






Annex 1 to the UNIPHD Call (Academic Year 2023/24)**Doctoral Courses & Research topics – PhDs are listed in alphabetical order per scientific domain**Research topics:  | Host Department:  | PhD Course Website: 




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LIFE SCIENCES DOMAIN (LS)	
Arterial hypertension and vascular biology¹	
	a) Hyperaldosteronism and atrial fibrillation b) Detection of secondary arterial hypertension: focus on primary aldosteronism
	Department of Medicine
	https://www.medicinadimed.unipd.it/corsi/dottorati-di-ricerca/dottorati-internazionali/international-phd-program-arterial-hypertension
Translational specialist medicine “G.B. Morgagni”	
	a) Diabetes and its chronic complications
	Department of Cardiac, Thoracic, Vascular Sciences and Public Health
	http://phdmorgagni.dctv.unipd.it/phd/index.php
PHYSICAL SCIENCES AND ENGINEERING (PE)	
Brain, mind and computer science (interdisciplinary course between PE and LS)	
	b) Neuroscience, technology and society
	Department of General Psychology
	http://hit.psy.unipd.it/BMCS
Geosciences	
	a) Deep Earth’s volatile cycle: processes, fluxes and metasomatism
	Department of Geosciences
	https://www.geoscienze.unipd.it/corsi/scuola-dottorato
Information engineering	
	a) Wireless communications and machine learning for mission-critical applications
	Department of Information Engineering
	https://phd.dei.unipd.it/
Land, environment, resources and health (interdisciplinary course between PE and LS)	
	b) Projected changes in flood occurrence at convection-permitting scale across an alpine transect
	Department of Land, Environment, Agriculture and Forestry
	http://www.tesaf.unipd.it/en/lerh
Management engineering and real estate economics	
	b) Innovation of new product and services development
	Department of Management and Engineering
	http://www.gest.unipd.it/en/research/phd-programmes/management-engineering-and-real-estate-economics?set_language=en










¹ The PhD Course in Arterial Hypertension and Vascular Biology is carried out in agreement with Sapienza University of Rome which, for the Academic year 2023/24, will be the administrative seat of the Course. Therefore, the PhD students who will be selected will be formally enrolled at Sapienza University of Rome but will carry out their research activities at the University of Padua. Furthermore, the contract will be signed by the doctoral candidate and the Host Department of the University of Padua.

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SOCIAL SCIENCES AND HUMANITIES (SH)	
Linguistic, philological and literary sciences	
	a) Linguistic change in morphology, syntax and phonology
	Department of Linguistic and Literary Studies
	http://www.maldura.unipd.it/disll-corso-di-dottorato/en.html
Philosophy	
	a) Natural Objects and artifacts. Topics in Analytic Metaphysics and Semantics
	Department of Philosophy, Sociology, Education and Applied Psychology
	https://elearning.unipd.it/scienzeumane/course/view.php?id=1888
Social sciences	
	a) Science, technology and innovation in the societies of the future
	Department of Philosophy, Sociology, Education and Applied Psychology
	https://socialsciences.fisppa.unipd.it/