

THIS ANNEX A to the CALL FOR ADMISSION, TRANSLATED INTO ENGLISH, IS AN UNOFFICIAL COPY OF THE ORIGINAL. THE ONLY COPY OF LEGAL VALUE IS THE OFFICIAL DOCUMENT IN ITALIAN LANGUAGE

ANNEX B – LIST OF POSTS FINANCED THROUGH PhD SCHOLARSHIPS OR OTHER FORMS OF FINANCIAL SUPPORT

PhD PROGRAMMES, XXXVIII CYCLE, A.Y. 2022/2023

PhD Programme in	Posts benefiting of a scholarship / other forms of financial support, both having or not a specific research topic
Business & Law - Institutions and Businesses: value, rules and social responsibility	n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship or of other forms of financial support and not having a research topic
	n. 1 post reserved to candidates having an eligible academic degree achieved in non-Italian Universities, benefiting of a three-year scholarship or of other forms of financial support, not having a research topic
	n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 351/2022 on Public Administration, having a specific research topic about "Design and evaluation of interventions to counter educational poverty"
	n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 351/2022 on Public Administration, having a specific research topic about "Technical-legal knowledge as a support in the development of transversal skills in reference to the organization, management and technological innovation of public administration, with specific regard to health bodies"
	Additionally, a maximum number of 6 posts in all PhD Programmes, financed by maintenance allowance, are reserved to candidates of Pakistani citizenship, in compliance with the MoU signed by The Higher Education Commission, Government of the Islamic Republic of Pakistan (hereinafter referred to as HEC Pakistan) and by the University of Studies of Brescia on 03 December 2020
Diritti, Persona, Innovazione e Mercato /	n. 2 ordinary posts for EU and non-EU candidates benefiting of a
Rights, Person, Innovation and Market	three-year scholarship or of other forms of financial support and
	not having a research topic
	n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 351/2022 on



Public Administration, having a specific research topic about "All projects relating to the research areas identified in Art. 8 of the Italian Min. Decree 351/2022, with particular attention to projects relating to transport regulations, with the study of the distribution models of local and state resources, and sustainable mobility, as an essential element of the right to health of each citizen.

As well as projects concerning the role of regulatory and control bodies in the suppression of unfair commercial practices in the agri-food chain, and the role of public agencies in consumer protection"

Additionally, a maximum number of 6 posts in all PhD Programmes, financed by maintenance allowance, are reserved to candidates of Pakistani citizenship, in compliance with the MoU signed by The Higher Education Commission, Government of the Islamic Republic of Pakistan (hereinafter referred to as HEC Pakistan) and by the University of Studies of Brescia on 03 December 2020

Genetica Molecolare, Biotecnologie e Medicina Sperimentale / Molecular Genetics, Biotechnology and Experimental Medicine

- n. 2 ordinary posts for EU and non-EU candidates benefiting of a three-year scholarship or of other forms of financial support and not having a research topic
- n. 1 post reserved to candidates having an eligible academic degree achieved in non-Italian Universities, benefiting of a three-year scholarship not having a research topic
- n. 1 post benefiting of a scholarship, reserved to candidates eligible under the European Call HORIZON-MSCA-2021-DN-01 Project: 101071886 CISSE. Candidate in the process of being identified through a separate EU evaluation procedure

Additionally, a maximum number of 6 posts in all PhD Programmes, financed by maintenance allowance, are reserved to candidates of Pakistani citizenship, in compliance with the MoU signed by The Higher Education Commission, Government of the Islamic Republic of Pakistan (hereinafter referred to as HEC Pakistan) and by the University of Studies of Brescia on 03 December 2020

Ingegneria Civile, Ambientale, della Cooperazione Internazionale e di Matematica / Civil and Environmental Engineering, International Cooperation and Mathematics

- n. 4 ordinary posts for EU and non-EU candidates benefiting of a three-year scholarship or of other forms of financial support and not having a research topic
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 351/2022 on Cultural Heritage, having a specific research topic about "Innovative systems for the definition of the degree of risk of historical and architectural rural heritage in the planning of preventive conservation and reuse and enhancement processes"



- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company ROTTAMI PADANA SPA, having a specific research topic about "Environmental analysis of the recovery process of ferrous and non-ferrous metal scraps and maximization of resource recovery"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company BRESCIA MOBILITA' SPA, having a specific research topic about "Evaluating the access to stops/stations of a tramway network in urban areas"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company SISTEMI AMBIENTALI SRL, having a specific research topic about "Development of innovative processes and criteria for the recovery as an end of waste of contaminated soil and/or sediment aimed at the production of agronomic substrates"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company GUIDO BERLUCCHI & C. SPA, having a specific research topic about "Development of integrated assessment systems for sustainability in viticulture"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company ITALCEMENTI SPA, having a specific research topic about "Use of recycled and artificial aggregates for high-durability concrete Use of recycled and artificial aggregates for high-durability concrete"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company ECO CENTER SPA, having a specific research topic about "Full scale experimentation of granular UASB technology for pretreatment and energetic valorization of high strength wastewaters"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company LABORATORIO TECNOLOGICO LOMBARDO SRL, having a specific research topic about "Assessments of existing structural elements, with special focus on bridge components, by means of advances diagnosis techniques"
- n. 1 ordinary post for EU and non-EU candidates benefiting



of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company AZICHEM SRL, having a specific research topic about "High performance cementitious materials for the repairing and/or rehabilitation of structural elements and infrastructural components"

n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company FASTERNET SRL, having a specific research topic about "Mining and using Floating Car Data (FCD) to enhance the mobility in rural contexts"

n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Company ISLE SRL, having a specific research topic about "Digitization of water supply networks, detection and reduction of leakages in water distribution systems" (post being consistent with the Italian PNRR Min. Decree no. 352/2022 – position no. 31 resolution SA 152)

Additionally, a maximum number of 6 posts in all PhD Programmes, financed by maintenance allowance, are reserved to candidates of Pakistani citizenship, in compliance with the MoU signed by The Higher Education Commission, Government of the Islamic Republic of Pakistan (hereinafter referred to as HEC Pakistan) and by the University of Studies of Brescia on 03 December 2020

Ingegneria dell'Informazione Information Engineering

n. 3 ordinary posts for EU and non-EU candidates benefiting of a three-year scholarship or of other forms of financial support and not having a research topic

n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 351/2022 within the research field of "Topics aimed at bringing about a significant development of knowledge, also applied in the areas of interest of the Italian PNRR. Promote interdisciplinarity, adherence to international networks and cross-sectorial referred to in the PNRR, by including training in the context of extended partnerships and other activities related to the field of information engineering, sensors and the modernization of production processes?"

n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR on Digital Transformation, pursuant to the Min. Decree no. 351/2022, within the research field of "Emerging Information Engineering Technologies for Digital Transformation"

n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company CEMBRE SPA, having a specific research topic about



- "Development of an integrated digital system for the productive logistic control of the production process of electrical connectors"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company CAMOZZI AUTOMATION SPA, having a specific research topic about "Piezoelectric actuators for motion control in fluids with energy harvesting"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company 2BiTS SRL, having a specific research topic about "Study, design and development of electrical and opto-electronic characterization systems for semiconductor devices"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company COBO SPA, having a specific research topic about "Study and development of intelligent digital systems for advanced process of data processing through AI for production optimization"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Company E.D. ELETTRONICA DEDICATA SRL, having a specific research topic about "Study and development of a test system for the application of EOS pulses on integrated electronic circuits" (post being consistent with the Italian PNRR Min. Decree no. 352/2022 position no. 51 resolution SA 152)
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Company MEGA ITALIA MEDIA SPA, having a specific research topic about "Improve the impact of Artificial Intelligence in the management and development of the LMS DynDevice eLearning Platform" (post being consistent with the Italian PNRR Min. Decree no. 352/2022 position no. 53 resolution SA 152)
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Company GEXCEL SRL, having a specific research topic about "Image processing and point cloud for content analysis and 3D detection" (post being consistent with the Italian PNRR Min. Decree no. 352/2022 position no. 56 resolution SA 152)

Additionally, a maximum number of 6 posts in all PhD Programmes, financed by maintenance allowance, are reserved to candidates of Pakistani citizenship, in compliance with the MoU signed by The Higher Education Commission,



Government of the Islamic Republic of Pakistan (hereinafter referred to as HEC Pakistan) and by the University of Studies of Brescia on 03 December 2020.

Ingegneria Meccanica e Industriale Mechanical and Industrial Engineering

- n. 2 ordinary posts for EU and non-EU candidates benefiting of a three-year scholarship or of other forms of financial support and not having a research topic
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by CNR-STIIMA in the fields of automation, robotics and mechatronics, approved by Rector's Decree dated 29/06/2022, no. 549/2022, prot. no. 214302
- n. 1 ordinary post for EU and non-EU candidates of a private company maintaining their salary treatment, between the Company ITIB MACHINERY INTERNATIONAL SRL and the University, not having a research topic, approved by Rector's Decree dated 29/06/2022, no.550/2022, prot. no. 214356
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company POLIBRIXIA SRL, having a specific research topic about "Sustainable digital assistive and rehabilitative home technologies"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company CSMT GESTIONE SCARL, having a specific research topic about "Automatic systems for personalized medicine"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company COPAN ITALIA SPA, having a specific research topic about "Characterization and optimization of the industrial sterilization process with ionizing radiation"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company METALWORK SPA, having a specific research topic about "Study and development of components, systems and application methods aimed at reducing consumption in the industrial sector"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company FABBRICA D'ARMI P. BERETTA SPA, having a specific research topic about "Advanced virtual prototyping techniques"



- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company MOVEERO SRL, having a specific research topic about "Structural optimization of industrial routes"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company GEFRAN SPA, having a specific research topic about "Innovative materials and technologies for the development of pressure sensors to support the energy transformation"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company COBO SPA, having a specific research topic about "Additive Manufacturing"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Company METALPRES DONATI SPA, having a specific research topic about "Introduction of both digital and process technological innovation in the automotive sector from a green perspective" (post being consistent with the Italian PNRR Min. Decree no. 352/2022 position no. 18 resolution SA 152)
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Company SEAMTHESIS SRL, having a specific research topic about "Use of new and recycled aluminium powders for additive manufacturing applications" (post being consistent with the Italian PNRR Min. Decree no. 352/2022 position no. 44 resolution SA 152)

Additionally, a maximum number of 6 posts in all PhD Programmes, financed by maintenance allowance, are reserved to candidates of Pakistani citizenship, in compliance with the MoU signed by The Higher Education Commission, Government of the Islamic Republic of Pakistan (hereinafter referred to as HEC Pakistan) and by the University of Studies of Brescia on 03 December 2020

Intelligenza Artificiale in Medicina e Innovazione nella Ricerca Clinica e Metodologica / Artificial Intelligence in Medicine and Innovation in Clinical Research and Methodology

- n. 7 ordinary posts for EU and non-EU candidates benefiting of a three-year scholarship or of other forms of financial support and not having a research topic
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company XRAY SERVICE SRL, having a specific research topic about "Artificial intelligence protocols aimed at analysing the needs of



patients related to health care pathways and the development of smart therapeutic techniques" Additionally, a maximum number of 6 posts in all PhD Programmes, financed by maintenance allowance, are reserved to candidates of Pakistani citizenship, in compliance with the MoU signed by The Higher Education Commission, Government of the Islamic Republic of Pakistan (hereinafter referred to as HEC Pakistan) and by the University of Studies of Brescia on 03 December 2020. Modelli e Metodi per l'Economia e il n. 2 ordinary posts for EU and non-EU candidates benefiting of a Management (Analytics for Economics and three-year scholarship or of other forms of financial support and not having a research topic Management - AEM) n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR on Public Administration, pursuant to the Min. Decree no. 351/2022 on "Economic impact of energy transition at local and meso level" n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR on Public Administration, pursuant to the Min. Decree no. 351/2022 on "Statistical models for the evaluation of tourism phenomenon in rural areas" Additionally, a maximum number of 6 posts in all PhD Programmes, financed by maintenance allowance, are reserved to candidates of Pakistani citizenship, in compliance with the MoU signed by The Higher Education Commission, Government of the Islamic Republic of Pakistan (hereinafter referred to as HEC Pakistan) and by the University of Studies of Brescia on 03 December 2020 Precision Medicine n. 3 ordinary posts for EU and non-EU candidates benefiting of a three-year scholarship or of other forms of financial support and not having a research topic n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 351/2022 on the interdisciplinary areas of "Personalized medicine in neoplastic pathologies Additionally, a maximum number of 6 posts in all PhD Programmes, financed by maintenance allowance, are

reserved to candidates of Pakistani citizenship, in compliance with the MoU signed by The Higher Education Commission, Government of the Islamic Republic of Pakistan (hereinafter referred to as HEC Pakistan) and by the University of Studies of



	Brescia on 03 December 2020.
Scienze Biomediche e Medicina	n. 4 ordinary posts for EU and non-EU candidates benefiting of a
Traslazionale / Biomedical Sciences and	three-year scholarship or of other forms of financial support and
Translational Medicine	not having a research topic
	n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company CHIESI FARMACEUTICI SPA and the support of CNR, having a specific research topic about "Drug discovery in in chronic lung diseases: translational medicine approaches and immunological endotyping"

	Additionally, a maximum number of 6 posts in all PhD Programmes, financed by maintenance allowance, are reserved to candidates of Pakistani citizenship, in compliance with the MoU signed by The Higher Education Commission, Government of the Islamic Republic of Pakistan (hereinafter referred to as HEC Pakistan) and by the University of Studies of Brescia on 03 December 2020.
Technology for Health	n. 6 ordinary posts for EU and non-EU candidates benefiting of a three-year scholarship or of other forms of financial support and not having a research topic
	n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company ISINNOVA SRL, having a specific research topic about "Recycling of waste and by-products to obtain new eco-materials"
	n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company ANTARES VISION SPA, having a specific research topic about "Telemedicine and digitization of health services"
	n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company MM SpA, having a specific research topic about "Development of a new sustainable material from the ashes produced by a fluidized bed mono-combustion plant of biological sewage sludge"
	n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company NUOVO PIGNONE TECNOLOGIE SRL, having a specific research topic about "Research aimed at the development and validation of 3D printing technologies for electronic components (cables and sensors) to monitor turbomachinery in real operating conditions"



Transizione energetica e sostenibilità dei sistemi di produzione / Energy Transition and Sustainable Production Systems

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- n. 2 ordinary posts for EU and non-EU candidates benefiting of a three-year scholarship or of other forms of financial support and not having a research topic
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company AB Impianti SRL, having a specific research topic about "Materiali innovativi per elettroliti impiegati per la costruzione di batterie di grandi dimensioni (distributed power-plant / utility scale)"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company METALWORK SPA, having a specific research topic about "Energy efficiency systems, technologies and industrial components"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company A2A SPA, having a specific research topic about "Carbon capture/reuse and long term storage technologies"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company A2A SPA, having a specific research topic about "Hydrogen production, storage and use technologies"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Italian Funds of the PNRR, pursuant to the Min. Decree no. 352/2022 and the Company IREOS SPA, having a specific research topic about "Advanced technologies for plastics mechanical and chemical recycling"
- n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Company OMB SALERI SPA, having a specific research topic about "Innovative methodologies for hydrogen tanks monitoring" (post being consistent with the Italian PNRR Min. Decree no. 352/2022 position no. 10 resolution SA 152)



n. 1 ordinary post for EU and non-EU candidates benefiting of a three-year scholarship co-funded by the Company ANTARES VISION SPA, having a specific research topic about "CSR and environmental responsibility: strategies and management practices" ((post being consistent with the Italian PNRR Min. Decree no. 352/2022 – position no. 16 resolution SA 152)

Additionally, a maximum number of 6 posts in all PhD Programmes, financed by maintenance allowance, are reserved to candidates of Pakistani citizenship, in compliance with the MoU signed by The Higher Education Commission, Government of the Islamic Republic of Pakistan (hereinafter referred to as HEC Pakistan) and by the University of Studies of Brescia on 03 December 2020.