PhD Course: BRAIN, MIND AND COMPUTER SCIENCE in agreement with Fondazione Bruno Kessler		
Curricula	• NEUROSCIENCE, TECHNOLOGY, AND SOCIETY • COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION	
Department	PSICOLOGIA GENERALE - DPG	
Duration	3 years	
Number of positions	Scholarships funded by the partner Institution	n. 3	**1** scholarship funded by Fondazione Bruno Kessler - **Topic:** Analysing Clinical Documents to Support Decision Making Processes in Emergency Departments (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION); **1** scholarship funded by Fondazione Bruno Kessler - **Topic:** Neuroscience and Artificial Intelligence (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION); **1** scholarship funded by Fondazione Bruno Kessler - **Topic:** Temporal Neuro-symbolic integration (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);

	Scholarships funded by external public or private bodies/Departments	n. 3	**1** scholarship funded by Agenzia per la Cybersicurezza Nazionale - ACN - **Topic:** SAT-SEC - Satellite Communications Security: Integration of Quantum Key Distribution (QKD) into Non-Terrestrial Networks (NTN) security protocols (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION); **1** scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi ELIXIR Commissioned Services - Data Platform 24-TECH-DATA - Resp. scient. prof. Silvio Tosatto - **Topic:** DisProt Web Infrastructure: implementation, annotation, and visualization of intrinsically disordered proteins (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION); **1** scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi MSCA-RISE REFRACT - Resp. scient. prof. Silvio Tosatto - **Topic:** Developing Computational Tools for the Study of Non-Globular Proteins (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);
	Total number of positions	**n. 6***	
Selection criteria	PRESELECTION ON THE BASIS OF EVALUATION OF QUALIFICATIONS AND ORAL EXAMINATION		
Oral examination via remote interview:	Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool.		
Evaluation criteria	Qualifications: points max 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 October 2025 will submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor)
	Curriculum:	Points: max 10	The Europass CV format is preferable (https://europass.europa.eu/en). When organizing the CV entries, please follow a chronological order from the most recent to the least recent (for example, in the "Qualifications" entry, start with the most recently acquired qualification). Furthermore, please report your degree grade in an easily identifiable position and bold type, or, if you have not yet graduated, the average exam grade (for Italian candidates) or the exam transcript (for international candidates).
	Scientific publications:	Points: max 10	All publications need to be cited consistently with the same style (e.g. APA, Chicago, etc). Do not mention conference presentations that are not included in full in the conference proceedings.
	Other documents:	Points: max 6	Reference letters (maximum 2). Attestation/certification of level of English language released by any authorized agency (no self-certifications).
	Research project:	Points: max 24	Research project (maximum 2000 words + references) prepared according to the guidelines published on this page http://hit.psy.unipd.it/BMCS/admission.
Publication of the results of the evaluation of the preselection	Within **09 SEPTEMBER 2025** 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 09 SEPTEMBER 2025 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	10 SEPTEMBER 2025 10:00 - Human Inspired Technology Research Centre Via Luzzatti, 4 - 35121 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	Based on the candidate's background, the oral exam will focus on: computer science, psychology and neuroscience, human-computer interaction, health and cybertherapy, Internet of Things, machine learning, big data and security. The candidate will be asked to discuss his/her research project.		

PhD Course Website:	http://hit.psy.unipd.it/Brain_Mind_and_Computer_Science_Doctoral_Program
Further information	**Department:** PSICOLOGIA GENERALE - DPG **Address:** Via Venezia - N. 8, 35100 Padova (PD) **Contact person:** Romagnolo Carla **telephone**: 0498276375 **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/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:** Human-Centric LLM Interpretability Against AI Emotional Manipulation (curriculum: COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);

- n **1** scholarship funded by Agenzia per la Cybersicurezza Nazionale - ACN **- Topic:** Safe and resilient by design: Reactive synthesis of safe controllers for cyber-physical systems (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);

- n **1** scholarship funded by Agenzia per la Cybersicurezza Nazionale - ACN **- Topic:** VITAL: Identifying Vulnerabilities in Android Applications Using Static and Dynamic Analysis Powered by LLM (**curriculum:** COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);