ANNEX A - PhDs PROGRAMMES DATA SHEETS
(Alphabetical Order)

ANALYTICS FOR ECONOMICS AND MANAGEMENT - AEM	
Scientific areas	Area 01 (Mathematics and Informatics) Area 13 (Economics and Statistics)
Macro areas	01/A – Mathematics 13/A – Economics 13/B - Business Administration and Management 13/D - Statistics and Mathematical Methods for Decisions
Duration	3 years
Starting date	November 1st, 2025
Proposing Structure	Department of Economics and Management
Coordinator	Prof.ssa Giorgia Oggioni
Curricula	None
Admission requirements	All University Degrees of the type enlisted below are eligible A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities. For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners. The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the Treaties or international agreements on recognition of university degrees for the continuance of studies. **Bachelor's Degrees are not admitted**. Undergraduates can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career. Proficiency in English is required. This is verified through the interview.
Total number of posts available	n. 10

	- n. 8 posts benefiting of a scholarship/other forms of financial support and
	- n. 2 posts without scholarship/other forms of financial support
Out of which posts without a research topic (among those already available)	**(CODES A1-A2-A3-A4)** **n. 4** for ordinary posts not having a research topic, financed by the University of Brescia
Out of f which posts linked to a research topic (among those already available)	**(CODE B1)** **n. 1** for ordinary post benefiting of a three-year contract of Apprenticeship in Advanced Training financed by the Company Efesto S.r.l. having a research topic in "Optimization and simulation of production and logistics systems". **(CODE B2)** **n. 1** for ordinary post benefiting of a three-year contract of Apprenticeship in Advanced Training financed by the Company Multiprotexion S.r.l. having a research topic in "*Innovative optimization algorithms for the intelligent management of the corporate operations center and the logistics of corporate customer fleets*".
Out of which reserved posts	- **n. 2** - 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.
Out of which posts not benefiting a scholarship (among those already available)	**(CODES OSB1 - OSB2)** - **n. 2** posts without scholarship / other forms of financial support
Selection Procedure	
Evaluation of Curriculum Vitae and academic / professional history / Publications, etc.	**Maximum score for the evaluation of the documents and qualifications: 30 out of 100**. The candidate must upload her/his curriculum vitae organized as follows: Personal data Study Programme: Name of the Master's Degree; Institution providing the Master's Degree; Degree grade (if the candidate is not yet graduated, she / he must provide the average exam grade, an extended abstract to the Master thesis and the degree exam prospected date or a document similar to the thesis drawn up during the foreign university course for candidates having an eligible University Degree achieved in a non-Italian University); List of exams with the corresponding marks. List of any other supporting documentation and qualifications that are relevant and useful for the admission evaluation process (at most 3 documents). List of publications, including the Master thesis (or of a document similar to the thesis drawn up during the foreign university course for candidates having an eligible University Degree achieved in a non-Italian University) and working papers (at most 3 publications).

	List of job experiences strictly related to the PhD Programme research topics.
	English language level.
	In addition to the curriculum vitae, the candidate must upload the following documentation:
	The publications (complete document), included the Master thesis (or of a document similar to the thesis drawn up during the foreign university course for candidates having an eligible University Degree achieved in a non-Italian University) or the extended abstract of the Master thesis if the candidate is not yet graduated (at most 3 publications).
	Copy of the supporting documentation and qualifications (at most 3 documents).
	English language certificate (if obtained).
	At least one recommendation letter.
	Only candidates who score at least 18 points in the evaluation of their documents and qualifications will be admitted to the interview.
Evaluation of a project proposal	**Maximum score for the research project proposal: 20 out of 100**.
	The research project proposal must be submitted online jointly with the admission form.
	The topic of the research project must fall within research activities that are relevant to any of the curricula of the PhD Programme.
	The research project must consist of a written proposal, either in Italian or in English, with a maximum length of 6000 characters (spaces included), and should be organized according to the following requirements:
	Author
	Title
	Summary of State-of-the-art
	Main motivations and goals of the proposed research proposal
	Description of the research project
	Proposed scientific methodology
	Bibliographic references.
	Only candidates who score at least 12 out of 100 in the evaluation of their research proposal will be admitted to the interview.
Interview	**Maximum score for the interview: 50 out of 100**.
	The interview will be in English and will consist of:
	Debate about the research project, presentation of the candidate's curriculum, background and Master thesis (or of a document similar to the thesis drawn up during the foreign university course for candidates having an eligible University Degree achieved in a non-Italian University), and discussion of the publication presented (about 15 minutes). It is possible to present slides as support.
	Assessment of the candidate's motivation to carry out research on the

	scientific areas covered by the PhD Programme.
	Assessment of the candidate's aptitude to carry out research on the scientific areas covered by the PhD Programme.
	Assessment of the candidate's proficiency of English.
	Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged under Article 10, paragraphs 6 and 7 of the Call for Admissions.
	Only candidates who score at least 30 points out 100 in the interview will enter the PhD Programme final ranking list of merit to be admitted to the PhD Programme.
Place and date of interview	The date (and, if needed, the venue) of the interview will be published at least 20 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Academic contact information of the PhD Programme	Prof.ssa Giorgia Oggioni, e-mail: giorgia.oggioni@unibs.it Dott.ssa Francesca Guerini, e-mail: francesca.guerini@unibs.it
Academic and research PhD activity	https://permalink.unibs.it/phd/aem/site https://permalink.unibs.it/phd/comptrasv https://permalink.unibs.it/phd/aem/en

ARTIFICIAL INTELLIGENCE IN MEDICINE AND INNOVATION IN CLINICAL RESEARCH AND METHODOLOGY	
Scientific areas	06 Medical Sciences; 05 Biological Sciences; 09 Industrial and Information Engineering; 13 Economic and Statistical Sciences; 01 Mathematical and Informatic Sciences
Macro areas	05/D; 05/H; 06/B; 06/D; 06/E; 06/F; 06/G; 06/I; 06/L; 06/M; 09/D; 09/E; 09/F; 13/A; 01/B
Duration	3 years
Starting date	November 1st, 2025
Proponent Structure	Department of Clinical and Experimental Sciences
Coordinator	Prof. Domenico Russo
Curricula	- Artificial Intelligence in Medicine - Regenerative Medicine - Innovation in Clinical Research and Methodology
Admission requirements	LMG/01 Classe delle lauree magistrali in giurisprudenza LM-6 Biologia LM-7 Biotecnologie agrarie LM-8 Biotecnologie industriali LM-9 Biotecnologie mediche, veterinarie e farmaceutiche LM-13 Farmacia e farmacia industriale LM-16 Finanza LM-17 Fisica LM-18 Informatica LM-21 Ingegneria biomedica LM-22 Ingegneria chimica LM-25 Ingegneria dell'automazione LM-26 Ingegneria della sicurezza LM-27 Ingegneria delle telecomunicazioni LM-28 Ingegneria elettrica LM-29 Ingegneria elettronica

	LM-30 Ingegneria energetica e nucleare
	LM-32 Ingegneria informatica
	LM-33 Ingegneria meccanica
	LM-40 Matematica
	LM-41 Medicina e chirurgia
	LM-42 Medicina veterinaria
	LM-43 Metodologie informatiche per le discipline umanistiche
	LM-44 Modellistica matematico-fisica per l'ingegneria
	LM-46 Odontoiatria e protesi dentaria
	LM-51 Psicologia
	LM-52 Relazioni internazionali
	LM-53 Scienza e ingegneria dei materiali
	LM-54 Scienze chimiche
	LM-55 Scienze cognitive
	LM-56 Scienze dell'economia
	LM-60 Scienze della natura
	LM-61 Scienze della nutrizione umana
	LM-66 Sicurezza informatica
	LM-67 Scienze e tecniche delle attività motorie preventive e adattate
	LM-70 Scienze e tecnologie alimentari
	LM-71 Scienze e tecnologie della chimica industriale
	LM-77 Scienze economico-aziendali
	LM-78 Scienze filosofiche
	LM-82 Scienze statistiche
	LM-83 Scienze statistiche attuariali e finanziarie
	LM-86 Scienze zootecniche e tecnologie animali
	LM-90 Studi europei
	LM-91 Tecniche e metodi per la società dell'informazione
	LM-92 Teorie della comunicazione
	LM-93 Teorie e metodologie dell'e-learning e della media education
	LM/SNT1 Scienze infermieristiche e ostetriche
	LM/SNT2 Scienze riabilitative delle professioni sanitarie
	LM/SNT3 Scienze delle professioni sanitarie tecniche
	LM/SNT4 Scienze delle professioni sanitarie della prevenzione
	A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities.
	For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners.
	The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the Treaties or international agreements on recognition of university degrees for the continuance of studies.
	Bachelor's Degrees are not admitted.

	Undergraduates can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career.
Total number of posts available	**n. 9**: - n. 7 posts benefiting of a scholarship / other forms of financial support and - n. 2 posts without scholarship / other forms of financial support
Posts without a research topic (among those already available)	**(CODES A1-A2-A3-A4)** **n. 4** posts benefiting of a scholarship financed by the University of Brescia
Posts linked to a research topic (among those already available)	**(CODE B)** **n. 1** ordinary post benefiting of a scholarship financed by the project DSCS-DIPARTIMENTO_ECCELLENZA_2023-2027, released by prof. Roberto Gatta within the research area topic/area "Platform DIPECC – Action 1.1 "*Set up of aClinical Data Repository*"
Out of which reserved posts	**(CODES P1-P2)** **n. 2** - 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.
Out of which posts not benefiting a scholarship (among those already available)	**(CODES OSB1-OSB2)** - **n. 2** posts without scholarship / other forms of financial support
Selection Procedure	
Evaluation of Curriculum Vitae/Publications, etc.	Preliminary, the Board of Examiners evaluates the Curriculum Vitae of the Candidate. The Candidate will be admitted to the qualifications evaluation as a result of the positive relevance assessment between the Curriculum Vitae and the research areas of the PhD Programme. **Evaluation score: 0-20 points as follows**: - Undergraduate University degree final score: 0-10 points or average grade of examinations passed during the course (only for undergraduates who will pass the degree examination by the start date of the PhD Programme activities; - Publications: 0-4 points; - Other qualifications: 0-6 points.
Evaluation of a project proposal	**Evaluation of the research project proposal: 0 - 40 points**. Only candidates who score at least 24 points in the evaluation of their research proposal will be admitted to the interview.
Interview	The interview includes to discuss about the research project proposal that the candidate presents, the candidate's list of publications and qualifications. **The scores granted at the interview: 0 - 40 points** The interview is passed if a candidate achieves a score of at least 20 points. For candidates who do not understand Italian language, the interview will be held in English language. Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged

	by Article 10, paragraphs 6 and 7 of the Call for Admission.
Place and date of the interview	The date (and, if needed, the venue) of the interview will be published at least 20 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Contact information of the PhD Programme	Professor Domenico Russo, Department of Clinical and Experimental Sciences, email: domenico.russo@unibs.it
Academic and research PhD activity	https://permalink.unibs.it/phd/iamed/en

BIOMEDICAL SCIENCES AND TRANSLATIONAL MEDICINE

Scientific areas	05- Biological Sciences; 06-Medical Sciences; 03 -Chemical Sciences
Macro areas	03/D; 05/A; 05/D; 05/E; 05/G; 06/A; 06/D; 06/F; 06/I; 06/M; 11/E
Duration	3 years
Starting date	November 1st, 2025
Proponent Structure	Department of Molecular and Translational Medicine
Coordinator	Prof. Marina Pizzi
Curricula	Neuroscience Oncology and Immunology Pharmacology and Microbiology
Admission requirements	The following University Degrees achieved in Italy: LM-6 Biology LM-7 Agricultural Biotechnologies LM-8 Industrial Biotechnologies LM-9 Medical, Veterinary and Pharmaceutical Biotechnologies LM-13 Pharmacy and Industrial Pharmacy LM-17 Physics LM-18 Informatics LM-21 Biomedical Engineering LM-41 Medicine and Surgery LM42 Veterinary Medicine LM-51 Psychology LM-55 Cognitive Sciences LM61 Human Nutrition Sciences LM-67 Science and Technology of Preventive and Adaptive Motor Activities LM/SNT1 Nursing and Midwifery Sciences LM/STN2 Rehabilitation Sciences for Health Professions A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended by Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities. For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners. The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the

	Treaties or international agreements on recognition of university degrees for the continuance of studies. **Bachelor's Degrees are not admitted.** Candidates still pending to achieve their University Master's Degree can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career.
Total number of posts available	**n. 9** - n. 7 posts benefiting of a scholarship / other forms of financial support and - n. 2 posts without scholarship / other forms of financial support
Posts without a research topic (among those already available)	**(CODES A1-A2-A3-A4)** **n. 4** posts benefiting of a scholarship financed by the University of Brescia
Posts linked to a research topic (among those already available)	**(CODE B)** **n. 1** ordinary post financed by the project "Vippstar" (RICINT_2024_HORIZON_RIA_VIPPSTAR_FAZZI, CUP D53C24005240006), released by Prof. Elisa Maria Fazzi, having a research topic in "*Artificial intelligence and early intervention in children with visual impairment*".
Out of which reserved posts	**(CODES P1-P2)** n. 2 - 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.
Out of which posts not benefiting a scholarship (among those already available)	**(CODES OSB1-OSB2)** **n. 2** posts without scholarship / other forms of financial support
	Selection Procedure
Evaluation of Curriculum Vitae/Publications, etc.	**Maximum score: 30/100** Graduate/Master's Degree (2nd level) university degree final score: maximum score 10 - Average grade of examinations passed during the graduate/Master's Degree (2nd level) university course (only for candidates who will pass the degree examination by the start date of the PhD Programme activities): maximum score 10 - Publications: maximum score 8 - Abstracts and presentations to scientific meetings: maximum score 6 - Other qualifications: specialization, research fellowships or contracts; educational courses and stage, conference attendance, English language certificates: maximum score 6
Evaluation of a project proposal	Not envisaged
Interview	**Maximum score: 70/100** The interview will cover the following domains: - Debate about the topics addressed by the candidate about the qualifications submitted (maximum score 30); - Assessment of the candidate's aptitude and motivation to carry out

	research activities in one of the doctoral curricula (maximum score 30); - Evaluation of the candidate's communication skills and knowledge of the English language (maximum score 10). The Interview is passed if the achieved score is no lower than 42. Knowledge of the Italian language is not required for non-Italian speaking candidates. Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 10, paragraphs 6 and 7 of the Call for Admissions.
Place and date of the interview	The date (and, if needed, the venue) of the interview will be published at least 20 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Contact information of the PhD Programme	Prof. Marina Pizzi, e-mail: dottorato.sbmt@unibs.it
Academic and research PhD activity	https://permalink.unibs.it/phd/scienzebio/en

BUSINESS & LAW INSTITUTIONS AND BUSINESS: VALUE, RULES AND SOCIAL RESPONSIBILITY	
Scientific areas	Area 12 (Law); Area 13 (Economics and Statistics); Area 14 (Political and Social Sciences)
Academic disciplines	IUS/01; IUS/04; IUS/07; IUS/09; IUS/21; SECS-P/03 ; SECS-P/06; SECS-P/07; SECS-P/08; SECS-P/10; SECS-P/12; SPS/09
Duration	3 years
Starting date	November 1st, 2025
Proponent Structure	Department of Economics and Management
Coordinator	Prof. Nadia Maccabiani
Admission requirements	LMG/01 Law (including LMG/01 R; LM/SC-GIUR e LM/SC-GIUR R); LM-16 Finance (including LM-16 R); LM-49 Tourism development and management (including LM-49 R); LM-56 Economics (including LM-56 R); LM-63 Public Administration (including LM-63 R); LM-76 Environmental and cultural economics (including LM-76 R); LM-77 Management (including LM-77 R); LM-81 Development Cooperation (including LM-81 R); LM-88 Sociology and Social Research (including LM-88 R). A University Degree achieved in Italy (Italian Laurea) or a University Degree granted in Italy according to the Italian academic system prior to Ministerial Decree 509/1999, amended by the Ministerial Decree 270/2004. Equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master's Degree granted by foreign Universities. With specific and exclusive reference to the PhD admission purposes, the equivalence, in terms of duration and contents, between degrees awarded abroad and Italian degrees will be assessed by the Admission Board. The eligibility of the foreign university degree is ascertained by the Admission Board of the selection procedure of the PhD

	Programme, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as pursuant to the Treaties or international agreements on recognition of university degrees for the continuance of studies.
	Bachelor's Degrees are not admitted.
	Undergraduates can apply for admission upon condition of the achievement of the Degree by the starting date of the PhD Programme activities: these candidates are required to submit the grades of the exams taken during their university career.
	Proficiency in English is required.
Total number of posts available	**n. 8** - n. 6 posts benefiting of a scholarship / other forms of financial support and - n. 2 post without scholarship / other forms of financial support
Posts without a research topic (among those already available)	**(CODES A1-A2-A3-A4)** **n. 4** for ordinary posts not having a research topic, financed by the University of Brescia
Posts linked to a research topic (among those already available)	None
Out of which reserved posts	**n. 2 -** 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.
Out of which posts not benefiting a scholarship (among those already available)	**(CODES OSB1-OSB2)** **n. 2** posts without scholarship / other forms of financial support
Selection Procedure	
Evaluation of Curriculum Vitae/Publications, etc.	**Maximum score for curriculum vitae/publications: 30 out of 100** Eligible qualifications: - Master thesis (or a document similar to a thesis drawn up during the foreign university course for candidates having an eligible University Degree achieved in a non-Italian University) and the related University curriculum; - Scientific publications; - Any other supporting evidence that can be considered relevant and useful for the admission proceedings. If the candidate is not yet graduated, the average grade of his/her university curriculum will be taken into consideration. The following step of the evaluation proceedings (i.e., the assessment of the research project) will be undertaken upon condition that the applicant receives at least 18 out of 100 at this stage.
Evaluation of a project proposal	**Maximum score for the research project proposal: 30 out of 100** The research project proposal must be submitted online jointly with the admission form. The research project must consist of a written proposal, either in Italian or in English, on topics related to the Sustainable Development Goals

	(SDGs - UN 2030 Agenda, https://sdgs.un.org/goals) or, in any case, argued in correlation with the SDGs, maximum length of 25,000 characters (spaces excluded), and shall be drafted according to the following requirements: 1. Author 2. Title 3. Short literature review 4. Research questions and purposes 5. Methodology 6. References. Only applicants who receive at least 18 out of 100 in the evaluation of their research proposal will be admitted to the interview.
Interview	**Maximum score for the interview: 40/100** The interview will focus to debate about the research project proposal and the candidate's curriculum vitae/publications. Furthermore, the interview also aims at assessing candidate's English proficiency. Applicants may be allowed to be interviewed remotely by video conference, pursuant to the prescriptions envisaged by Article 10, paragraphs 6 and 7 of the Call for Admissions. At the end of the whole evaluation process, candidates with an overall score lower than 70 out of 100 will not be admitted to the PhD Programme.
Place and date of the interview	The scheduled dates for the interview are the following: September 17, 2025 at 15:00 hours (Italian Time) and on September 18, 2025, at 10:30 a.m (Italian Time). The venue set for the interviews will be published at least 20 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Contact information of the PhD Programme	Prof. Nadia Maccabiani, Department of Economics and Management, email: nadia.maccabiani@unibs.it Dott.ssa Francesca Guerini, email: francesca.guerini@unibs.it
Academic and research PhD activity	https://permalink.unibs.it/phd/bl/en

CIVIL AND ENVIRONMENTAL ENGINEERING, INTERNATIONAL COOPERATION AND MATHEMATICS	
Scientific areas	01 - Mathematical and Computing Sciences; 02 – Physical Sciences; 04 - Geological Sciences (Scienze della Terra); 06 - Medical Sciences; 07 - Agricultural and Veterinary Sciences; 08a - Civil Engineering; 08b – Architecture; 11a - Historical, Philosophical and Pedagogical Sciences; 13a - Economical and Statistical Sciences.
Macro areas	01/A; 02/A; 04/A; 06/D; 07/D; 07/E; 08/A; 08/B; 08/D; 08/E; 08/F; 11/A; 11/B; 13/D.
Duration	3 years
Starting date	November 1st, 2025
Proposing Structure	Department of Civil, Environmental, Architectural Engineering and Mathematics
Coordinator	Prof. Marco Pilotti

Curricula	The research activity concerns specific topics pertaining to the different curricula: Appropriate Methodologies and Techniques for International Development Co-operation (Health track and Technology track) - Mathematical Methods and Models for Engineering - Natural Risks Assessment and Management - Structural Rehabilitation of Historical and Modern Buildings - Technologies and Processes for the Environment and Agriculture - Urban Planning and Mobility
Admission requirements	All University Degrees of the type enlisted below are eligible: A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities. For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners. The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the Treaties or international agreements on recognition of university degrees for the continuance of studies. **Bachelor's Degrees are not admitted.** Undergraduates can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career.
Total number of posts available	**n. 13**, subdivided as follows: - n. 10 posts benefiting of a scholarship / other forms of financial support and - n. 3 posts without scholarship / other forms of financial support
Posts without a research topic (among those already available)	**(CODES A1-A2-A3-A4)** n. 4 posts benefiting of a scholarship financed by the University of Brescia
Posts linked to a research topic (among those already available)	**(CODE B)** n. 1 ordinary post benefitting a scholarship co-financed by the University of Brescia and by the funds of the Department of Civil Engineering, Architecture, Territory, Environment and Mathematics, released by prof. Barbara Badiani, having a research topic in "*Sustainable and participatory governance of the Brescia landscape: multidisciplinary studies and the perspective of a permanent observatory*" **(CODE C)** n. 1 ordinary post benefitting a scholarship co-financed by the University of Brescia and by the funds of the Department of Civil Engineering, Architecture, Territory, Environment and Mathematics, released by prof. by Prof. Benedetto Barabino, having a research topic

	in "*Rethinking Urban Road Safety: An innovative approach for Risk Assessment*".
Out of which reserved posts	**(CODES P1-P2)** **n. 2** - 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.
	(CODES CH1-CH2) **n. 2** posts benefiting of a scholarship, reserved to candidates eligible under the European Call HORIZON-MSCA-2022-COFUND-01-01 "CHORAL". Candidates are in the process of being identified through a separate EU evaluation procedure.
Out of which posts not benefiting a scholarship (among those already available)	**(CODES OSB1-OSB2-OSB3)** **n. 3** posts without scholarship / other forms of financial support
Selection Procedure	
Evaluation of Curriculum Vitae and academic / professional history / Publications, etc.	**University Degree Thesis: up to 10 points**. For candidates pending to graduate, at most 10 points will be assigned, according to the following criterion: (average - 101) +1 being the average of the candidate's votes converted into hundredths **Further qualifications: up to 10 points**.
Presentation of a project proposal	The application form must include the presentation of a research project. Those candidates interested in one of the following curricula must submit a research project that fits into one of the topics listed below: Natural Risks Assessment and Management: - Hydrological processes and adaptation strategies to variations caused by climatic and anthropogenic stressors. The candidate describes the expected impacts of climate change and of anthropogenic pressures on the hydrologic cycle and possible structural and nonstructural adaptation measures in the urban context or in agriculture. - Analysis of the impact of river currents in deep lakes: The candidate should propose a possible modeling chain aimed at the numerical simulation and prediction of river floods in the basin drained by a lake, at the characterization of the sediment transport and its entry into a deep and stratified lake. In the discussion, the data to be acquired to support the modeling activity should be highlighted. Mathematical Methods and Models for Engineering: The candidate discusses a research proposal on - Partial differential equations for the description of physical phenomena. The candidate describes some analytical methods for the qualitative study of the solutions, and techniques for their numerical simulation. - Models for the mechanics of solids and fluids. The candidate describes modern applications and/or analytical and numerical methods that he/she intends to develop in the doctorate. Appropriate Methodologies and Techniques for International Development Cooperation:

- Technology track:

The candidate illustrates the main problems related to the management of water for human use in developing contexts. After having hypothesized a specific problem in a context with limited resources, chosen by the candidate, a research project is developed aimed at identifying appropriate solutions to ensure sustainable management of the problem. The proposed research project must clearly present the objectives, methodology and expected scientific results.

- Health track:

With reference to the Sustainable Development Goal (SDG) n. 3 (Ensure health and well-being for all at all ages) and in particular target 3.3 (By 2030, eliminate HIV, tuberculosis and malaria, and control infections by hepatitis viruses, infections transmitted by water and other infectious diseases). The candidate should outline the issues related to tuberculosis in low-resource countries. Taking into consideration a specific context in the Central Asia area, at the candidate's choice, a plan should be developed aimed at reducing the impact of tuberculosis with a 5-year horizon. The candidate is asked to articulate, in order of priority, the problems prevalent in the country and the targeted interventions to mitigate their impact.

Urban Planning and Mobility:

1. Starting from the definition of risk, the candidate develops a possible research topic on risk mitigation, acting on the systemic vulnerability of an urban area. The research project is part of the development of risk models for the evaluation of the safety of urban systems. As part of the research project, among other things, the PhD student will participate in the implementation of a decision support system for the analysis of the safety performance of an urban and/or extra-urban network.

2. Starting from the definition of resilience, the candidate sets up a research project on the analysis of vulnerability and exposure of transport infrastructures in conditions of physical danger. As part of the research project, the PhD student will participate in the implementation of a decision support system for the analysis of the performance of transport systems. Specifically, the following will be of particular interest: big data analysis in the field of mobility and monitoring of road infrastructures.

Structural Rehabilitation of Historical and Modern Buildings:

- The candidate discusses a research project concerning innovative reinforcement techniques on existing structural elements (of buildings, structures and infrastructures).
- The candidate discusses a research project concerning the use of advanced materials for the structural rehabilitation of existing structural elements (of buildings, structures and infrastructures)

Technologies and Processes for the Environment and Agriculture:

The candidate will propose a research project with a theme concerning one of the following topics:
1. The design or management of processes, solutions and technologies for environmental protection and/or environmental remediation;

2. Sustainable management of natural resources;

3. The minimisation, valorisation and recovery of resources from wastewater and waste of urban or industrial origin in the context of the circular economy;

4. The managerial and technological problems inherent in water purification in the light of climate change and emerging pollutants

5. The development of production strategies for sustainability in agriculture;

6. Technologies for the ecological transition in agriculture;

7. The use of agriculture as a landscape management and hydrogeological hazard mitigation technique.

8. Analysis and evaluation of biodiversity and ecosystem services

With reference to the scholarship (**CODE B**), having the research topic in "*Sustainable and participatory governance of the Brescia landscape: multidisciplinary studies and the perspective of a permanent observatory*", the application for participation must include a report demonstrating the candidate's ability to set up a research project relevant to the topic.

In particular, the text must highlight the mastery of the regulatory framework with respect to the theme of landscape protection. Furthermore, knowledge of operational tools useful for obtaining a cognitive framework of landscape characteristics is required, the ability to synthetically describe the chosen methodological approach – for example, integration of multi-scale analysis supported by GIS systems and participatory co-design procedures – and the indication of the main qualitative and quantitative indicators that are intended to be used for the assessment of the landscape framework. It will also be necessary to mention the potential scientific and applicative implications in line with art. 6 of the European Landscape Convention and with innovative sustainability and spatial justice strategies. This report will be a determining criterion for the selection, together with the evaluation of qualifications and the final interview.

With reference to the scholarship (**CODE C**), having the research topic in "*Rethinking Urban Road Safety: An innovative approach for Risk Assessment*", the application for participation must include the presentation of a report demonstrating the candidate's ability to develop a research project related to road safety in urban areas. In particular, the candidate will be asked to develop a research topic focused on the estimation of the risk of accidents in urban areas with particular reference to vulnerable users. Subsequently, the mathematical tools available for its estimation must be analyzed. The results of the research project must be explored in light of possible applications in the sector of planning and management of road infrastructures. The project is part of the broader objective of building risk models aimed at assessing the safety of urban systems.

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In order to correctly evaluate the research project, the candidate must:
• indicate on the research project the reference curriculum or type of scholarship among those listed above he/she refers to
• Structure the research project paper with a maximum of 25,000 characters as follows:
1. Author
2. Title

	3. A brief literature review 4. Motivations behind the research 5. Hypotheses and research design 6. Methods and tools 7. References. The research project proposal must be uploaded on-line upon submission of the application. **Maximum score: 40 points.** Minimum score to be admitted to the interview: 24 points.
Interview	The interview will focus on the PhD Programme main topics and on the research project proposal, envisaging a maximum of 40 points. Minimum score to pass the interview: 24 points. Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 10, paragraphs 6 and 7 of the Call for Admissions.
Place and date of the interview	The date (and, if needed, the venue) of the interview will be published at least 20 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Academic contact information of the PhD Programme	By Curricula Appropriate Methodologies and Techniques for International Development Cooperation: sabrina.sorlini@unibs.it Mathematical Methods and Models for Engineering: hynek.kovarik@unibs.it Natural Risks Assessment and Management: giovanna.grossi@unibs.it Structural Rehabilitation of Historical and Modern Buildings: fausto.minelli@unibs.it Technologies and Processes for the Environment and Agriculture: stefano.barontini@unibs.it Urban Planning and Mobility: michele.pezzagno@unibs.it
Academic and research PhD activity	https://permalink.unibs.it/phd/dicacim/en https://permalink.unibs.it/phd/dicacim/site

ENERGY TRANSITION AND SUSTAINABLE PRODUCTION SYSTEMS	
Scientific areas	01 - Mathematical and computer sciences; 02 – Physical Sciences; 03 – Chemical Sciences; 06 Medical Sciences; 08 - Civil Engineering and Architecture; 09 - Industrial and Information Engineering; 12 - Law; 13 - Economic and statistical sciences; 14 – Political and Social Sciences
Macro areas	01/A - mathematical analysis, probability and mathematical statistics; 02/A – Physics of Fundamental Interactions; 03/B - Inorganic Chemistry and Applied Technologies; 06/M – Public Health; 08/B – Structural and Geotechnical Engineering; 09/A – Mechanical and Aerospace Engineering and Naval Architecture; 09/B – Manufacturing, Industrial and Management Engineering; 09/C – Energy, Thermomechanical and Nuclear Engineering; 09/D – Chemical and Materials Engineering; 09/E – Electrical and Electronic Engineering and Measurements; 09/G – Systems Engineering and Bioengineering; 12/E – International, European Union, Comparative, Economic and Market Law; 13/A – Economy; 14/D – Sociology of economic processes, work, environment and territory.
Duration	3 years

Starting date	November 1st, 2025
Proponent Structure	Department of Mechanical and Industrial Engineering
Coordinator	Prof. Marialuisa Volta
Curricula	- Curriculum in Energy Transition - Curriculum in Sustainable production systems
Admission requirements	All University Degrees of the type enlisted below are eligible: A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities. For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners. The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the Treaties or international agreements on recognition of university degrees for the continuance of studies. **Bachelor's Degrees are not admitted.** Undergraduates can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career.
Total number of posts available	**n. 10** - n. 8 posts benefiting of a scholarship or other forms of financial support - n. 2 posts without scholarship or other financial support.
Posts without a research topic (among those already available)	**(CODES A1-A2)** n. 2 posts benefiting of a scholarship financed by the University of Brescia
Posts linked to a research topic (among those already available)	**(CODE B)** **n. 1** ordinary post benefitting a scholarship co-financed by the University of Brescia and by the funds of the project "Low energy technologies for recovery of high-grade phosphorus - RHIGUS", within the Call PRIN 2022 (D.D. no. 104 dated 02- 02-2022) provisions for the scrolling of the ranking (DD. no. 1401 dated 18-09- 2024) – Decree of approval of the final ranking list no. 18508 dated 08/10/2024, CUP D53C24003220006, released by prof. Elza Bontempi, having the research topic in "*Phosphorus recovery with new sustainable technologies*" **(CODE C)** **n. 1** ordinary post benefitting a scholarship co-financed by the University of Brescia and by the funds of the contract with the company Progress Tech Transfer s.r.l., CUP D83C23000930007, released by prof. Elza Bontempi, having the research topic in "*Technologies for CO₂ sequestration*"

	(CODE D) **n. 1** ordinary post benefitting a scholarship co-financed by the University of Brescia and by the funds of the project with the company BMW - BAYERISCHE MOTOREN WERKE AG, CUP D73C25000680007, released by prof. prof. Alberto Salvadori, having the research topic in "*Modelling and Simulation of 2-Way Interactions between Mechanics and Electro-Chemistry for Lithium Plating in ASSB*" **(CODE E)** **n. 1** ordinary post benefitting a scholarship co-financed by the University of Brescia and by the funds of the project 19_ZANONI_ICCEE_UE, CUP D84I19000500006, released by prof. Simone Zanoni, having the research topic in "*Boosting energy transition of food supply chains*"
Out of which reserved posts	**(CODES P1-P2)** **n. 2** -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.
Out of which posts not benefiting a scholarship (among those already available)	**(CODES OSB1-OSB2-OSB3)** - **n. 3** posts without scholarship / other forms of financial support
Selection Procedure	
Evaluation of Curriculum Vitae and academic / professional history / Publications, etc.	**Maximum score: 20/100**. Eligible documentation: - University curriculum, including the specification of the degree achieved or to be achieved, title and one - page summary of the Master thesis (or of a document similar to the thesis drawn up during the foreign university course for candidates having an eligible University Degree achieved in a non-Italian University), and transcript of academic records - Scientific publications - Any other supporting documentation and qualifications that can be considered relevant and useful for the admission evaluation process.
Evaluation of a project proposal	**Maximum score for the research project proposal: 40/100** The research project proposal must be submitted on-line jointly with the admission form. The topic of the research project must fall within research activities that are relevant to any of the curricula of the PhD Programme. The research project must be presented as a written proposal, in either Italian or English, with a maximum length of 25.000 characters (excluding spaces), and should be organized as follows: 1. Author 2. Title 3. Summary of State-of-the-art 4. Main motivations and goals of the proposed research proposal 5. Detailed description of the research project 6. Proposed scientific methodology 7. Bibliographic references.

	Only candidates who score at least 24 points in the evaluation of their research proposal will be admitted to the interview.
Interview	**Maximum score at the interview: 40/100** The interview will focus to discuss about the research project, about the publications and the academic and professional qualifications outlined by the candidate. The interview is inclusive of the evaluation of the knowledge of the English language. Only candidates who score at least 24 points in the interview will be considered eligible. Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 10, paragraphs 6 and 7 of the Call for Admission.
Place and date of interview	The date (and, if needed, the venue) of the interview will be published at least, 20 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Academic contact information of the PhD Programme	Prof. Marialuisa Volta, email: marialuisa.volta@unibs.it
Academic and research PhD activity	https://permalink.unibs.it/phd/tesps/en https://permalink.unibs.it/phd/tesps/site

INFORMATION ENGINEERING	
Scientific areas	09 – Industrial and Information Engineering; 01 – Mathematical and Information Sciences; 02 – Physical Sciences; 03 – Chemical Sciences
Macro areas	01/A Mathematics 01/B Computer Technology 02/B Physics of Matter 02/A Physics of Fundamental Interactions 03/A - Analytical, Physical-chemistry 03/B - Inorganic-technological 03/C - Organic-Industrial 05/E - Biochemistry and experimental and clinical molecular biology 07/E – Chemistry and agricultural genetics 09/E Electrical Engineering, Electronics and Measures 09/F Telecommunications Engineering and Electromagnetic Fields 09/G Systems and Bio Engineering 09/H Computer Engineering
Duration	3 years
Starting date	November 1st, 2025
Proponent Structure	University of Brescia, Department of Information Engineering
Coordinator	Prof. Ivano Alessandri
Curricula	- Curriculum in Electronic Engineering, Sensors and Instrumentation - Curriculum in Computer Science/Engineering and Control Systems - Curriculum in Telecommunication Engineering - Curriculum in Physical, Chemical and Mathematical Sciences for Engineering NOTE: Candidates are requested to attach to their submitted admission form a written list, ordered by preference, of the curricula they are interested in. Otherwise, candidates admitted to the interview shall express their

	preference of curricula at the interview.
Admission requirements	All types of University degree. A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities. For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners. The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the Treaties or international agreements on recognition of university degrees for the continuance of studies. **Bachelor's Degrees are not admitted**. Undergraduates can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career. Preferential requirement is the relevance of the undergraduate University Degree awarded in the topics of the PhD Programme of Information Engineering.
Total number of posts available	**n. 1**: - n. 1 posts benefiting of a scholarship / other forms of financial support
Out of f which posts without a research topic (among those already available)	n. 0
Out of f which posts linked to a research topic (among those already available)	**(CODE B)** n. 1 ordinary post benefitting a scholarship financed by the project AI4WATER, released by prof. Ivan Serina, having a research topic in "*AI Technologies for Monitoring and Predictive Management of Water Resources in Coastal Agricultural Basins*"
Out of which reserved posts	n. 0
Out of which posts not benefiting a scholarship (among those already available)	n. 0
Selection Procedure	

Evaluation of Curriculum Vitae/Publications, etc.	**Maximum score: 20/100** Eligible documentation: - University curriculum, including the specification of the degree achieved or to be achieved, title and one-page summary of the Master thesis, and transcript of academic records taken to obtain the degree and specialist/master's degree or, for candidates with eligible title obtained in a non-Italian University, a document analogous and equivalent to the Master thesis. - Previous study experience in prominent international research centers - Any other supporting documentation and qualifications that can be considered relevant and useful for the admission evaluation process.
Evaluation of a project proposal	**Maximum score for the research project proposal: 40/100** The research project proposal must be submitted online jointly with the admission form. The topic of the research project must fall within research activities that are relevant to any of the curricula of the PhD Programme. The research project must be presented as a written proposal, in either Italian or English, with a maximum length of 25.000 characters (excluding spaces), and should be organized as follows: 1. Author 2. Title 3. Summary of State-of-the-art 4. Main motivations and goals of the proposed research proposal 5. Detailed description of the research project 6. Proposed scientific methodology 7. Bibliographic references. Only candidates who score at least 24 points in the evaluation of their research proposal will be admitted to the interview.
Interview	**Maximum score for the interview: 40/100.** Minimum score to be included in the list of eligible candidates: 24/100 Interview includes to discuss on the research project proposal the candidates' present; on the possible list of publications and qualifications presented by the candidate, and an oral evaluation of English language skills. Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 10, paragraphs 6 and 7 of the Call for Admissions.
Place and date of the interview	The date (and, if needed, the venue) of the interview will be published at least 20 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Contact information of the PhD Programme	Prof. Ivano Alessandri email: ivano.alessandri@unibs.it Mrs. Rosaria Nardo – Secretariat Department of Information Engineering: rosaria.nardo@unibs.it
Academic and research PhD activity	https://permalink.unibs.it/phd/drii/site https://permalink.unibs.it/phd/drii/en

MECHANICAL AND INDUSTRIAL ENGINEERING	
Scientific areas	01 – Mathematical and Information Sciences; 02 – Physical Sciences; 03 – Chemical Sciences; 08 – Civil Engineering and Architecture; 09 – Industrial and Information Engineering; 12 – Law Sciences; 13 –

	Economical and Statistical Sciences; 14 – Social and Political Sciences
Macro areas	01/A - mathematical analysis, probability and mathematical statistics
	02/A – Physics of Fundamental Interactions
	03/B - Inorganic Chemistry and Applied Technologies
	08/B – Structural and Geotechnical Engineering
	09/A – Mechanical and Aerospace Engineering and Naval Architecture
	09/B – Manufacturing, Industrial and Management Engineering.
	09/C – Energy, Thermomechanical and Nuclear Engineering
	09/D – Chemical and Materials Engineering
	09/E – Electrical and Electronic Engineering and Measurements
	09/G – Systems Engineering and Bioengineering
	12/E – International, European Union, Comparative, Economic and Market Law
	13/A - Economy
	14/D – Sociology of economic processes, work, environment and territory.
Duration	3 years
Starting date	November 1st, 2025
Proponent Structure	Department of Mechanical and Industrial Engineering
Coordinator	Prof. Pietro Poesio
Curricula	Curriculum in Smart Factory and Advanced Manufacturing Industry
	Curriculum in Sustainable Mobility
	Curriculum in Health and Well-being
	Curriculum in Production systems, safety, environment, and quality of work
	Curriculum in Development of basic and methodological knowledge
Admission requirements	All University Degrees of the type enlisted below are eligible.
	A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities.
	For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners.
	The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the Treaties or international agreements on recognition of university degrees for the continuance of studies.
	Bachelor's Degrees are not admitted.
	Undergraduates can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career.
	Proficiency in English is required
Total number of posts available	**n. 9**:
	- n. 7 posts benefiting of a scholarship / other forms of financial

	support and - n. 2 posts without scholarship / other forms of financial support
Posts without a research topic (among those already available)	**(CODICE A1-A2-A3)** n. 3 posts benefiting of a scholarship financed by the University of Brescia
Posts linked to a research topic (among those already available)	**(CODE B)** **n. 1** ordinary post benefiting of a scholarship co-financed by the University of Brescia and by the project "Transformation of plastic waste in Electrocatalysts, Supported by exhausted gases recovery Layout (TESLA)", CUP D73C23000700007, financed by the Fondazione Cariplo, released by prof. Stefania Federici, having a research topic in "*Development of physico-chemical techniques for the study of plastics and microplastics and their impact on environmental systems*" **(CODE C)** **n. 1** ordinary post benefiting of a scholarship co-financed by the University of Brescia and by the project "MES4RES - Measurement Model to assess Resilience of Manufacturing companies", Call PRIN 2022 (D.D. n. 104 date 02/02/2022), provisions for the scrolling of the ranking (D.D. n. 1401 dated 18/09/2024), Decree of approval of the final ranking list no. 18530 dated 08/10/2024, CUP D53C24003930006, released by prof. Nicola Pellegrini, having a research topic in "*Models and strategies for the resilience and environmental sustainability of product-service supply chains*"
Out of which reserved posts	**(CODES P1-P2)** **n. 2** - 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.
Posts without a research topic (among those already available)	**(CODES OSB1-OSB2)** - n. 2 posts without scholarship / other forms of financial support
Selection Procedure	
Evaluation of Curriculum Vitae/Publications, etc.	**Maximum score: 20/100** Eligible documentation: - University curriculum, including the specification of the degree achieved or to be achieved, title and one - page summary of the Master thesis (or of a document similar to the thesis drawn up during the foreign university course for candidates having an eligible University Degree achieved in a non-Italian University), and the transcript of academic records - Scientific publications - Any other supporting documentation and qualifications that can be considered relevant and useful for the admission evaluation process.
Evaluation of a project proposal	**Maximum score for the research project proposal: 40/100** The research project proposal must be submitted on-line jointly with the admission form. The topic of the research project must fall within research activities that are relevant to any of the curricula of the PhD Programme. The research project must be presented as a written proposal, in either Italian or English, with a maximum length of 25.000 characters

	(excluding spaces), and should be organized as follows:
	1. Author
	2. Title
	3. Summary of State-of-the-art
	4. Main motivations and goals of the proposed research proposal
	5. Detailed description of the research project
	6. Proposed scientific methodology
	7. Bibliographic references.
	Only candidates who score at least 24 points in the evaluation of their research proposal will be admitted to the interview.
Interview	**Maximum score at the interview: 40/100**
	The interview will focus to debate about the academic and professional qualifications outlined by the candidate, on a thematic area of the PhD Programme and will be designed to assess the motivation and ability of the candidate to scientific research. The interview is inclusive of the evaluation of the knowledge of the English language.
	Only candidates who score at least 24 points in the interview will be considered eligible.
	Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 10, paragraphs 6 and 7 of the Call for Admissions.
Place and date of the interview	The date (and, if needed, the venue) of the interview will be published at least 20 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Contact information of the PhD Programme	Prof. Pietro Poesio, email: pietro.poesio@unibs.it
Academic and research PhD activity	https://permalink.unibs.it/phd/drimi/site https://permalink.unibs.it/phd/drimi/en

MOLECULAR GENETICS, BIOTECHNOLOGIES AND EXPERIMENTAL MEDICINE	
Scientific areas	02 – Physical Sciences; 05 – Biological Sciences; 06 – Medical Sciences
Macro areas	02/D; 05/E; 05/F; 05/H; 05/I; 06/A; 06/C; 06/D; 06/F; 06/G; 06/H; 06/M; 06/N; 11/E
Duration	3 years
Starting date	November 1st, 2025
Proponent Structure	Department of Molecular and Translational Medicine
Coordinator	Prof. Alessandro Barbon (Advocate)
Curricula	- Molecular Genetics Applied to Medical Sciences
	- Biotechnologies for the Health and the Environment
	- Forensic Medical Sciences
Admission requirements	LMG/01 University Degree in Law
	LM-6 Biology
	LM-7 Agricultural Biotechnologies
	LM-8 Industrial Biotechnologies
	LM-9 Medical, Veterinary and Pharmaceutical Biotechnologies
	LM-13 Pharmacy and Industrial Pharmacy
	LM-17 Physics
	LM-18 Computing
	LM-21 Biomedical Engineering

	LM-22 Chemical Engineering
	LM-41 Medicine and Surgery
	LM-42 Veterinary Medicine
	LM-46 Dentistry and dental prostheses
	LM-51 Psychology
	LM-54 Chemical Sciences
	LM-55 Cognitive Sciences
	LM-70 Food Sciences and Technologies
	LM-82 Statistical Sciences
	A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities.
	For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners.
	The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the Treaties or international agreements on recognition of university degrees for the continuance of studies.
	Bachelor's Degrees are not admitted.
	Undergraduates can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career.
	Proficiency in English is required.
Total number of posts available	**n. 8**: - n. 6 posts benefiting of a scholarship / other forms of financial support and - n. 2 post without scholarship / other forms of financial support
Posts without a research topic (among those already available)	**(CODES A1-A2-A3-A4)** n. 4 posts benefiting of a scholarship financed by the University of Brescia
Posts linked to a research topic (among those already available)	None
Out of which reserved posts	**(CODES P1-P2)** **n. 2** - 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.
Out of which posts not benefiting a scholarship (among those already available)	**(CODES OSB1-OSB2)** **n. 2** posts without scholarship / other forms of financial support
Selection Procedure	

Evaluation of Curriculum Vitae/Publications, etc.	**Maximum score 25 points, as follows**: - Master's Degree final maximum score: 7. If the candidate is not yet graduated, instead of the final grade the average grade of the passed exams will be taken into consideration - Publications and abstracts in extenso, maximum score: 6 - Other qualifications (specialization, master, lab training, conference attendance, language certificates, PhD Degrees, etc.); maximum score: 6 - Other activities (research, professional activities, etc.) that are relevant for the PhD Programme or one of the curricula); maximum score: 6.
Evaluation of a project proposal	Not envisaged
Interview	**The interview has a maximum score of 75 points**. The interview is passed if the candidate obtains a mark of at least 45. The interview will focus to discuss the candidates' qualifications provided; on a thematic area of at least one of the curricula indicated by the candidate and will be designed to assess the motivation and ability of the candidate to scientific research. The interview is inclusive of the evaluation of the knowledge of the English language. Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 10, paragraphs 6 and 7 of the Call for Admissions. Those candidates taking the interview remotely must enclose in their online application the "On-line interview form", downloadable from the website, duly completed and signed, also indicating your remote connection contact.
Place and date of the interview	The date (and, if needed, the venue) of the interview will be published at least, 20 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Contact information of the PhD Programme	Prof. Alessandro Barbon (Advocate), email: alessandro.barbon@unibs.it Secretariat of the PhD Programme, Mr. Giannantonio Sampognaro, email: giannantonio.sampognaro@unibs.it
Academic and research PhD activity	https://permalink.unibs.it/phd/genetica/en

PRECISION MEDICINE	
Scientific areas	02-Physical Sciences, 03-Chemical Sciences, 05- Biological Sciences; 06-Medical Sciences
Macro areas	02/B, 03/B, 03/D, 05/E, 05/F, 05/G, 06/A, 06/C, 06/D, 06/M
Duration	3 years
Starting date	November 1st, 2025
Proponent Structure	Department of Molecular and Translational Medicine
Coordinator	Prof. Stefania Maria Filomena Mitola
Curricula	Not envisaged
Admission requirements	The following University Degrees achieved in Italy: LM-6 Biology

	LM-8 Industrial Biotechnologies
	LM-9 Medical, Veterinary and Pharmaceutical Biotechnologies
	LM-13 Pharmacy and Industrial Pharmacy
	LM-17 Physics
	LM-18 Informatics
	LM-21 Biomedical Engineering
	LM-22 Chemical Engineering
	LM-32 Information Engineering
	LM-41 Medicine and Surgery
	LM-42 Veterinary Medicine
	LM-51 Psychology (Neuroscience and Neuropsychological Rehabilitation) "Clinical Psychology"
	LM-54 Chemistry
	LM-55 Cognitive Sciences
	LM-60 Nature Sciences
	LM-61 Science of Human Nutrition
	LM-67 Science and Technology of Preventive and Adaptive Physical Activities
	LM-67 Science and Technology of Preventive and Adaptive Physical Activities (professional enrolment A030)
	LM-70 Food science and technology
	LM-71 Industrial Chemical Sciences and Technologies
	LM-82 Statistical Sciences
	LM-91 Techniques and methods for the information society
	LM/SNT1 Nursing and Midwifery Sciences
	LM/SNT2 Rehabilitation Sciences of Health Professions
	LM/SNT3 Sciences of Technical Health Professions
	LM/SNT4 Prevention Health Professions Sciences
	A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities.
	For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners.
	The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the Treaties or international agreements on recognition of university degrees for the continuance of studies.
	Bachelor's Degrees are not admitted.
	Undergraduates can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career.
Total number of posts available	**n. 12**:
	n. 9 posts benefiting of a scholarship / other forms of financial support

	and
	- n. 3 posts without scholarship / other forms of financial support
Posts without a research topic (among those already available)	**(CODES A1-A2-A3)** n. 3 posts benefiting of a scholarship financed by the University of Brescia
Posts linked to a research topic (among those already available)	**(CODICE B)** **n. 1** ordinary post benefiting of a scholarship co-financed by the University of Brescia and by the project Call PRIN 2022 (D.D. n. 104 dateD 02/02/2022), provisions for the scrolling of the ranking (D.D. n. 1401 dated 18/09/2024) entitled "More than meets the I-motif and G-quadruplex: light-up probes for sensing non-canonical DNA structures in cells", CUP D53C24003200006, released by prof. Alessandra Gianoncelli, having a research topic in "*Experimental and computational studies on the molecular mechanisms of the interaction between drug candidates and I-motif and G-quadruplex structures*" **(CODE C)** **n. 1** ordinary post benefiting of a scholarship co-financed by the University of Brescia and by the Institute IRCCS Centro San Giovanni di Dio Fatebenefratelli, having a research topic in "*Precision medicine in psychiatry: systems biology of antidepressant response*" **(CODE D)** **n. 1** ordinary post benefiting of a scholarship financed by the project RICINT_2024_HORIZON_PREDICTFTD_BORRONI, released by prof. Barbara Borroni, having a research topic in "*Frontotemporal disease and neurodegenerative dementias: diagnostic and outcome markers*" **(CODE E)** **n. 1** ordinary post for candidates being private and public administration employees that envisage the upholding of the salary treatment promoted by the Institute Zooprofilattico Sperimentale della Lombardia e Dell'Emilia "Bruno Ubertini" Romagna (IZSLER), having a research topic in "*Develop a pipeline for the analysis at various levels of microorganisms of health interest also from a One Health perspective both from a taxonomic point of view and from a virulence/AMR point of view*"
Out of which reserved posts	**(CODES P1-P2)** **n. 2** - 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.
Out of which posts not benefiting a scholarship (among those already available)	**(CODES OSB1-OSB2-OSB3)** **n. 3** posts without scholarship / other forms of financial support
Selection Procedure	
Evaluation of Curriculum Vitae/Publications, etc.	**Maximum score: 30/100** - Undergraduate University degree final score: maximum score 20/100 - Average grade of examinations passed during the course (only for undergraduates who will pass the degree examination by the start date of the PhD Programme activities): maximum score 20/100 - Publications: maximum score 4/100 - Presentations to scientific meetings: maximum score 2/100

	- Post-graduate specialization degrees: maximum score 1/100 - Other qualifications: educational courses and stages, conference attendance, English language certificates: maximum score 3/100.
Evaluation of a project proposal	Not envisaged
Interview	**Maximum score: 70/100** Interview on one of the thematic areas of the curriculum indicated by the candidate; it envisages to debate about the candidates' qualifications provided; evaluation of the knowledge of English language; evaluation of communication skill and motivation to research. The interview is passed if the achieved score is no lower than 30/100. Knowledge of the Italian language is not required to foreign candidates. Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 10, paragraphs 6 and 7 of the Call for Admission.
Place and date of the interview	The date (and, if needed, the venue) of the interview will be published at least, 20 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Contact information of the PhD Programme	Precision Medicine Secretariat: segreteria.precisionmedicine@unibs.it
Academic and research PhD activity	https://permalink.unibs.it/phd/precmed/en

RIGHTS, PERSON, INNOVATION AND MARKET

Scientific areas	Area 12 (Law Sciences)
Macro areas	IUS/01, IUS/02, IUS 03, IUS/04, IUS/07, IUS/08, IUS/09, IUS/10, IUS 11, IUS/12, IUS/13, IUS 14, IUS/15, IUS 16, IUS/17, IUS/18, IUS 19, IUS 20, IUS/21
Duration	3 years
Starting date	November 1st, 2025
Proponent Structure	Department of Law
Coordinator	Prof. Luca Mario Masera
Curricula	Not Envisaged
Duration	All University Degrees of the type enlisted below are eligible: A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities. For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners. The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the Treaties or international agreements on recognition of university degrees for the

	continuance of studies. **Bachelor's Degrees are not admitted.** Undergraduates can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career. Proficiency in English is required
Total number of posts available	**n. 8** - n. 6 posts benefiting of a scholarship / other forms of financial support and - n. 2 posts without scholarship / other forms of financial support
Posts without a research topic (among those already available)	**(CODES A1-A2-A3-A4)** **n. 4** posts benefiting of a scholarship financed by the University of Brescia
Posts linked to a research topic (among those already available)	None
Out of which reserved posts	**(CODES P1-P2)** **n. 2** - 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.
Out of which posts not benefiting a scholarship (among those already available)	**(CODES OSB1-OSB2)** **n. 2** posts without scholarship / other forms of financial support
Selection Procedure	
Admission requirements	**Maximum score applied to candidates' qualifications: 30/100** Eligible qualifications: - Master's thesis (or a similar document drawn up during the foreign university course for candidates having an eligible University Degree achieved in a non-Italian University) and the related academic curriculum: maximum 20 scores; - Scientific Publications and other qualifications deemed congruent and useful for valuation purposes: maximum 10 scores. If the candidate is not yet graduated, instead of the final grade the average grade of the passed exams will be considered. The following step of the evaluation process (that is, the evaluation of the research project) will be not addressed unless the candidate receives at least 15/100 at this stage.
Evaluation of a project proposal	**Maximum score for the research project proposal: 40/100** The research project proposal must be submitted online jointly with the admission form. The research project must be presented as a written proposal, in either Italian or English, with a maximum length of 25,000 characters (excluding spaces), and should be organized as follows:

	1. Author; 2. Title; 3. Short literature review; 4. Research questions and objectives; 5. Methodology; 6. References. Only candidates who receive at least 20/100 in this evaluation phase will be admitted to the interview.
Interview	**Maximum score at the interview: 30/100** The interview will focus to debate about the research project proposal and the candidate's curriculum vitae/publications. Furthermore, the interview also aims at assessing candidate's proficiency in English language. Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 10, paragraphs 6 and 7 of the Call for Admission. At the end of the entire evaluation process, candidates with an overall score lower than 70/100 will not be admitted to the PhD Programme.
Place and date of the interview	The interview will take place on September 16, 2025 from 10.00 a.m. (Italian Time) at the Department of Law (Dipartimento di Giurisprudenza) of the University of Brescia in via San Faustino no. 41, Brescia. The venue of the interview will be published will be published at least 20 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078 .
Contact information of the PhD Programme	Prof. Luca Mario Masera, Department of Law, e-mail luca.masera@unibs.it
Academic and research PhD activity	https://permalink.unibs.it/phd/diritti-persona/en

TECHNOLOGY FOR HEALTH	
Scientific areas	03 - Chemical Sciences; 05 - Biological Sciences; 06 - Medical Sciences; 09 - Industrial and Information Engineering.
Macro areas	03/B2; 03/D2 05/D1; 05/G1; 06/A2; 06/E3; 06/F1; 06/I1; 06/M2; 09/D1; 09/E4; 09/F1; 09/F2; 09/G1; 09/G2; 09/H1
Duration	3 years
Starting date	November 1st, 2025
Proposing Structure	Department of Information Engineering
Coordinator	Prof. Mauro Serpelloni
Curricula	Not envisaged
Admission requirements	LM-6 Biologia LM-7 Biotecnologie agrarie LM-8 Biotecnologie industriali LM-9 Biotecnologie mediche, veterinarie e farmaceutiche LM-12 Design LM-13 Farmacia e farmacia industriale LM-17 Fisica LM-18 Informatica LM-20 Ingegneria aerospaziale e astronautica LM-21 Ingegneria biomedica LM-22 Ingegneria chimica

	LM-23 Ingegneria civile
	LM-25 Ingegneria dell'automazione
	LM-26 Ingegneria della sicurezza
	LM-27 Ingegneria delle telecomunicazioni
	LM-28 Ingegneria elettrica
	LM-29 Ingegneria elettronica
	LM-30 Ingegneria energetica e nucleare
	LM-31 Ingegneria gestionale
	LM-32 Ingegneria informatica
	LM-33 Ingegneria meccanica
	LM-35 Ingegneria per l'ambiente e il territorio
	LM-40 Matematica
	LM-41 Medicina e chirurgia
	LM-44 Modellistica matematico-fisica per l'ingegneria
	LM-46 Odontoiatria e protesi dentaria
	LM-47 Organizzazione e gestione dei servizi per lo sport e le attività motorie
	LM-53 Scienza e ingegneria dei materiali
	LM-54 Scienze chimiche
	LM-60 Scienze della natura
	LM-61 Scienze della nutrizione umana
	LM-66 Sicurezza informatica
	LM-67 Scienze e tecniche delle attività motorie preventive e adattate
	LM-68 Scienze e tecniche dello sport
	LM-69 Scienze e tecnologie agrarie
	LM-70 Scienze e tecnologie alimentari
	LM-71 Scienze e tecnologie della chimica industriale
	LM-74 Scienze e tecnologie geologiche
	LM-75 Scienze e tecnologie per l'ambiente e il territorio
	LM-79 Scienze geofisiche
	LM-82 Scienze statistiche
	LM/SNT1 Scienze infermieristiche e ostetriche
	LM/SNT2 Scienze riabilitative delle professioni sanitarie
	LM/SNT3 Scienze delle professioni sanitarie tecniche
	LM/SNT4 Scienze delle professioni sanitarie della prevenzione.
	A University degree achieved in Italy, such as University Degree (Italian Laurea) achieved pursuant to the Italian academic system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004; equivalent Advanced Degree (Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities.
	For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners.
	The eligibility of the foreign university degree is ascertained by the Board of Examiners of the selection procedure of the PhD Programmes, in compliance with the legislation in force in Italy and in the country where the university degree was awarded, as well as by the Treaties or international agreements on recognition of university degrees for the continuance of studies.
	Bachelor's Degrees are not admitted.

	Undergraduates can apply for admission, but they must have passed the degree examination by the start date of the PhD Programme activities: these candidates are required to provide the marks of the exams taken during their undergraduate career.
Total number of posts available	**n. 12**: - n. 9 posts benefiting of a scholarship / other forms of financial support and - n. 3 posts without scholarship / other forms of financial support
Posts without a research topic (among those already available)	**(CODES A1-A2)** **n. 2** posts benefiting of a scholarship financed by the University of Brescia
Posts linked to a research topic (among those already available)	**(CODE B)** **n. 1** ordinary post benefiting of a scholarship co-financed by the University of Brescia and by the contract with the Company Progress Tech Transfer s.r.l., CUP D83C23000930007, released by prof. Elza Bontempi, having a research topic in "*New Carbothermic Approaches to Recovery Critical Metals from spent lithium-ions batteries*" **(CODE C)** **n. 1** ordinary post benefiting of a scholarship co-financed by the University of Brescia and by the funds of the Department of Mechanical and Industrial Engineering, released by Elisabetta Ceretti e Paola Serena Ginestra, having a research topic in "*Optimization of hydrogel printing process for brain organoid standardization*" **(CODE D)** **n. 1** ordinary post benefiting of a scholarship co-financed by the University of Brescia and by the funds of the project RICINT_2022_HORIZON_ERC_INCEPTION_NEGRO, CUP D83C22000540006, released by prof. Francesco Negro, having the research topic in "*Development and experimental validation of an innovative neurorehabilitation system in patients affected by motor alterations following stroke or malignant tumors: neuromuscular and metabolic implications*" **(CODE E)** **n. 1** ordinary post benefiting of a scholarship co-financed by the University of Brescia and by the project Call PRIN 2022 code 20229PYMRA (D.D. n. 104 dated 02/02/2022), provisions for the scrolling of the ranking (D.D. n. 1401 dated 18/09/2024) entitled SAILOR - "Soft wearable robotic glove for hand theranostics", Decree of approval of the ranking list no. 18530 dated 8/10/2024, CUP Sailor D53C24003940006, released by prof. Mauro Serpelloni, a having a research topic in "*Smart devices for the biomedical and rehabilitation sector*" **(CODE F)** **n. 1** ordinary post for candidates being private and public administration employees that envisage the upholding of the salary treatment promoted by the company Acque Bresciane S.R.L, having a research topic in "Development of 'green adsorbents' for the removal of PFAS and other emerging pollutants"
Out of which reserved posts	**(CODES P1-P2)** **n. 2** - 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.
Out of which posts not benefiting a scholarship (among those already available)	**(CODES OSB1-OSB2-OSB3)** **n. 3** posts without scholarship / other forms of financial support
Selection Procedure	

Evaluation of Curriculum Vitae and academic / professional history / Publications, etc.	Preliminarily, the Board of Examiners will evaluate the candidates' Curriculum Vitae. The Candidate will be admitted to the qualifications evaluation, as a result of the positive relevance assessment between the Curriculum Vitae and the research areas of the PhD Programme. **Evaluation score: 0-20 points as follows**: a) Score of the Degree: 0-10 points or, in alternative, if the candidate is not yet graduated, instead of the final grade the average grade of the passed exams will be taken into consideration. b) Publications: 0-4 points. c) Other qualifications: 0-6 points Candidates must include in their application: A detailed Curriculum Vitae, including: • A title and summary of one page of the thesis (for undergraduates admitted conditionally, in the absence of the thesis, a draft of it signed by the supervisor), or a document similar to the university thesis drawn up during the foreign university course for candidates with an admissible qualification obtained in a non-Italian university; • The degree score, or, if they are obtaining the degree, a list of the examinations with the relative score; • Any training experience (internships, thesis, double degrees) carried out abroad with a brief description of the performed activity. 2) List of the scientific publications. 3) A brief statement in which the candidate describes the scientific interest and the motivations for the application to the doctoral program. 4) Reference letters, if available. The documents required must be written in English language.
Evaluation of a project proposal	**The maximum score: 0 - 40 points** A research project must be presented as a written proposal, having a maximum length of 25.000 characters (including spaces), and should be formatted as follows: • Author • Title • Summary of State of the art • Detailed description of the research project • Bibliographic references. The document required must be written in English language. Only candidates who score at least 24 points in the evaluation of their research proposal will be admitted to the interview.

	For the posts linked to a research topic, the coherence between the proposed project and the topic itself will also be assessed.
Interview	The Interview includes an assessment on the presented research project proposal, on the possible candidate's list of publications and qualifications, and an oral evaluation of English language skills. **The maximum score for the evaluation of the Interview is 0 - 40 points**. The Interview is considered passed unless the candidate has achieved a score of at least 20. Applicants may be allowed to be interviewed remotely by video conference, pursuant to the prescriptions envisaged by Article 10, paragraphs 6 and 7 of the Call for Admission.
Place and date of the interview	The date (and, if needed, the venue) of the interview will be published at least, 20 days in advance on the UNIBS web site https://www.unibs.it/en/node/1078
Academic contact information of the PhD Programme	Mrs. Rosaria Nardo, Department of Information Engineering, e-mail: rosaria.nardo@unibs.it
Academic and research PhD activity	https://permalink.unibs.it/phd/t4h/en https://permalink.unibs.it/phd/t4h/site