

THE RECTOR

Having regard to the Rector's Decree no. 891/2023, Prot. no. 0146871 of 20/03/2023 by which the admission to the XXXIX cycle of the PhD programs of Milano-Bicocca University has been held;

Having regard to art. 2 of the aforementioned Decree that establishes that the number of scholarships may be increased, provided the relevant agreements are signed at an appropriate time, by determining the increase in the number of places offered and that these additional place are announced by a subsequent Decree to be issued by the expiration date of Session II;

Having recolled that, pursuant to art. 8 lett. k) of the Charter of the University of Milano - Bicocca, the Rector shall sign the agreements on education, scientific and cultural matters and any other contract, act or agreement the signature of which is not entrusted to the General Director or to the heads of the decentralised structures, as delegates;

Taking note of the documentation regularly received in time for the funding of scholarships for PhD courses XXXIX cycle;

Having obtained the favourable opinion of the President of the PhD School, Prof. Maria Luce Frezzotti;

Given that the proposing Head of the Area certifies the regularity and legality of this act;

HEREBY DECREES

For the reasons indicated in the premises of this provision and which are hereby understood to be fully reported,

Article 1

The increase in the number of the scholarships and of the places offered for the following PhD Programs, as per Table no. 1, here attached;

Article 2

To express their own interest for the project scholarships, candidates will have to apply to the PhD Course and curriculum (where required) of interest by following the instructions indicated in Table no. 1, first column. It will be possible to apply **from July 18th to July 24th, at noon**. Candidates will be able to express their interest also during the oral exam.

The Rector
Giovanna Iannantuoni

(digitally signed under Article 24 of
Legislative Decree 82/05)

Tab. N.1

PhD course	Tipologia posto	Funding Body	Research projects linked to the scholarships	Total number of places for competition
Business for Society (Upload the research project under acronym B4S.3)	No. 1 scholarship co-funded by external Bodies ex DM 117 of 2 March 2023, Curriculum Management of Institutions and International Organization	RSE SpA - Ricerca sul Sistema Energetico	<i>"Analysis model of the strategic positioning of the Italian manufacturing sector in key technologies for decarbonization"</i>	4
Education in the Contemporary Society (Upload the research project under one of the available acronyms)	No. 1 High level training apprenticeship contract	Operari SRL S.B.	<i>"Blended learning methodologies and models in corporate training on good governance themes"</i>	4
Physics and Astronomy (Upload the research project and fill in the questionnaire by signing "YOU ARE NOT INTERESTED")	No. 1 scholarship co-funded by external Bodies ex DM 117 of 2 March 2023	DTT S.c. a r.l.	<i>"Edge 3D simulations with EMC3-EIRENE di DTT to study interactions between the plasma and components in absence of toroidal symmetry"</i>	20
	No. 1 scholarship co-funded by external Bodies ex DM 117 of 2 March 2023	AstraZeneca SPA	<i>"Data analysis with advanced machine learning techniques at the boundary between particle physics and medicine"</i>	
Computer Science (Upload the project under "Research Project")	No. 1 place with scholarship	Ospedale San Raffaele S.r.l.	<i>"Modeling cell-cell communication patterns applying machine learning techniques and spin glasses models to spatial transcriptomic data"</i>	18
Translational and Molecular Medicine – DIMET (Upload the research project under one of the available acronyms)	No. 2 places with scholarship	Fondazione Telethon ETS	1) <i>"Development of novel gene editing strategy to cure WHIM syndrome"</i> 2) <i>"Advanced Antigen-Specific Dendritic Cell-Based Therapy to Re-establish Tolerance in Immune-Mediated Diseases"</i>	10
	No. 1 place with scholarship	No. 1 PNRR Scholarship – RNA National center CUP:H43C22000500001	<i>"Production of nano-sized liposomes, niosomes and hybrid polymer-lipid nanoparticles for the delivery of nucleic acids"</i>	
Psychology, Linguistics and Cognitive Neuroscience	No. 1 scholarship co-funded by external Bodies ex DM 117 of 2 March	Casa di Cura Igea S.p.A.,	<i>"Effects of virtual reality-based Behavioral Rehabilitation and Activation with Innovative Neurostimulation techniques on"</i>	7

(Upload the research project under one of the available acronyms)	2023, Curriculum Mind, Brain and Behaviour		<i>DRIVING skills in older adults and MCI patients"</i>	
Public Health Epidemiology, Statistics and Economics (Upload the research project and fill in the questionnaire by signing "YOU ARE NOT INTERESTED")	No. 2 scholarships co-funded by external Bodies ex DM 117 of 2 March 2023	Istituto di Ricerche Farmacologiche Mario Negri IRCCS	1)"Evaluation of the impact of air pollution on the incidence of cardiovascular diseases and their complications in the Lombardy region" 2)" The prediction of short and long-term outcomes in critically ill patients"	14
Materials Science and Nanotechnology (Fill in the questionnaire by signing "YOU ARE NOT INTERESTED". You will express your interest for the scholarship during oral examination)	No. 1 scholarship co-funded by external Bodies ex DM 117 of 2 March 2023	ISC s.r.l.	"Development of thermoelectric technologies for sensing"	12
Chemical, Geological and Environmental Sciences (Upload the research project under one of the available acronyms)	No. 1 place with scholarship – Curr. Terrestrial and Marine Environmental Sciences	Co-funded by BRIANZACQUE srl/PNRR-IR Project: SUS-MIRRI.IT CUP: D13C22001390001	"Effects of wastewater treatment plant effluents and of high intensity precipitation events on the release into the environment and on the exposure of the population to determinants of antimicrobial resistance and to potentially pathogenic biological agents"	17
	No. 1 scholarship co-funded by external Bodies ex DM 117 of 2 March 2023 - Curr. Terrestrial and Marine Environmental Sciences	RSE SpA - Ricerca sul Sistema Energetico	"Microbiological aspects of H2 storage and conversion to added value products by bio-electrosynthesis"	
	No. 2 scholarships co-funded by external Bodies ex DM 117 of 2 March 2023 – Curr. Chemical Sciences	RSE SpA - Ricerca sul Sistema Energetico	1)"Development of analytic techniques and models related to odour molecules emitted from industrial sources" 2)"Evaluation of sustainability for volatile organic compounds emitted from industrial sources"	
	No. 2 scholarships co-funded by external Bodies ex DM 117 of 2 March 2023 - Curr. Terrestrial and Marine	Limenet s.r.l. Società Benefit	1)"The response of plankton community to Ocean Alkalinity Enhancement" 2)" The response of benthic mollusks to Buffered Ocean Alkalinity Enhancement"	

	Environmental Sciences			
Marine Sciences, Technology and Management (MTM) (Upload the project under "Research Project")	No. 1 scholarship co-funded by external Bodies ex DM 117 of 2 March 2023 -	Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile (ENEA)	<i>"Restoration of Native Oyster Beds (Ostrea edulis) in the Gulf of La Spezia"</i>	10
Converging Technologies for Biomolecular Systems (TeCSBI) (Upload the project under "Research Project")	No. 1 scholarship co-funded by external Bodies ex DM 117 of 2 March 2023	UNIFARCO S.P.A.	<i>"Integrated analysis of health assessment data for preventive medicine and longevity"</i>	7

Research Area and Third Mission

PhD School Sector

Area Manager: Dr. Andrea Riccio

Head of the Procedure: Dr. Andrea Riccio