

Appendix 1 - PhD Courses

- 1. PhD Course: ASTRONOMY in agreement with Istituto Nazionale di Astrofisica - INAF**
- 2. PhD Course: BIOMEDICAL SCIENCES**
- 3. PhD Course: BIOSCIENCES**
- 4. PhD Course: BRAIN, MIND AND COMPUTER SCIENCE in agreement with Fondazione Bruno Kessler**
- 5. PhD Course: CLINICAL AND EXPERIMENTAL SCIENCES**
- 6. PhD Course: GEOSCIENCES**
- 7. PhD Course: INDUSTRIAL ENGINEERING**
- 8. PhD Course: INFORMATION ENGINEERING**
- 9. PhD Course: LAND, ENVIRONMENT, RESOURCES AND HEALTH**
- 10. PhD Course: MATERIALS SCIENCE AND TECHNOLOGY**
- 11. PhD Course: MOLECULAR MEDICINE**
- 12. PhD Course: MOLECULAR SCIENCES in agreement with CONSIGLIO NAZIONALE DELLE RICERCHE (CNR)**
- 13. PhD Course: NEUROSCIENCE**
- 14. PhD Course: ONCOLOGY AND IMMUNOLOGY**
- 15. PhD Course: PHARMACOLOGICAL SCIENCES**
- 16. PhD Course: PHYSICS in agreement with Istituto Nazionale di Fisica Nucleare – INFN**
- 17. PhD Course: SCIENCES OF CIVIL, ENVIRONMENTAL AND ARCHITECTURAL ENGINEERING**
- 18. PhD Course: SCIENCES, TECHNOLOGIES AND MEASUREMENTS FOR SPACE**
- 19. PhD Course: TRANSLATIONAL SPECIALISTIC MEDICINE G.B. MORGAGNI**
- 20. PhD Course: VETERINARY SCIENCES AND FOOD SAFETY**

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 Institution in agreement	n. 1	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;
	Scholarships funded by external public or private bodies/Departments	n. 1	1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto "Space It Up" finanziato da "Bando di finanziamento per le "Attività spaziali" (tematica 15)", Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Exoplanet search with astrometric technique: applications to nearby exoplanet systems;
	Total number of positions	n. 2	
Selection criteria	PRESELECTION ON THE BASIS OF EVALUATION OF QUALIFICATIONS AND ORAL EXAMINATION		
Oral examination via remote interview:	Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool.		
Evaluation criteria	Qualifications: points max 50 Oral examination: points max 50		
Documents to be submitted	Curriculum:	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.
Publication of the results of the evaluation of the preselection	Within 07 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 07 NOVEMBRE 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 timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	14 NOVEMBRE 2023 10:00 - Dipartimento di Fisica e Astronomia, Saletta Riunioni Vicolo Osservatorio 3, Padova		

Language/s	<p>Foreign language/s assessment at the oral examination: At the oral examination the commission will assess the knowledge of the following language: english</p> <p>Admission exam: The admission exam will be taken in: english</p>
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	<p>Department: FISICA E ASTRONOMIA "GALILEO GALILEI" - DFA</p> <p>Address: Vicolo Osservatorio - N. 3, 35122 Padova (PD)</p> <p>Contact person: Zorzi Alessandra</p> <p>telephone: 0498278261 e-mail: didattica.dfa@unipd.it</p>
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati39settembre/</p> <p>The documents must be attached in pdf format.</p> <p>The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>
Deadlines	<p>Publication of the ranking lists and enrollment from 24 November 2023</p> <p>Beginning of PhD courses 1 January 2023</p>

PhD Course: BIOMEDICAL SCIENCES			
Department	SCIENZE BIOMEDICHE - DSB		
Duration	3 years		
	Scholarships on PNRR and PRIN funds	n. 2	<p>1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea – NextGenerationEU - Progetto 2022TWRXAW_003 Functional Role of Protein Folding Intermediates: A Cross-Disciplinary Study Integrating Molecular Simulations with Biophysical and Biochemical Experiments- CUP C53D23000780001 (Area tematica: settore ERC PE3); Responsabile prof. Giovanni Minervini - Topic: The Functional Role of Protein Folding Intermediates: A Cross-disciplinary Approach;</p> <p>1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto P2022LSH5A_002 "Predictive rationalization and manipulation of cargo recruitment by the regulatory light chains of the ubiquitous kinesin-1 motor protein" – CUP C53D23007610001 (Area tematica: settore ERC LS2);- responsabile di unità prof. Roberto Steiner e su fondi Bando PRIN 2022 – finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 2022ERB7SL_001 "Molecular basis of kinesin-1 motor activation by light chain sequestration and its modulation in mitochondrial transport" - CUP C53D23004700006 (Area tematica: settore ERC LS1); responsabile scientifico prof. Roberto Steiner - Topic: A structural biology approach for the predictive rationalization and manipulation of cargo recruitment by the ubiquitous kinesin-1 motor protein;</p>
		Total number of positions	n. 2
Selection criteria	PRESELECTION ON THE BASIS OF EVALUATION OF QUALIFICATIONS AND ORAL EXAMINATION		
Oral examination via remote interview:	Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool.		

Evaluation criteria	Qualifications: points max 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 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor.
	Curriculum:	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.
Publication of the results of the evaluation of the preselection	Within 07 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 07 NOVEMBRE 2023 the commission will publish on the course website https://www.biomed.unipd.it/didattica/phd-program-biomedical-sciences/phd-applications the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	09 NOVEMBRE 2023 14:00 - Aula RL 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	<p>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</p>
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>
Deadlines	<p>Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023</p>

PhD Course: BIOSCIENCES			
Curricula	<ul style="list-style-type: none"> • 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 external public or private bodies/Departments	n. 3	<p>1 scholarship funded by Dipartimento di Biologia - DiBio su fondi SZABPRIV23_01 - Topic: The role of potassium channels in cancer (curriculum: BIOCHEMISTRY AND BIOTECHNOLOGY);</p> <p>1 scholarship funded by Dipartimento di Biologia - DiBio su fondi del progetto HORIZON "IMPACT - Cardiogenomics meets Artificial Intelligence: a step forward in arrhythmogenic cardiomyopathy diagnosis and treatment" - Topic: Identification of new therapeutic substrates for ACM by the generation and the characterization of 3D-models (curriculum: GENETICS, GENOMICS AND BIOINFORMATICS);</p> <p>1 scholarship funded by Dipartimento di Biologia - DiBio su fondi su fondi del progetto HORIZON "IMPACT - Cardiogenomics meets Artificial Intelligence: a step forward in arrhythmogenic cardiomyopathy diagnosis and treatment" - Topic: Human cardiac microtissues for studying and correcting arrhythmogenic cardiomyopathy (curriculum: GENETICS, GENOMICS AND BIOINFORMATICS);</p>
	Scholarships on PNRR and PRIN funds	n. 12	<p>1 scholarship funded by Dipartimento di Biologia - DiBio su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea – NextGenerationEU - Progetto 20222LRHCW_001 - CUP C53D23005560006 (Area tematica: settore ERC LS5) - Topic: Dysfunctional autophagy-lysosomal pathways in Parkinson's disease: interplay between Leucine-rich repeat kinase 2 (LRRK2) and p21/activated kinase 6 (PAK6) (curriculum: CELL BIOLOGY AND PHYSIOLOGY);</p> <p>1 scholarship funded by Dipartimento di Biologia - DiBio su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 20229RTWSZ_001 - CUP C53D23005650001 (Area tematica: settore ERC LS5) - Topic: Mechanisms of glia pathology in</p>

		<p>neurodegeneration (curriculum: CELL BIOLOGY AND PHYSIOLOGY); 1 scholarship funded by Dipartimento di Biologia - DiBio su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 2022HSJS4Y_001 - CUP C53D23006410006 (Area tematica: settore ERC LS4) - Topic: Targeting fibro-adipogenic precursors in cardiac fibrosis as a new therapeutic option (curriculum: GENETICS, GENOMICS AND BIOINFORMATICS); 1 scholarship funded by Dipartimento di Biologia - DiBio su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 2022HTYFEL_002 - CUP C53D23006440006 (Area tematica: settore ERC LS4) co-finanziata da dipartimento di Medicina - DIMED su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 2022E5FNL7_002 - CUP C53D23006380001, (Area tematica: settore ERC LS4) e fondi propri - Topic: Next generation approaches for dissecting the pituitary-adrenal axis (curriculum: GENETICS, GENOMICS AND BIOINFORMATICS); 1 scholarship funded by Dipartimento di Biologia - DiBio su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 2022NBFJNT_001 - CUP C53D23002220006 (Area tematica: settore ERC LS2) - Topic: Role of non coding RNAs in the modulation of mitochondrial metabolism during aging (curriculum: GENETICS, GENOMICS AND BIOINFORMATICS); 1 scholarship funded by Dipartimento di Biologia - DiBio su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 2022W45BCS_002 - CUP C53D23005730006 (Area tematica: settore ERC LS5) - Topic: A multi-dimensional analysis of cerebrospinal fluid to unravel the conundrum of the</p>
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		<p>silent disease progression in Multiple Sclerosis (curriculum: GENETICS, GENOMICS AND BIOINFORMATICS);</p> <p>1 scholarship funded by Dipartimento di Biologia - DiBio su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto P20223Y5AX_002 - CUP C53D23009200001 (Area tematica: settore ERC LS4) - Topic: Investigating epigenetic reprogramming and mitochondria-driven metabolic rewiring in cancer through multi-omic analysis (curriculum: GENETICS, GENOMICS AND BIOINFORMATICS);</p> <p>1 scholarship funded by Dipartimento di Biologia - DiBio su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto P2022MZAF8_002 - CUP C53D23009720001 (Area tematica: settore ERC LS9) e fondi Bando PRIN 2020 Progetto 2020ENH3NZ_002 - CUP C93C22000960001) (Area tematica: settore ERC LS9) - Topic: Hermetia illucens, the black soldier fly, as a biotool in organic waste management and valorization: genome editing and nutritional immunology strategies (curriculum: GENETICS, GENOMICS AND BIOINFORMATICS);</p> <p>1 scholarship funded by Dipartimento di Biologia - DiBio su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto P2022Z498J_002 - CUP C53D23009850001 (Area tematica: settore ERC LS9) - Topic: Improving photosynthetic efficiency by manipulating the redox regulation of carbon fixation (curriculum: BIOCHEMISTRY AND BIOTECHNOLOGY);</p> <p>1 scholarship funded by Dipartimento di Biologia - DiBio su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto P2022ZXWLK_001 - CUP C53D23009860001 (Area tematica: settore ERC LS9) - Topic: Analysis of the effect of flavodiiron proteins in crop plants (curriculum: BIOCHEMISTRY AND BIOTECHNOLOGY);</p> <p>1 scholarship funded by Dipartimento di Medicina</p>
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			<p>Molecolare - DMM su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 2022EC7LA_002 - CUP C53D23002160006 (Area tematica: settore ERC LS2) - Topic: Multi-omics meets artificial intelligence to decipher the role of circular RNAs in leukemias and to find new markers and therapeutic targets: focus on adult Philadelphia e Philadelphia-like acute lymphoblastic leukemia (curriculum: GENETICS, GENOMICS AND BIOINFORMATICS);</p> <p>1 scholarship funded by Dipartimento di Medicina Molecolare - DMM su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto P2022SB2CS_002 - CUP C53D23007500001 (Area tematica: settore ERC LS3) - Topic: Role of amyloid aggregation, autophagy dysfunction and neuroinflammation in Mucopolysaccharidosis type II (curriculum: CELL BIOLOGY AND PHYSIOLOGY);</p>
	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 5	Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor.
	Curriculum:	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/)
	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	
Publication of the results of the evaluation of the preselection	Within 08 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 08 NOVEMBRE 2023 the commission will publish on the course website https://dottorato.biologia.unipd.it the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	14 NOVEMBRE 2023 09:00 - The exam may continue: 15/11/2023 - 16/11/2023 - Dipartimento di Biologia - Aula seminari, secondo piano sud, Polo Vallisneri, 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 participate 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	<p>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</p>
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>
Deadlines	<p>Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023</p>

PhD Course: BRAIN, MIND AND COMPUTER SCIENCE in agreement with Fondazione Bruno Kessler			
Curricula	<ul style="list-style-type: none"> • NEUROSCIENCE, TECHNOLOGY, AND SOCIETY • COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION 		
Department	PSICOLOGIA GENERALE - DPG		
Duration	3 years		
Number of positions	Scholarships funded by external public or private bodies/Departments	n. 3	<p>1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto "Space It Up" finanziato da "Bando di finanziamento per le "Attività spaziali" (tematica 15)", Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Psychophysiological effects of spatial environment and countermeasures: role of sensory deprivation, isolation and muscle deconditioning (curriculum: NEUROSCIENCE, TECHNOLOGY, AND SOCIETY);</p> <p>1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto "Space It Up" finanziato da "Bando di finanziamento per le "Attività spaziali" (tematica 15)", Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Study of alterations induced by simulated microgravity on human brain and cognition (curriculum: NEUROSCIENCE, TECHNOLOGY, AND SOCIETY);</p> <p>1 scholarship funded by Dipartimento di Matematica "Tullio Levi-Civita" - DM - Topic: An integrated data-driven approach to improve emergency department performances (curriculum: COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);</p>
	Total number of positions	n. 3	
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 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum:	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
Publication of the results of the evaluation of the preselection	Within 10 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 10 NOVEMBRE 2023 the commission will publish on the course website http://hit.psy.unipd.it/BMCS/admission the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	13 NOVEMBRE 2023 09:30 - Sala riunioni, 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/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by		

	closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.
Deadlines	Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023

PhD Course: CLINICAL AND EXPERIMENTAL SCIENCES			
Curricula	<ul style="list-style-type: none"> • 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 external public or private bodies/Departments	n. 1	1 scholarship funded by Fondazione Villa Salus della Congregazione delle Suore Mantellate Serve di Maria di Pistoia - Topic: Endocrinology, with focus on adrenal pathologies (curriculum: ENDOCRINE-METABOLIC SCIENCES AND GENDER MEDICINE);
	Total number of positions	n. 1	
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 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum:	Points: max 5	Supply 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	
Publication of the results of the evaluation of the preselection	<p>Within 09 NOVEMBRE 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</p> <p>In order to be admitted to the examination, the candidate must get a score of at least 7/10 in the preselection.</p>		

Publication of the timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 09 NOVEMBRE 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 timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	16 NOVEMBRE 2023 14:00 - Aula 58, 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/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.
Deadlines	Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023

PhD Course: GEOSCIENCES			
Department	GEOSCIENZE		
Duration	3 years		
Number of positions	Scholarships funded by external public or private bodies/Departments	n. 3	<p>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;</p> <p>1 scholarship funded by Dipartimento di Geoscienze su fondi progetto Tethida - Topic: Effects of environmental stresses and climate change on the deterioration of coastal and underwater cultural heritage;</p> <p>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;</p>
	Total number of positions	n. 3	
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 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum:	Points: max 20	Please attach along with the curriculum vitae the transcript of records of both Bachelor 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	
Publication of the results of the evaluation of the preselection	Within 06 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 06 NOVEMBRE 2023 the commission will publish on the course website https://www.geoscienze.unipd.it/corsi/scuola-dottorato the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	08 NOVEMBRE 2023 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) Contact person: 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/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.
Deadlines	Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023

PhD Course: INDUSTRIAL ENGINEERING			
Curricula	<ul style="list-style-type: none"> • 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 external public or private bodies/Departments	n. 2	<p>1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto "Space It Up" finanziato da "Bando di finanziamento per le "Attività spaziali" (tematica 15)", Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Energy models in urban environments (curriculum: ENERGY ENGINEERING);</p> <p>1 scholarship funded by EniProgetti S.p.A. - Topic: Design optimization of a wind or solar generation plant, possibly offshore, connected to the TSO/DSO network (curriculum: ENERGY ENGINEERING);</p>
	Scholarships on PNRR and PRIN funds	n. 1	<p>1 scholarship funded by Dipartimento 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 verification of electrical machines and drives (curriculum: ELECTRICAL ENGINEERING);</p>
	Total number of positions	n. 3	
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:	Points: max 67	<p>- 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</p>

			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
Publication of the results of the evaluation of the preselection	Within 13 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 13 NOVEMBRE 2023 the commission will publish on the course website https://academics.dii.unipd.it/phd/admission the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	15 NOVEMBRE 2023 10:00 - Sala riunioni grande 3 piano, 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/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.
Deadlines	Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023

PhD Course: INFORMATION ENGINEERING			
Curricula	<ul style="list-style-type: none"> BIOENGINEERING INFORMATION SCIENCE AND TECHNOLOGY 		
Department	INGEGNERIA DELL'INFORMAZIONE - DEI		
Duration	3 years		
Number of positions	Scholarships funded by external public or private bodies/Departments	n. 3	<p>1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto "Space It Up" finanziato da "Bando di finanziamento per le "Attività spaziali" (tematica 15)", Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Artificial intelligence in and for Space (curriculum: INFORMATION SCIENCE AND TECHNOLOGY);</p> <p>1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto "Space It Up" finanziato da "Bando di finanziamento per le "Attività spaziali" (tematica 15)", Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Optical system for high power laser beam propagation in space (curriculum: INFORMATION SCIENCE AND TECHNOLOGY);</p> <p>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);</p>
	Scholarships on PNRR and PRIN funds	n. 1	<p>1 scholarship funded by Dipartimento di Ingegneria dell'Informazione DEI su fondi PNRR - Missione 4: Istruzione e ricerca Componente 2: "Dalla ricerca all'impresa" Investimento 1.3: "Creazione di Partenariati estesi alle università, ai centri di ricerca, alle aziende per il finanziamento di progetti di ricerca di base", finanziato dall'Unione Europea - NextGenerationEU Progetto "RESearch and innovation on future Telecommunications systems and networks, to make Italy more smART (RESTART)" cod. MUR PE_00000001 (Area tematica: "14. Telecomunicazioni del futuro") CUP C93C22005250001, SPOKE 7 - Topic: Radio smart environments for next-generation wireless networks (curriculum: INFORMATION SCIENCE AND TECHNOLOGY);</p>
	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 50
Oral examination: points max 50

Documents to be submitted	Curriculum:	Points: max 44	It is mandatory to use the CV template available at max 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
Publication of the results of the evaluation of the preselection	Within 09 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 09 NOVEMBRE 2023 the commission will publish on the course website https://phd.dei.unipd.it/call-for-admission/ the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	14 NOVEMBRE 2023 09:00 - The exam may continue: 15/11/2023, 16/11/2023, 17/11/2023 - Sala riunioni 201 DEI/A, Dipartimento di Ingegneria dell'informazione, Università di Padova, via Gradenigo 6/B, 35131 Padova		
Language/s	<p>Foreign language/s assessment at the oral examination: At the oral examination the commission will assess the knowledge of the following language/s: 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.</p> <p>Admission exam: The admission exam will be taken in: either in Italian or English language, as preferred by the candidate</p>		
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	<p>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</p>		

How to apply	The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.
Deadlines	Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023

PhD Course: LAND, ENVIRONMENT, RESOURCES AND HEALTH			
Department	TERRITORIO E SISTEMI AGRO-FORESTALI (TESAF)		
Duration	3 years		
Number of positions	Scholarships funded by external public or private bodies/Departments	n. 2	<p>1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto "Space It Up" finanziato da "Bando di finanziamento per le "Attività spaziali" (tematica 15)", Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Advancing extreme precipitation analysis based on an Italian high-resolution hourly precipitation dataset;</p> <p>1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto "Space It Up" finanziato da "Bando di finanziamento per le "Attività spaziali" (tematica 15)", Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Defining the climate/biodiversity relationship using multi-sensor satellite-based data;</p>
	Scholarships on PNRR and PRIN funds	n. 2	<p>1 scholarship funded by Dipartimento Territorio e sistemi agro-forestali - TESAF su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 2022HYXBFK - CUP C53D23002760006 (Area tematica: settore ERC SH1); Responsabile prof. Eugenio Pomarici - Topic: Producers, products, consumption and policy framework of dealcoholised and low-alcohol wines;</p> <p>1 scholarship funded by Dipartimento Territorio e sistemi agro-forestali - TESAF su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto P20222ERKP - CUP C53D23008720001 (Area tematica: settore ERC SH7); Responsabile dott.ssa. Catherine Dezio - Topic: SEW Line. Socio-Ecological Way for a holistic mobility infrastructure planning in periurban and rural landscape;</p>
	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 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 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor

	Curriculum:	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 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; 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	
Publication of the results of the evaluation of the preselection	<p>Within 10 NOVEMBRE 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</p> <p>In order to be admitted to the examination, the candidate must get a score of at least 7/10 in the preselection.</p>		
Publication of the timetable of remote interviews and instructions on how to use the ZOOM video conferencing	<p>By 10 NOVEMBRE 2023 the commission will publish on the course website https://www.tesaf.unipd.it/en/research/phd-lerh-program/news the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.</p>		
Oral examination	<p>15 NOVEMBRE 2023 09:00 - The exam may continue: 16/11/2023 - Aula Consiliare (3° piano; la stecca); Viale dell'Università n. 16 - 35020 Legnaro (Padova)</p>		

Language/s	<p>Foreign language/s assessment at the oral examination: At the oral examination the commission will assess the knowledge of the following language: English</p> <p>Admission exam: The admission exam will be taken in: English</p>
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	<p>Department: TERRITORIO E SISTEMI AGRO-FORESTALI (TESAF)</p> <p>Address: Viale dell'Università - N. 16, 35020 Legnaro (PD) (PD)</p> <p>Contact person: Tosatto Antonella</p> <p>telephone: (+39)0498272685 e-mail: antonella.tosatto@unipd.it</p>
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati39settembre/</p> <p>The documents must be attached in pdf format.</p> <p>The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>
Deadlines	<p>Publication of the ranking lists and enrollment from 24 November 2023</p> <p>Beginning of PhD courses 1 January 2023</p>

PhD Course: MATERIALS SCIENCE AND TECHNOLOGY			
Department	SCIENZE CHIMICHE - DiSC		
Duration	3 years		
Number of positions	Scholarships funded by external public or private bodies/Departments	n. 1	<p>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, both based on platinum-group metals (PGMs) and "PGM-free" for ion-exchange membrane fuel cells and electrolyzers;</p>
	Scholarships on PNRR and PRIN funds	n. 3	<p>1 scholarship funded by Dipartimento di Scienze Chimiche - DiSC su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea – NextGenerationEU - Progetto 2022E5L4Y2_001 A Microscopic approach to Understand Synergies in Electrocatalysis (MUSE) - CUP C53D23003780006 (Area tematica: settore ERC PE4); Responsabile prof. Stefano Agnoli - Topic: Investigation by local probes of model catalysts for the electrochemical water splitting;</p> <p>1 scholarship funded by Dipartimento di Scienze Chimiche - DiSC su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea – NextGenerationEU - Progetto 2022FM3LXT_001 A Combined Experimental and Theoretical Approach for Single-Atom Catalyst Engineering Towards Tuneable Activity and Selectivity in CO₂ electroreduction (RECYCLE-CO₂) - CUP C53D23003800006 (Area tematica: settore ERC PE4); Responsabile prof.ssa Laura Calvillo Lamana - Topic: Single/dual-atom catalysts engineering towards tunable activity and selectivity in the electrochemical reduction of CO₂;</p> <p>1 scholarship funded by Dipartimento di Scienze Chimiche - DiSC su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea – NextGenerationEU - Progetto 2022KPK8WM_001 PhotoelectRO catalytic Modules for OxidatiVe C-H activatiOn (PROMETEO) - CUP C53D23004500006 (Area tematica: settore ERC PE5); Responsabile prof. Andrea Sartorel - Topic: Photoelectrochemical synthesis towards C-H activation and carbon dioxide fixation;</p>

	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 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 December 31st, 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:	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
Publication of the results of the evaluation of the preselection	Within 07 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 07 NOVEMBRE 2023 the commission will publish on the course website https://phd.chimica.unipd.it/mst/results the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	13 NOVEMBRE 2023 14:30 - The exam may continue: 14/11/2023 - Dip. di Scienze Chimiche (AULA E) Via F. Marzolo 1 35131, Padova		

Language/s	<p>Foreign language/s assessment at the oral examination: At the oral examination the commission will assess the knowledge of the following language/s: English</p> <p>Admission exam: The admission exam will be taken in: Italian or English</p>
Examination topics	<p>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)</p>
Didactic program	<p>- 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</p>
PhD Course Website:	<p>https://phd.chimica.unipd.it/mst/</p>
Further information	<p>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</p>
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>
Deadlines	<p>Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023</p>

PhD Course: MOLECULAR MEDICINE			
Curricula	<ul style="list-style-type: none"> • BIOMEDICINE • REGENERATIVE MEDICINE 		
Department	MEDICINA MOLECOLARE - DMM		
Duration	3 years		
	Scholarships on PNRR and PRIN funds	n. 2	<p>1 scholarship funded by Dipartimento di Medicina Molecolare - DMM su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto P20222YKP8_002 - CUP C53D23007370001 (Area tematica: settore ERC LS6) - Responsabile prof.ssa Arianna Loregian, e finanziamento AIRC IG 2021 - Topic: Study of viral pathogenesis mechanisms in 2D and 3D cellular models (curriculum: BIOMEDICINE);</p> <p>1 scholarship funded by Dipartimento di Medicina molecolare - DMM su fondi su fondi PNRR -progetto INF-ACT One Health Basic and translational Research Actions addressing Unmet Needs on Emerging Infectious Diseases, Spoke 2, MUR PE_00000007 - CUP C93C22005170007; responsabile scientifico Prof.ssa Sara Richter - Topic: Identification of non-canonical nucleic acid structures and their interacting proteins in virus-infected cells as novel antiviral targets (curriculum: BIOMEDICINE);</p>
	Total number of positions	n. 2	
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.		
Publication of the evaluation of the qualifications	Within 10 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 10 NOVEMBRE 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 timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview		
Oral examination	13 NOVEMBRE 2023 09:00 - The exam may continue: 14/11/2023 - Auletta Seminari 4° piano Nord, Complesso Vallisneri, Via U.Bassi 8, 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 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum:	Points: max 5	To be submitted in PDF format.
	Scientific publications:	Points: max 3	Each publication must be submitted in PDF format.
Language/s	<p>Foreign language/s assessment at the oral examination: At the oral examination the commission will assess the knowledge of the following language/s: English.</p> <p>Admission exam: The admission exam will be taken in: Italian or in English.</p>		
Examination topics	<p>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 IRRESPECTIVELY FROM THE SCORE OBTAINED IN THE QUALIFICATIONS ASSESSMENT</p>		
Didactic program	<p>The didactic program includes practical laboratory and internal seminar activities, seminars 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</p>		
PhD Course Website:	<p>https://www.medicinamolecolare.unipd.it/ricerca/dottorati-di-ricerca/phd-molecular-medicine</p>		
Further information	<p>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</p>		
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>		
Deadlines	<p>Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023</p>		

PhD Course: MOLECULAR SCIENCES
in agreement with CONSIGLIO NAZIONALE DELLE RICERCHE (CNR)

Curricula	<ul style="list-style-type: none"> • CHEMICAL SCIENCES • PHARMACEUTICAL SCIENCES 		
Department	SCIENZE CHIMICHE - DiSC		
Duration	3 years		
Number of positions	Scholarships funded by the Institution in agreement	n. 1	<p>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);</p>
	Scholarships funded by external public or private bodies/Departments	n. 2	<p>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);</p> <p>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);</p>
	Scholarships on PNRR and PRIN funds	n. 7	<p>1 scholarship funded by Dipartimento di Biologia - DiBio su fondi PNRR - progetto CN 1 Spoke 8 - "National Centre for HPC, Big Data and Quantum Computing" CUP C93C22002800006 - Responsabile: Prof.ssa Laura Orian - Topic: Development and use of computational methods for bioinspired drug-like molecules repurposing and design (curriculum: CHEMICAL SCIENCES);</p> <p>1 scholarship funded by Dipartimento di Scienze Chimiche - DISC su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 20229AKSTK_001 Electrochemical conversion of carbon dioxide: towards sustainable electrochemical production of formic acid - CUP C53D23003750006 (Area tematica: settore ERC PE4); Responsabile prof. Abdirisak Ahmed Isse, e Progetto 2022A58EE5_001 BIOcatalytic controlled radical polymerization within emulsions: Sustainable</p>

		<p>polymerization of COMmodity MONomers (BIOCOMMON) - CUP C53D23004400006 (Area tematica: settore ERC PE5) Responsabile prof. Marco Fantin - Topic: Electrochemical activation of small molecules: electrocatalysts and electrocatalytic electrode materials from atom transfer radical polymerization (curriculum: CHEMICAL SCIENCES);</p> <p>1 scholarship funded by Dipartimento di Scienze Chimiche - DISC su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea – NextGenerationEU - Progetto 2022TSB8P7_001 Dissipative DNA nanotechnology for programming chemical functions in time (DNAtime) - CUP C53D23004570006 (Area tematica: settore ERC PE5); Responsabile prof. Leonard Jan Prins - Topic: Dissipative systems for operating chemical functions in the time domain (curriculum: CHEMICAL SCIENCES);</p> <p>1 scholarship funded by Dipartimento di Scienze Chimiche DiSC su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea – NextGenerationEU - Progetto 2022CXHY3A_003 Enhancing Circularly Polarised Emitters Quantum Efficiency Exploiting Singlet-Triplet Inversion – INVESTCPE - CUP C53D23003770006 (Area tematica: settore ERC PE4); Responsabile prof. Cristiano Zonta - Topic: Synthesis of Supramolecular Architectures with Enhanced Chiroptical Activity (curriculum: CHEMICAL SCIENCES);</p> <p>1 scholarship funded by Dipartimento di Scienze Chimiche DiSC su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea – NextGenerationEU - Progetto 2022W9XTYB_001 ENZYLEARNING – A multiscale stochastic approach to enzyme catalysis: development of a training set for the machine learning aided design of efficient enzymes for plastics depolymerization - CUP C53D23003870006 (Area tematica: settore ERC PE4); Responsabile prof. Mirco Zerbetto - Topic: Development and implementation of quantum-classical stochastic methods for the calculation of kinetic rates of elementary reactions in simple and complex condensed phases (curriculum: CHEMICAL SCIENCES);</p> <p>1 scholarship funded by Dipartimento di Scienze Chimiche DiSC su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo</p>
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			<p>per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea – NextGenerationEU - Progetto P20224N3WK_001 Photothermal catalysis at the nanoscale (NANOTHERM) - CUP C53D23007830001 (Area tematica: settore ERC PE5); Responsabile prof. Fabrizio Mancin - Topic: Design and synthesis of photothermal probes for the study of plasmonic nanoabsorbers (curriculum: CHEMICAL SCIENCES);</p> <p>1 scholarship funded by Dipartimento di Scienze Chimiche DiSC su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea – NextGenerationEU - Progetto P2022WLAY7_002 Chiral SUPRAMolecular Assemblies for Sustainable PHOTOCHEMical CO2 Valorisation SupraPhotoChem - CUP C53D23007790001 (Area tematica: settore ERC PE4); Responsabile prof. Luca Dell'Amico - Topic: Design, synthesis and evaluation of novel organic photocatalysts for sustainable organic transformations (curriculum: CHEMICAL SCIENCES);</p>
	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 4	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum:	Points: max 23	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 12	1) Original research project to be carried out during the PhD (max. 2 pages, font: 11, line spacing: 1.1). The project must be consistent with at least one of the themes of the scholarships available 2) Up to 2 letters of reference from Italian or foreign faculties and/or experts 3) Awards obtained relevant to the study path
Publication of the results of the evaluation of the preselection	Within 10 NOVEMBRE 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 In order to be admitted to the examination, the candidate must get a score of at least 7/10 in the preselection.		
Publication of the timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 10 NOVEMBRE 2023 the commission will publish on the course website https://phd.chimica.unipd.it/cdsm/admission/results-ranking the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	14 NOVEMBRE 2023 14:30 - The exam may continue: 16/11/2023 - Aula E, Dipartimento di Scienze Chimiche, Via 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: english		
Examination topics	The oral exam will consist of an interview aimed at ascertaining the academic preparation, project-elaboration ability and motivational aspects of the candidates.		
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/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.		
Deadlines	Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023		

PhD Course: NEUROSCIENCE			
Department	Centro di Ateneo "Padova Neuroscience Center"		
Duration	3 years		
	Scholarships on PNRR and PRIN funds	n. 3	<p>1 scholarship funded by Dipartimento di Neuroscienze - DNS su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto P2022W28TX_002 – CUP C53D23008510001 - (Area tematica: settore ERC LS5); Responsabile prof. Fabio Sambataro - Topic: The schizophrenia-bipolar disorder continuum: biological correlates of mood-related symptoms in schizophrenia as a function of genetic load for bipolar disorder;</p> <p>1 scholarship funded by Dipartimento di Psicologia Generale - DPG su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 2022XKZBFC_002 - CUP C53D23004300001 (Area tematica: settore ERC SH4); Responsabile prof.ssa Cristina Scarpazza - Topic: The influence of emotions on action control: brain network plasticity and potential trans-diagnostic applications;</p> <p>1 scholarship funded by Dipartimento di Psicologia Generale - DPG su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto P20223PTH4_001 - CUP C53D23009000001 (Area tematica: settore ERC SH4); Responsabile prof. Simone Messerotti Benvenuti - Topic: Pathways to Anhedonia: deconstruCTIng Vulnerability and training the Appetitive sysTEm in the brain - ACTIVATE;</p>
	Total number of positions	n. 3	
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 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum:	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)
Publication of the results of the evaluation of the preselection	Within 07 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 07 NOVEMBRE 2023 the commission will publish on the course website https://pnc.unipd.it/admission/ the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	15 NOVEMBRE 2023 09:00 - Sala Polivalente VIMM, Via Orus 2, Palazzina A, 35129, 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/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.
Deadlines	Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023

PhD Course: ONCOLOGY AND IMMUNOLOGY			
Department	SCIENZE CHIRURGICHE ONCOLOGICHE E GASTROENTEROLOGICHE-DiSCOG		
Duration	3 years		
Number of positions	Scholarships funded by external public or private bodies/Departments	n. 1	1 scholarship funded by Dipartimento di Scienze chirurgiche oncologiche e gastroenterologiche - DiSCOG su fondi del progetto "Adjuvant Treatment for High-risk Triple Negative Breast Cancer Patients with the Anti-PD-L1 Antibody Avelumab: A Phase III randomized trial (A Brave Trial)" - Topic: Analysis of clinical-pathological features and tumor microenvironment in early-onset squamous cell carcinoma of the oral cavity;
	Total number of positions	n. 1	
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 31st December 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:	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).

Publication of the results of the evaluation of the preselection	Within 06 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 06 NOVEMBRE 2023 the commission will publish on the course website https://www.discog.unipd.it/doctorate/students the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	07 NOVEMBRE 2023 14:00 - 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/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.
Deadlines	Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023

PhD Course: PHARMACOLOGICAL SCIENCES			
Department	SCIENZE DEL FARMACO - DSF		
Duration	3 years		
	Scholarships on PNRR and PRIN funds	n. 1	1 scholarship funded by Dipartimento di Scienze del Farmaco - DSF su fondi Bando PRIN 2022 PNRR - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea – NextGenerationEU - Progetto P20225HP4C_001 - CUP C53D23009430001 (Area tematica: settore ERC LS7); Responsabile prof. Girolamo Calo' - Topic: NOP receptor active structure, transducerome, and biased signaling;
	Total number of positions	n. 1	
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 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum:	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
Publication of the results of the evaluation of the preselection	Within 07 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 07 NOVEMBRE 2023 the commission will publish on the course website https://www.dsfarm.unipd.it/ricerca/phd-graduate-programs/phd-degree-program-pharmacological-sciences the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	14 NOVEMBRE 2023 09:30 - Aula J, 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/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.
Deadlines	Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023

PhD Course: PHYSICS
in agreement with Istituto Nazionale di Fisica Nucleare – INFN

Department	FISICA E ASTRONOMIA "GALILEO GALILEI" - DFA		
Duration	3 years		
Number of positions	Scholarships funded by external public or private bodies/Departments	n. 2	<p>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;</p> <p>1 scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi del progetto ERC Advanced Grant: GLAXES - X-ray-induced fluidization: a non-equilibrium pathway to reach glasses at the extremes of their stability range (CUP: C93C20000120006); PI prof. Giulio Monaco - Topic: Thermodynamic and elastic properties of X-ray irradiated glasses;</p>
	Scholarships on PNRR and PRIN funds	n. 1	<p>1 scholarship funded by Dipartimento di Fisica e Astronomia "Galileo Galilei" - DFA su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 2022EREM99_001 - CUP C53D23000710006 (Area tematica: settore ERC PE3); Responsabile prof. Annamaria Zaltron - Topic: Investigation of allosterically regulated DNA-biosensors by single-molecule experiments with Optical Tweezers;</p>
	Total number of positions	n. 3	
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 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum:	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.
Publication of the results of the evaluation of the preselection	Within 10 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 10 NOVEMBRE 2023 the commission will publish on the course website https://www.dfa.unipd.it/didattica/dottorati-di-ricerca/phd-physics/ the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	15 NOVEMBRE 2023 09:00 - Aula R, 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/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.		
Deadlines	Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023		

PhD Course: SCIENCES OF CIVIL, ENVIRONMENTAL AND ARCHITECTURAL ENGINEERING			
Curricula	<ul style="list-style-type: none"> • RISK, VULNERABILITY, ENVIRONMENT, HEALTH AND TERRITORY • MATERIALS, STRUCTURES, COMPLEX SYSTEMS AND ARCHITECTURE 		
Department	INGEGNERIA CIVILE, EDILE E AMBIENTALE - ICEA		
Duration	3 years		
	Scholarships on PNRR and PRIN funds	n. 2	<p>1 scholarship funded by Dipartimento di Ingegneria Civile, Edile e Ambientale - ICEA su fondi PNRR - progetto PE3 "Multi Risk Resilience of Critical Infrastructures" RETURN -TS2 SPOKE 6 - CUP C93C22005160002 - Topic: Modelling of degradation phenomena and residual life estimates in bridge infrastructures (curriculum: MATERIALS, STRUCTURES, COMPLEX SYSTEMS AND ARCHITECTURE);</p> <p>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);</p>
	Total number of positions	n. 2	
Selection criteria	PRESELECTION ON THE BASIS OF EVALUATION OF QUALIFICATIONS AND ORAL EXAMINATION		
Oral examination via remote interview:	Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool.		
Evaluation criteria	Qualifications: points max 60 Oral examination: points max 40		
Documents to be submitted	Thesis:	Points: max 5	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum:	Points: max 20	
	Scientific publications:	Points: max 5	
	Other documents:	Points: max 30	Research project. Reference letters (maximum 2).

Publication of the results of the evaluation of the preselection	<p>Within 06 NOVEMBRE 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</p> <p>In order to be admitted to the examination, the candidate must get a score of at least 7/10 in the preselection.</p>
Publication of the timetable of remote interviews and instructions on how to use the ZOOM video conferencing	<p>By 06 NOVEMBRE 2023 the commission will publish on the course website https://www.dicea.unipd.it/dottorato/news the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.</p>
Oral examination	<p>13 NOVEMBRE 2023 10:00 - Aula Donghi, Dipartimento di Ingegneria Civile, Edile e Ambientale. Via Marzolo 9, 35131 Padova.</p>
Language/s	<p>Foreign language/s assessment at the oral examination: At the oral examination the commission will assess the knowledge of the following language/s: ENGLISH</p> <p>Admission exam: The admission exam will be taken in: ITALIAN or ENGLISH</p>
Examination topics	<p>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.</p>
Didactic program	<p>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</p>
PhD Course Website:	<p>https://www.dicea.unipd.it/dottorato</p>
Further information	<p>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</p>
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati39settembre/</p> <p>The documents must be attached in pdf format.</p> <p>The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>
Deadlines	<p>Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023</p>

PhD Course: SCIENCES, TECHNOLOGIES AND MEASUREMENTS FOR SPACE		
Curricula	<ul style="list-style-type: none"> • 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 external public or private bodies/Departments	<p>n. 8</p> <p>1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto “Space It Up” finanziato da “Bando di finanziamento per le “Attività spaziali” (tematica 15)”, Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Design of infrastructures for implementation and operations of sustainable exploration architecture and for robotic exploration (curriculum: Mechanical Measurements for Engineering and Space);</p> <p>1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto “Space It Up” finanziato da “Bando di finanziamento per le “Attività spaziali” (tematica 15)”, Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Development of an innovative numerical model for the analysis of electric plasma thrusters (curriculum: Sciences and Technologies for Aeronautics and Satellite Applications);</p> <p>1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto “Space It Up” finanziato da “Bando di finanziamento per le “Attività spaziali” (tematica 15)”, Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Fluid dynamics modeling of the Martian atmosphere (curriculum: Sciences and Technologies for Aeronautics and Satellite Applications);</p> <p>1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto “Space It Up” finanziato da “Bando di finanziamento per le “Attività spaziali” (tematica 15)”, Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Free-form optics for nano/cubesat payloads (curriculum: Sciences and Technologies for Aeronautics and Satellite Applications);</p> <p>1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto “Space It Up” finanziato da “Bando di finanziamento per le “Attività spaziali” (tematica 15)”, Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Lunar and Martian Planetary Analogues: Geological Characterization Towards the Future Planetary Exploration (curriculum: Sciences and Technologies for Aeronautics and Satellite Applications);</p> <p>1 scholarship funded by Centro di Ateneo Studi e attività spaziali "Giuseppe Colombo" – CISAS su fondi del progetto “Space It Up” finanziato da</p>

			<p>"Bando di finanziamento per le "Attività spaziali" (tematica 15)", Prot. CI-2022-DSR-042 del 18 luglio 2022 ASI - Topic: Monolithic active pixel sensors for nano/cubesat payloads (curriculum: Sciences and Technologies for Aeronautics and Satellite Applications);</p> <p>1 scholarship funded by Centro di ateneo di studi e attività spaziali "Giuseppe Colombo" - CISAS su fondi esterni ASI - Topic: Analysis of satellite collisions with space debris (curriculum: Sciences and Technologies for Aeronautics and Satellite Applications);</p> <p>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);</p>
	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 31st December 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:	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	
Publication of the results of the evaluation of the preselection	Within 08 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 08 NOVEMBRE 2023 the commission will publish on the course website https://cisas.unipd.it/phd-course-dottorato/39th-cycle-phd-call the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.		
Oral examination	09 NOVEMBRE 2023 11:00 - Saletta riunioni, 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	<p>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</p>
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>
Deadlines	<p>Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023</p>

PhD Course: TRANSLATIONAL SPECIALISTIC MEDICINE G.B. MORGAGNI			
Curricula	<ul style="list-style-type: none"> • 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 external public or private bodies/Departments	n. 2	<p>1 scholarship funded by Azienda Ospedaliero-Universitaria di Ferrara - Topic: Innovative Solutions for Early-Phase Clinical Trial Challenges: Integrating Statics and Machine Learning (curriculum: BIOSTATISTICS AND CLINIC EPIDEMIOLOGY);</p> <p>1 scholarship funded by Dipartimento di Scienze Cardio-Toraco-Vascolari e Sanità Pubblica su fondi INAIL - Bando Ricerche in collaborazione - BRIC 2022 - Tematica ID 66 "Studi analitici ed ecologici per lo sviluppo della sorveglianza epidemiologica delle malattie amianto correlate ed aggiornamento degli strumenti operativi della rete di registrazione dei casi incidenti di mesotelioma" (CUP C43C23000010006) e co-finanziata su fondi CATE_FAR23_03 - Topic: Analytical and ecological studies for epidemiological surveillance of asbestos-related diseases and updating of the operational tools of the mesothelioma incident case registration network (curriculum: BIOSTATISTICS AND CLINIC EPIDEMIOLOGY);</p>
	Scholarships on PNRR and PRIN funds	n. 2	<p>1 scholarship funded by Dipartimento Territorio e Sistemi Agro-Forestali - TESAF su fondi ando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 202258ACSL_001 - CUP C53D23001960006 (Area tematica: settore ERC PE10)- Responsabile prof. Francesco Pirotti co-finanziata da dipartimento di Scienze Cardio-Toraco-Vascolari e Sanità Pubblica - Topic: Geo-Intelligence for improved air quality monitoring and analysis (curriculum: BIOSTATISTICS AND CLINIC EPIDEMIOLOGY);</p> <p>1 scholarship funded by Dipartimento di Salute della Donna e del Bambino - SDB su fondi Bando PRIN 2022 - finanziamento PNRR - Missione 4: Istruzione e ricerca - Componente 2 - Investimento 1.1 "Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)", finanziato dall'Unione Europea - NextGenerationEU - Progetto 2022TPLL5A_001 - CUP C53D23006230006 (Area tematica: settore</p>

			ERC LS7) - Responsabile prof.ssa Silvia Bressan, co-finanziata da dipartimento di Scienze Cardio-Toraco-Vascolari e Sanità Pubblica - Topic: Connecting and Analyzing Electronic Health Records of Pediatric Emergency Departments in Italy: towards new frontiers from prevention to delivery of best care and health service organization strategies (ConnAEctH PED) (curriculum: BIOSTATISTICS AND CLINIC EPIDEMIOLOGY);
	Total number of positions	n. 4	
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.		
Publication of the evaluation of the qualifications	Within 06 NOVEMBRE 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 timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 10 NOVEMBRE 2023 the commission will publish on the course website https://phdmorgagni.dctv.unipd.it/phd/index.php the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview		
Oral examination	06 NOVEMBRE 2023 09:30 - Auletta Esercitazioni 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 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum:	Points: max 10	Curriculum Studiorum (ATTENTION: Including the list of exams 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		

	<p>progenitor cells: technical and biological aspects. The role of glycation in chronic complications of diabetes. 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 neuromuscular 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.</p>
Didactic program	<p>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 useful for research. https://phdmorgagni.dctv.unipd.it/phd/index.php</p>
PhD Course Website:	<p>https://phdmorgagni.dctv.unipd.it/phd/index.php</p>
Further information	<p>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</p>
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.</p>
Deadlines	<p>Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023</p>

PhD Course: VETERINARY SCIENCES AND FOOD SAFETY			
Department	MEDICINA ANIMALE, PRODUZIONI E SALUTE - MAPS		
Duration	3 years		
	Scholarships on PNRR and PRIN 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 - Spoke 1, MUR PE_00000007 - CUP C93C22005170007 - Topic: Development of a platform for the identification and phenotyping of emerging type A influenza viruses with pandemic potential;
	Total number of positions	n. 1	
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	Pdf format of a copy of the Master Thesis. Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 31st December 2023 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor.
	Curriculum:	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.
	Other documents:	Points: max 11	1. Motivational letter including: i) Research topic (RT) and first preference project chosen from those published on the site

		<p>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).</p>
Publication of the results of the evaluation of the preselection	<p>Within 08 NOVEMBRE 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.</p>	
Publication of the timetable of remote interviews and instructions on how to use the ZOOM video conferencing	<p>By 08 NOVEMBRE 2023 the commission will publish on the course website https://www.dottorato.veterinaria.unipd.it the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.</p>	
Oral examination	<p>14 NOVEMBRE 2023 15:00 - The exam may continue: 16/11/2023 - Saletta riunioni Dipartimento MAPS, secondo piano Cà Gialla, Agripolis, Viale dell'Università 16 – 35020 Legnaro (PD)</p>	
Language/s	<p>Foreign language/s assessment at the oral examination: At the oral examination the commission will assess the knowledge of the following language: English. Admission exam: The admission exam will be taken in Italian or English.</p>	
Examination topics	<p>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.</p>	
Didactic program	<p>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</p>	
PhD Course Website:	<p>https://www.dottorato.veterinaria.unipd.it/</p>	
Further information	<p>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</p>	

How to apply	The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati39settembre/ The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So no hard copy of the application and of the documents must be sent to the office.
Deadlines	Publication of the ranking lists and enrollment from 24 November 2023 Beginning of PhD courses 1 January 2023