtained.
	Scientific publications:	Points: max 5	Attach copies of any publications or communications at congresses and conferences.
	Other documents:	Points: max 25	Outline of a research project, accompanied by bibliographical references, relevant to the research orientations and themes characterising the chosen Sociology or Applied Psychology curriculum (Max 12000 characters, bibliography excluded). In the project, the candidate must specify (in the header) the research domain or the research line to which the project refers, choosing from those explicitly indicated in the PhD course website area dedicated to the chosen curriculum: https://socialsciences.fisppa.unipd.it
Preselection: First meeting of the Evaluating Commission	**22 JUNE 2023 09:30**		

Publication of the results of the evaluation of the preselection	Within **28 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://ssu.elearning.unipd.it/mod/page/view.php?id=61599** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **28 JUNE 2023** the commission will publish on the course website https://ssu.elearning.unipd.it/mod/page/view.php?id=61599 the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**05 JULY 2023** 09:30 - The exam may continue: 06 JULY 2023 at 14.30 - Dip. FISPPA, Via Cesarotti, 10-12, 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	Social psychology, work and organisational psychology, clinical psychology, dynamic psychology, psychometrics, psychological research methodology. The examination will pay particular attention to the research topics on which the members of PhD Board and which are described on the PhD webpages referring to the Applied Psychology curriculum: https://socialsciences.fisppa.unipd.it/curriculum-in-applied-psychology/
Didactic program	In the first year, lectures and seminars will cover theories and methods from social sciences, sociology and applied psychology. Methodological workshops will cover quantitative and qualitative methods and statistics. The second and third years are research-oriented. A research period abroad is planned. http://socialsciences.fisppa.unipd.it/
PhD Course Website:	https://socialsciences.fisppa.unipd.it/it/
Further information	**Department:** FILOSOFIA, SOCIOLOGIA, PEDAGOGIA E PSICOLOGIA APPLICATA (FISPPA) **Address:** Piazza Capitaniato - N. 3, 35139 Padova (PD) **Contact person:** Pittella Antonella **telephone**: 0498274720 **e-mail:** dottorati.fisppa@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: SOCIAL SCIENCES – curriculum in SOCIOLOGY			
Department	FILOSOFIA, SOCIOLOGIA, PEDAGOGIA E PSICOLOGIA APPLICATA (FISPPA)		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 3	
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR - **Topic:** Social justice and gender equity. New forms of political participation and activism (**curriculum:** SOCIOLOGY); **1** scholarship Generico PNRR - **Topic:** Undeclared work and social inclusion (**curriculum:** SOCIOLOGY); **1** scholarship Pubblica Amministrazione - **Topic:** Public policies and innovative strategies in the field of cultural events: designing and implementing science festivals (**curriculum:** SOCIOLOGY);
	Total number of positions	**n. 6**	
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 40 Oral examination: points max 60		
Documents to be submitted	Thesis:	Points: max 5	Attach a copy of the dissertation (For applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor).
	Curriculum vitae:	Points: max 5	The CV must include the graduation marks obtained.
	Scientific publications:	Points: max 5	Attach copies of any publications or communications at congresses and conferences.
	Other documents:	Points: max 25	Outline of a research project, accompanied by bibliographical references, relevant to the research orientations and themes characterising the chosen Sociology or Applied Psychology curriculum (Max 12000 characters, bibliography excluded). In the project, the candidate must specify (in the header) the research domain or the research line to which the project refers, choosing from those explicitly indicated in the PhD course website area dedicated to the chosen curriculum: https://socialsciences.fisppa.unipd.it
Preselection: First meeting of the Evaluating Commission	**22 JUNE 2023 09:30**		
Publication of the results of the	Within **28 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following		

evaluation of the preselection	website: **https://ssu.elearning.unipd.it/mod/page/view.php?id=61599** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **28 JUNE 2023** the commission will publish on the course website https://ssu.elearning.unipd.it/mod/page/view.php?id=61599 the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	**05 JULY 2023** 09:30 - The exam may continue: 06 JULY 2023 at 14.30 - Dip. FISPPA, Via Cesarotti, 10-12, 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 pay particular attention to the three lines of research on which the members of the Teaching Board are working and which are described on the PhD web page: https://socialsciences.fisppa.unipd.it/curriculum-in-sociology/ General topics cover the following areas: General Sociology, Sociology of Cultural Processes, Sociology of Work and Migration Processes, Social Statistics and Demography and other areas of the social sciences.
Didactic program	In the first year, lectures and seminars will cover theories and methods from social sciences, sociology and applied psychology. Methodological workshops will cover quantitative and qualitative methods and statistics. The second and third years are research-oriented. A research period abroad is planned. http://socialsciences.fisppa.unipd.it/
PhD Course Website:	https://socialsciences.fisppa.unipd.it/it/
Further information	**Department:** FILOSOFIA, SOCIOLOGIA, PEDAGOGIA E PSICOLOGIA APPLICATA (FISPPA) **Address:** Piazza Capitaniato - N. 3, 35139 Padova (PD) **Contact person:** Pittella Antonella **telephone**: 0498274720 **e-mail:** dottorati.fisppa@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: STATISTICAL SCIENCES			
Department	SCIENZE STATISTICHE		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 4	
	Scholarships on PNRR funds	n. 2	**1** scholarship funded by Dipartimento di Scienze Statistiche - DSS, su fondi PNRR - progetto PE0000015 "Age-it. Ageing well in an Ageing Society" - Spoke 4 - CUP C93C22005240007 - **Topic:** Statistical models for the identification of vulnerable subjects and causal pathways that generate unhealthy aging; **1** scholarship funded by Dipartimento di Biologia - DiBio su fondi PNRR - progetto CN00000013 "National Centre for HPC, Big Data and Quantum Computing" CN1 - Affiliato Spoke 8 - "In silico medicine & Omics Data" - CUP C93C22002800006 - **Topic:** Statistical methods for single-cell transcriptomics;
	Scholarships Ministerial Decree 118/2023	n. 3	**1** scholarship Generico PNRR - **Topic:** Statistical methods and models for complex data; **1** scholarship Pubblica Amministrazione - **Topic:** Advanced statistical methods and models for monitoring drug safety; **1** scholarship Pubblica Amministrazione - **Topic:** Statistical analysis of shared mobility services in the city of Venice;
	Total number of positions	**n. 9**	
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	Curriculum vitae:	Points: max 46	The curriculum has to be prepared by filling the template CV_XXXIX available on the Course web page http://www.stat.unipd.it/ricerca/ammissione and uploading the filled template. The candidate must also upload the record of exams and marks of first and second cycle degrees.
	Scientific publications:	Points: max 3	Any books, articles or theses authored/co-authored by the candidate related to the field of studies must be listed in the template CV_XXXIX. No upload of publications files is required.

Documents to be submitted	Other documents:	Points: max 11	At most 2 reference letters. GRE, GRE Mathematics, if available; TOEFL, IELTS and similar Language certifications, if available. Summary of a master thesis project, written in the dedicated section of the template CV_XXXIX.
Preselection: First meeting of the Evaluating Commission	**21 JUNE 2023 09:00**		
Publication of the results of the evaluation of the preselection	Within **23 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.stat.unipd.it/ricerca/ammissione** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **23 JUNE 2023** the commission will publish on the course website https://www.stat.unipd.it/ricerca/ammissione the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	**26 JUNE 2023** 09:00 - The exam may continue: 27, 28 JUNE 2023 - Dipartimento di Scienze Statistiche, via C. Battisti 241, 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: English		
Examination topics	The oral exam will evaluate the scientific background of the candidate, in particular the knowledge of the course prerequisites (https://www.stat.unipd.it/sites/stat.unipd.it/files/2020_Prerequisites.pdf). English proficiency will also be evaluated. Finally, the oral exam will also ascertain the motivation, commitment and interest in pursuing a PhD programme at the University of Padua.		
Didactic program	The Course is held in English. First year: foundation courses on Functional Analysis, Probability Theory, Programming Metodologies, Theory and Methods of Inference, Statistical Models and specialised short courses and seminars. Second and third year: research and thesis preparation; Statistical Consulting course. Info: phd@stat.unipd.it; https://www.stat.unipd.it/ricerca/dottorato-di-ricerca		
PhD Course Website:	https://www.stat.unipd.it/ricerca/dottorato-di-ricerca		
Further information	**Department:** SCIENZE STATISTICHE **Address:** Via C. Battisti - N. 241, 35121 Padova (PD) **Contact person:** Ceron Susi **telephone**: +39 0498274167 **e-mail:** dottorato@stat.unipd.it		

How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: TRANSLATIONAL SPECIALISTIC MEDICINE G.B. MORGAGNI			
Curricula	☐ CLINICAL AND TRASLATIONAL NEUROSCIENCES ☐ ENDOCRINE AND METABOLIC SCIENCES ☐ CARDIOVASCULAR SCIENCES ☐ BIOSTATISTICS AND CLINIC EPIDEMIOLOGY ☐ THORACIC AND PULMONARY SCIENCES ☐ NURSING AND HEALTH SCIENCES		
Department	SCIENZE CARDIO-TORACO-VASCOLARI E SANITA' PUBBLICA		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 4	
	Scholarships funded by external public or private bodies/Departments	n. 3	**1** scholarship funded by Dipartimento di Scienze Cardio-Toraco-Vascolari e Sanità Pubblica - **Topic:** Autoantibodies tregeting G protein-coupled receptors in cardiovascular diseases: from their pathophysiologic role to their significance (**curriculum:** CARDIOVASCULAR SCIENCES); **1** scholarship funded by Dipartimento di Scienze Cardio-Toraco-Vascolari e Sanità Pubblica - **Topic:** Translational readiness: new approaches for integration and analysis of near real-time streams of data from healthcare structured database and unstructured data (**curriculum:** NURSING AND HEALTH SCIENCES); **1** scholarship funded by Dipartimento di Scienze Cardio-Toraco-Vascolari e Sanità Pubblica - **Topic:** Using predictive innovative models for analyzing disease trajectories from electronic health records and for developing new statistical approaches for large clincal trials like the TREX trial (**curriculum:** BIOSTATISTICS AND CLINIC EPIDEMIOLOGY);
	Scholarships on PNRR funds	n. 2	**1** scholarship funded by Dipartimento di Ingegneria dell'Informazione - DEI su fondi PNRR – progetto PNC0000002_DARE - Digital Lifelong Prevention - Spoke n. 3 – "Digitally-enabled secondary and tertiary prevention" - CUP B53C22006440001 - **Topic:** Models for data analysis of signals from wearable devices for estimating nutritional profiles (**curriculum:** BIOSTATISTICS AND CLINIC EPIDEMIOLOGY); **1** scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi PNRR – progetto: National Center for Gene Therapy and Drugs Based on RNA Technology Metabolic and Cardiovascular Diseases [CN3SP4] - CUP [CN00000041 – Spoke #4]) e da Dipartimento di Scienze Cardio-Toraco-Vascolari e Sanità Pubblica - a gravare su fondi del Dipartimento; PI prof.ssa Annalisa Angelini - **Topic:** Poly-lipoic acid nonoparticles for the RNA-therapy of heart failure (**curriculum:** CARDIOVASCULAR SCIENCES);

	Scholarships Ministerial Decree 118/2023	n. 4	**1** scholarship Generico PNRR - **Topic:** Innovation in biomedical research (**curriculum:** BIOSTATISTICS AND CLINIC EPIDEMIOLOGY); **1** scholarship Generico PNRR - **Topic:** Innovation in biomedical research (**curriculum:** CARDIOVASCULAR SCIENCES); **1** scholarship Pubblica Amministrazione - **Topic:** Biomedical innovation for Health System (**curriculum:** BIOSTATISTICS AND CLINIC EPIDEMIOLOGY); **1** scholarship Pubblica Amministrazione - **Topic:** Biomedical innovation for Health System (**curriculum:** NURSING AND HEALTH SCIENCES);
	Positions without scholarship	n. 8	
	Total number of positions	**n. 21**	
Selection criteria	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 of qualifications: First meeting of the Evaluating Commission	**03 JULY 2023 09:00**		
Publication of the evaluation of the qualifications	Within **04 JULY 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://phdmorgagni.dctv.unipd.it/phd/index.php**		
Publication of the remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **04 JULY 2023** the commission will publish on the course website https://phdmorgagni.dctv.unipd.it/phd/index.php the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form		
Oral examination	**05 JULY 2023** 09:00 - The exam may continue: 06 JULY 2023 at 9:00 - Biblioteca dell'Anatomia Patologica - Via A. Gabelli, 61 - Padova		
Evaluation criteria	Qualifications: points max 30 Oral examination: points max 70		
Documents to be submitted	Thesis:	Points: max 15	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum vitae:	Points: max 10	Curriculum Studiorum (ATTENTION: Including the list of exames and relative marks obtained during the degree course)

	Scientific publications:	Points: max 5	To be attached to the application

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	Cardiovascular Sciences: Experimental and molecular cardiology. Genetic. Cellular biology of the heart. Cardiovascular physiopathology. Congenital heart diseases. Cardiovascular pathology. Cardiac surgery. Angiology. Vascular surgery. Anthropology. History of Medicine. Pulmonary pathology and thoracic surgery. Endocrine and Metabolic Sciences: Stem cells/circulating endothelial progenitor cells: technical and biological aspects. The role of glication in chronic complications of diabetis. The role of glycemia non-invasive monitoring in diabetic patient. Clinical and Translational Neurosciences: New research techniques and new developments in neurogenetics; neurochemistry of the peripheral and central nervous system; neuromuscular diseases; mitochondrial and metabolic diseases; biological psychiatry; mood disorders; neuro-otology; neurorehabilitation;experimental neurosurgery. Respiratory physiology in neuromuscolar diseases. Biostatistics and Clinical Epidemiology: Statistics. Medical statistics. General and clinical epidemiology. Thoracic and Pulmonary Sciences: Lung pathophysiology. Obstructive, interstitial and oncologic lung diseases. Study of pathogenetic, pathological and immunological mechanisms of lung diseases. Thoracic surgery. Nursing and Health Sciences: Research methodology. Nursing research. Patient-reported outcomes. Clinical research.
Didactic program	The Course consists of a three step training approach. The teaching activity includes lessons, lectures, seminars, clinicopathological conferences on research topics related to the PhD Course for a required frequency of about 400 hours per year. Seminars on scientific communication, leadership and soft skills usefull for research. https://phdmorgagni.dctv.unipd.it/phd/index.php
PhD Course Website:	https://phdmorgagni.dctv.unipd.it/phd/index.php
Further information	**Department:** SCIENZE CARDIO-TORACO-VASCOLARI E SANITA' PUBBLICA **Address:** Via A. Gabelli - N. 61, 35121 Padova (PD) **Contact person:** Cervellin Alessandra **telephone**: 0498272288 **e-mail:** phd.morgagni.dctv@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**

PhD Course: VETERINARY SCIENCES AND FOOD SAFETY			
Department	MEDICINA ANIMALE, PRODUZIONI E SALUTE - MAPS		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 7	
	Scholarships funded by external public or private bodies/Departments	n. 5	**1** scholarship funded by Dipartimento di Biomedicina Comparata e Alimentazione - BCA su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "animalS and ENvironmenT: toward a sustaINablE Life" (SENTINEL) - **Topic:** Development of nanotechnological solutions for environmental monitoring and the agri-food sector; **1** scholarship funded by Dipartimento di Biomedicina Comparata e Alimentazione - BCA su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "animalS and ENvironmenT: toward a sustaINablE Life" (SENTINEL) - **Topic:** Evaluation of reproductive response to environmental challenges an animal species of veterinary interest; **1** scholarship funded by Dipartimento di Biomedicina Comparata e Alimentazione - BCA su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "animalS and ENvironmenT: toward a sustaINablE Life" (SENTINEL) - **Topic:** Persistence and genomic traceability of foodborne pathogens and spoilers; **1** scholarship funded by Dipartimento di Biomedicina Comparata e Alimentazione - BCA su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "animalS and ENvironmenT: toward a sustaINablE Life" (SENTINEL) - **Topic:** Selection and transfer of antimicrobial resistance in animals and the environment; **1** scholarship funded by Dipartimento di Biomedicina Comparata e Alimentazione - BCA su fondi Budget MUR Dipartimenti di Eccellenza 2023-2027 - Progetto "animalS and ENvironmenT: toward a sustaINablE Life" (SENTINEL) - **Topic:** Zebrafish as an excellent animal model for rapid detection, evaluation and response to emerging global health threats;

Number of positions	Scholarships Ministerial Decree 118/2023	n. 4	**1** scholarship Generico PNRR - **Topic:** Ethics in biodiversity conservation and animal welfare; **1** scholarship Generico PNRR - **Topic:** Parasitic diseases in wildlife; **1** scholarship Pubblica Amministrazione - **Topic:** Application of data-driven technologies to enhance the performance and quality of Veterinary Services in the bovine sector, easing action planning and decision-making; **1** scholarship Pubblica Amministrazione - **Topic:** The role of Invasive Alien Species in emerging infectious diseases epidemiology and their impact on ecosystem conservation: from research to policy;
	Positions without scholarship	n. 2	
	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 30 Oral examination: points max 70		
Documents to be submitted	Thesis:	Points: max 5	A copy of the Master Thesis (Pdf format). Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor.
	Curriculum vitae:	Points: max 13	- Use the Europass template and sign at the end of the document (upload as pdf format). Clearly indicate the e- mail. Clearly state: the duration of your studies, the date of achievement of the degree(s) (including both the Bachelor and the Master degrees, or the five/six year's university course) and the transcript of records. - Indicate: any visiting period spent abroad during your studies (e.g. Erasmus grants, Time, Erasmus Placement, thesis or practical abroad, etc.) or any internationalization experience; - any scholarship grant or award; training, teaching and research experiences (research grants, scholarships, and internship periods). - any soft skill; - Clearly state any certification related to the knowledge of foreign languages; - Specify all working experiences in your Home Country or abroad.
	Scientific publications:	Points: max 1	Provide the pdf version of the publications and of the publications list, inclusive of authors, title, date and editorial information.

Documents to be submitted	Other documents:	Points: max 11	1. Motivational letter including: i) Research topic (RT) and first preference project chosen from those published on the site http://www.dottorato.veterinaria.unipd.it; ii) the motivation for which the candidate wishes to do a doctorate, why in Veterinary Sciences and Food Safety and why on the specific RT (maximum 1500 characters including spaces); iii) a short (maximum 3000 characters including spaces) description of how the chosen project would be performed and what impact this could give in the specific area; iv) A SECOND RT AS SECOND CHOISE between those published on the web site for the specific call (http://www.dottorato.veterinaria.unipd.it). 2. two reference letters from Professors of Academia or other people working in scientific fields from research Institutions/Industries (excluding the potential tutor of the project).
Preselection: First meeting of the Evaluating Commission	**22 JUNE 2023 09:30**		
Publication of the results of the evaluation of the preselection	Within **23 JUNE 2023** the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: **https://www.dottorato.veterinaria.unipd.it** 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 remote oral exams calendar and instructions for using the ZOOM videoconferencing tool	By **23 JUNE 2023** the commission will publish on the course website https://www.dottorato.veterinaria.unipd.it the remote oral exams calendar and the instructions for using the ZOOM videoconferencing tool for the candidates who have asked for it in the application form and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	**26 JUNE 2023** 09:00 - The exam may continue: 27, 28, 29, 30 JUNE 2023. - Saletta riunioni Dipartimento MAPS, secondo piano Ca' Gialla, Agripolis, Viale dell'Università 16 – 35020 Legnaro (PD)		
Language/s	**Foreign language/s assessment at the oral examination:** At the oral examination the commission will assess the knowledge of the following language: English. **Admission exam:** The admission exam will be taken in Italian or English.		
Examination topics	The oral interview will consist of a discussion on: - a motivational interview, - the chosen research topic/s among those listed on the web site, -the 5 papers that will be published on the website for each topic, - the small project idea that the candidate has to write into the motivation letter on the first choice topic (see titles to present), - soft skills of the candidate, - the curriculum submitted by the candidate.		
Didactic program	Eight compulsory modules are provided on the following subjects: in-depth disciplinary, thematic or curricular courses, language and computer improvement activities, statistics, enhancement of research results and intellectual property. Eligible courses\seminars are also provided. For more details: https://www.dottorato.veterinaria.unipd.it/education		
PhD Course Website:	https://www.dottorato.veterinaria.unipd.it/		

Further information	**Department:** MEDICINA ANIMALE, PRODUZIONI E SALUTE - MAPS **Address:** Viale dell'Università - N. 16, 35020 Legnaro (PD) **Contact person:** Stivanello Simonetta **telephone**: +390498272560 **e-mail:** simonetta.stivanello@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati39** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically 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 **19 July 2023** Beginning of PhD courses **1 October 2023**