PhD Course: TRANSLATIONAL SPECIALISTIC MEDICINE G.B. MORGAGNI			
Curricula	• CLINICAL AND TRASLATIONAL NEUROSCIENCES • ENDOCRINE AND METABOLIC SCIENCES • CARDIOVASCULAR SCIENCES • BIOSTATISTICS AND CLINIC EPIDEMIOLOGY • THORACIC AND PULMONARY SCIENCES • NURSING AND HEALTH SCIENCES		
Department	SCIENZE CARDIO-TORACO-VASCOLARI E SANITA' PUBBLICA		
Duration	3 years		
Number of positions	Scholarships funded by external public or private bodies/Departments	n. 6	**1** scholarship funded by Associazione Sclerosi Laterale Amiotrofica (ASLA) APS - Sezione di Pordenone - **Topic:** Muscle-Derived Biomarkers: A New Frontier in ALS Diagnosis and Monitoring (**curriculum:** CLINICAL AND TRASLATIONAL NEUROSCIENCES); **1** scholarship funded by Delta Group Agroalimentare S.p.A. - **Topic:** Advanced Imaging in Fetuses with Thoracic Anomalies: Impact of In-Utero Surgery on Cardiac Function (**curriculum:** NURSING AND HEALTH SCIENCES); **1** scholarship funded by Dipartimento di Scienze Cardio-Toraco-Vascolari e Sanità Pubblica su fondi PRIN 2022 DD 104 del 02/02/2022 2022°8T4FM "Fighting Infections by acting on a Neural reflex that inhibits the Immune System (FINIS)" - CUP C53C24001080001 e fondi di Dipartimento - **Topic:** Fighting Infections by acting on a Neural reflex that inhibits the Immune System (FINIS) (**curriculum:** BIOSTATISTICS AND CLINIC EPIDEMIOLOGY); **1** scholarship funded by Dipartimento di Scienze Cardio-Toraco-Vascolari e Sanità Pubblica su fondi Progetto ACCORDO REGBAS/ISS [PROGETTO LUCAS] - CUP: G46C21000000009 - **Topic:** Uncertainty, evidente synthesis and risk communication in spatio-temporal epidemiology (**curriculum:** BIOSTATISTICS AND CLINIC EPIDEMIOLOGY); **1** scholarship funded by Dipartimento di Scienze CardioToraco-Vascolari e Sanità Pubblica su fondi progetto ARCHANGEL - Accelerating Biomedical ResearCH with Artificial INtelliGence and FEderated Learning - Advancing Security, Speed and Safety in Cooperative Studies" - CUP: C93C23009500001 - **Topic:** ARCHANGEL - Accelering Biomedical ResearCH with Artificial INtelliGence and FEderate Learning - Advancing Security, Speed and Safety in Cooperative Studies (**curriculum:** THORACIC AND PULMONARY SCIENCES); **1** scholarship funded by Istituto Superiore di Sanità - **Topic:** Bayesian spatial and spatio-temporal methods for the analysis of disease risk using current healthcare databases (**curriculum:** BIOSTATISTICS AND CLINIC EPIDEMIOLOGY);

	Positions without scholarship	n. 7	
	Total number of positions	**n. 13***	

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 SEPTEMBER 2025** 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 SEPTEMBER 2025 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	11 SEPTEMBER 2025 09:00 - Biblioteca dell'Anatomia Patologica, Via A. Gabelli, 61 - Padova
Evaluation criteria	Qualifications: points max 30 Oral examination: points max 70

Documents to be submitted	Thesis:	Points: max 15	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 31st October 2025 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor) UPLOADING THE DISSERTATION FILE
	Curriculum:	Points: max 10	Curriculum Studiorurm (ATTENTION: The Curriculum Studiorum also includes the list of examens and relative marks obtained - average - during the degree course)
	Scientific publications:	Points: max 5	To be attached to the application (NO abstracts)

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. ENDOCRINE AND METABOLIC SCIENCES: Stem cells/circulating endothelial progenitor cells: technical and biological aspects. The role of glication in chronic complications of diabetis. The role of glycemia non-invasive monitoring in diabetic patient. CLINICAL AND TRANSLATIONAL NEUROSCIENCES: New research techniques and new developments in neurogenetics; neurochemistry of the peripheral and central nervous system; neuromuscular diseases; mitochondrial and metabolic diseases; biological psychiatry; mood disorders; neuro-otology; neurorehabilitation; experimental neurosurgery. Respiratory physiology in neuromuscolar diseases. BIOSTATISTICS AND CLINICAL EPIDEMIOLOGY: Statistics. Medical statistics. General and clinical epidemiology. THORACIC AND PULMONARY SCIENCES: Lung pathophysiology. Obstructive, interstitial and oncologic lung diseases. Study of pathogenetic, pathological and immunological mechanisms of lung diseases. Thoracic surgery. NURSING AND HEALTH SCIENCES: Research methodology. Nursing research. Patient-reported outcomes. Clinical research.
PhD Course Website:	https://phdmorgagni.dctv.unipd.it/phd/index.php
Further information	**Department:** SCIENZE CARDIO-TORACO-VASCOLARI E SANITA' PUBBLICA **Address:** Via Via Giustiniani - N. 2, 35128 Padova (PD) **Contact person:** Cervellin Alessandra **telephone**: +39 049 8272288 **e-mail:** phd.morgagni.dctv@unipd.it
How to apply	The application must be submitted only via the online procedure available at: **https://pica.cineca.it/unipd/dottorati41luglio** The documents must be attached in pdf format. The application and the attached documents are submitted authomatically by closing the online procedure, so no hard copy of the application and of the documents must be sent to the office.
Deadlines	Publication of the ranking lists and enrollment from **24 September 2025** Beginning of PhD courses **1 November 2025**

* CANCELLED SCHOLARSHIPS DUE TO UNCONFIRMED FUNDING

- n **1** scholarship funded by Agenzia per la Cybersicurezza Nazionale - ACN **- Topic:** Development of a framework based on Federated Learning for Cybersecurity in Health Crisis Management and Forecasting Future Risks (**curriculum:** BIOSTATISTICS AND CLINIC EPIDEMIOLOGY);