

PhD Course: BRAIN, MIND AND COMPUTER SCIENCE in agreement with Fondazione Bruno Kessler			
Curricula	<input type="checkbox"/> NEUROSCIENCE, TECHNOLOGY, AND SOCIETY <input type="checkbox"/> COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION		
Department	PSICOLOGIA GENERALE - DPG		
Duration	3 years		
Number of positions	Scholarships funded by the University	n. 6	
	Scholarship funded by the partner Institution	n.3	<p>1 scholarship funded by Fondazione Bruno Kessler - FBK - Topic: Gamification in the design of the user engagement with digital therapeutics for mental well-being (curriculum: NEUROSCIENCE, TECHNOLOGY, AND SOCIETY);</p> <p>1 scholarship funded by Fondazione Bruno Kessler - FBK - Topic: Human-centered design of AI-powered digital interventions for the prevention and management of chronic diseases (curriculum: NEUROSCIENCE, TECHNOLOGY, AND SOCIETY);</p> <p>1 scholarship funded by Fondazione Bruno Kessler - FBK - Topic: Neuro-Symbolic architecture for complex task resolution (curriculum: COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);</p>
	Scholarships funded by external public or private bodies/Departments	n. 5	<p>1 scholarship funded by Comune di Padova con il contributo del Centro Interdipartimentale di Ricerca "Human Inspired Technologies Research Center - HIT" - Topic: Artificial Intelligence for Smart Cities (curriculum: COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);</p> <p>1 scholarship funded by Dipartimento di Matematica "Tullio Levi-Civita" - DM su fondi dell'Unione Europea - NextGenerationEU e del programma STARS@UNIPD 2023, progetto "PatchThemAll - Virtualization-Based Approach for Distributing Android Security Patches on Any Custom Android OS" - Topic: Software Security Patches: from Standard Automated Program Repair Approaches to Large Language Models Applications (curriculum: COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);</p> <p>1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi HORIZON-INFRA2023-DEV-01 ELIXIR-STEERS; 101131096 - Topic: Expanding the DOME recommendations for machine learning in the life sciences (curriculum: COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);</p> <p>1 scholarship funded by Dipartimento di Scienze Biomediche - DSB su fondi HORIZON-</p>

			INFRA2023-EOSC-01 EVERSE; 101129744 - Topic: Implementing recognition mechanisms for research software in APICURON (curriculum: COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION); 1 scholarship funded by Smart PhD 2024 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART cofinanziata con Symrise S.r.l. - Topic: Immunoregulatory treatments aimed at improving the healing of surgical wounds with special focus on the prevention of hyperpigmentation (curriculum: NEUROSCIENCE, TECHNOLOGY, AND SOCIETY);
	Scholarships on PNRR funds	n. 1	1 scholarship funded by Dipartimento di Ingegneria Civile, Edile e Ambientale – ICEA su fondi PNRR; progetto: Sustainable Mobility Center (Centro Nazionale per la Mobilità Sostenibile – CNMS) CN4-Spoke 8 – CUP: C93C22002750006 - Topic: IT solutions for Sustainable Mobility (curriculum: COMPUTER SCIENCE FOR SOCIETAL CHALLENGES AND INNOVATION);
	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 60 Oral examination: points max 40		
Documents to be submitted	Thesis:	Points: max 10	Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2024 will submit a summary of the master thesis (max. 4 pages) signed by the applicant and the thesis supervisor.
	Curriculum:	Points: max 10	Please, 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 include in an easily recognizable position in the document the boldfaced score obtained at graduation or, if have not yet graduated, the average exams' score.
	Scientific publications:	Points: max 10	All publications you mention in the application and CV need to be cited consistently with the same style (e.g. APA, Chicago, etc). 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 (no self-certifications).
Preselection: First meeting of the Evaluating Commission	31 MAY 2024 10:00		
Publication of the results of the evaluation of the preselection	Within 03 JUNE 2024 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 03 JUNE 2024 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	05 JUNE 2024 10:00 - 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 their prospective doctoral project.		
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/dottorati40 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 2 July 2024 Beginning of PhD courses 1 November 2024		