



***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 A - PhDs PROGRAMMES DATA SHEETS (Alphabetical Order)**

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<b>ARTIFICIAL INTELLIGENCE IN MEDICINE AND INNOVATION IN CLINICAL RESEARCH AND METHODOLOGY</b>	
<b>Scientific areas</b>	06 Medical Sciences; 05 Biological Sciences; 09 Industrial and Information Engineering; 13 Economic and Statistical Sciences; 01 Mathematical and Informatic Sciences
<b>Macro areas</b>	05/D; 05/H; 06/B; 06/D; 06/E; 06/F; 06/G; 06/I; 06/L; 06/M; 09/E; 09/F; 13/A; 01/B; 06/C; 12/A; 11/C
<b>Duration</b>	3 years
<b>Starting date</b>	November 1st, 2026
<b>Proponent Structure</b>	Department of Clinical and Experimental Sciences
<b>Coordinator</b>	Prof. Alessandra Marengoni (Advocate)
<b>Curricula</b>	<ul style="list-style-type: none"> <li>- Artificial Intelligence in Medicine</li> <li>- Regenerative Medicine</li> <li>- Innovation in Clinical Research and Methodology</li> <li>- Artificial Intelligence, Philosophy, and Neuroscience</li> </ul>
<b>Admission requirements</b>	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



	<p>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</p> <p>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.</p> <p>For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners.</p> <p>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.</p> <p><b>Bachelor Degrees are not admitted.</b></p> <p>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.</p>
<p><b>Total number of posts available</b></p>	<p><b>n. 5:</b>          - n. 4 posts benefiting of a scholarship / other forms of financial support and          - n. 1 post without scholarship / other forms of financial support</p>
<p><b>Posts without a research topic (among those already available)</b></p>	<p><b>(CODES A1-A2-A3-A4)</b>          n. 4 posts benefiting of a scholarship financed by the University of Brescia</p>
<p><b>Posts linked to a research topic (among those already available)</b></p>	<p><b>None</b></p>



available)	
Out of which posts not benefiting a scholarship (among those already available)	(CODES OSB1) - n. 1 post without scholarship / other forms of financial support
<b>Selection Procedure</b>	
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.  <b>Evaluation score: 0-20 points as follows:</b> - 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	<b>Evaluation of the research project proposal: 0 - 40 points.</b>  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. <b>The scores granted at the interview: 0 - 40 points</b>  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 9, 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 <a href="https://www.unibs.it/en/node/1078">https://www.unibs.it/en/node/1078</a>
Contact information of the PhD Programme	Prof. Alessandra Marengoni, e-mail: <a href="mailto:alessandra.marengoni@unibs.it">alessandra.marengoni@unibs.it</a>
Academic and research PhD activity	<a href="https://permalink.unibs.it/phd/iamed/en">https://permalink.unibs.it/phd/iamed/en</a>

## BIOMEDICAL SCIENCES AND TRANSLATIONAL MEDICINE

Duration	3 years
Starting date	November 1st, 2026
Proponent Structure	Department of Molecular and Translational Medicine
Coordinator	Prof. Marina Pizzi



<b>Curricula</b>	Neuroscience Oncology and Immunology Pharmacology and Microbiology
<b>Admission requirements</b>	<p>All the University Master Degrees included in the following Italian classes:</p> <p>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</p> <p>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.</p> <p>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.</p> <p><b>Bachelor's Degrees are not admitted.</b></p> <p>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.</p>
<b>Total number of posts available</b>	<p><b>n. 6</b></p> <p>- n. 5 posts benefiting of a scholarship / other forms of financial support</p>



	- n. 1 post without scholarship / other forms of financial support
<b>Posts without a research topic (among those already available)</b>	<b>(CODES A1-A2-A3)</b> n. 3 posts benefiting of a scholarship financed by the University of Brescia
<b>Posts linked to a research topic (among those already available)</b>	<b>(CODE B)</b> No. 1 post, benefiting of a scholarship co-financed by the funds of the University of Brescia and by the Department of Molecular and Translational Medicine, released by prof. Elisabetta Grillo, having a research topic in " <i>The adipose microenvironment in pancreatic cancer</i> "  <b>(CODE C)</b> No. 1 post, benefiting of a scholarship co-financed by the funds of the University of Brescia and by the Departments of Experimental and Clinical Sciences, released by prof. Guido Alberto Massimo Tiberio, and by the Department of Molecular and Translational Medicine, released by prof. Sandra Sigala, having a research topic in " <i>Adrenocortical Carcinoma: From Patient Data Collection to Novel Therapeutic Approaches</i> ".
<b>Out of which posts not benefiting a scholarship (among those already available)</b>	<b>(CODE OSB1)</b> n. 1 post without scholarship / other forms of financial support
<b>Selection Procedure</b>	
<b>Evaluation of Curriculum Vitae/Publications, etc.</b>	<b>Maximum score: 30/100</b> 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
<b>Evaluation of a project proposal</b>	Not envisaged
<b>Interview</b>	<b>Maximum score: 70/100</b>  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.



	<p>Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 9, paragraphs 6 and 7 of the Call for Admissions.</p> <p>Knowledge of the Italian language is not required for non-Italian speaking candidates.</p>
<b>Place and date of the interview</b>	The date (and, if needed, the venue) of the interview will be published at least 20 days in advance on the UNIBS web site <a href="https://www.unibs.it/en/node/1078">https://www.unibs.it/en/node/1078</a>
<b>Contact information of the PhD Programme</b>	Prof. Marina Pizzi, e-mail: <a href="mailto:dottorato.sbmt@unibs.it">dottorato.sbmt@unibs.it</a>
<b>Academic and research PhD activity</b>	<a href="https://permalink.unibs.it/phd/scienzebio/en">https://permalink.unibs.it/phd/scienzebio/en</a>

## CIVIL AND ENVIRONMENTAL ENGINEERING, INTERNATIONAL COOPERATION AND MATHEMATICS

<b>Scientific areas</b>	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.
<b>Macro areas</b>	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.
<b>Duration</b>	3 years
<b>Starting date</b>	November 1st, 2026
<b>Proposing Structure</b>	Department of Civil, Environmental, Architectural Engineering and Mathematics
<b>Coordinator</b>	Prof. Marco Pilotti
<b>Curricula</b>	<p>The research activity concerns specific topics pertaining to the different curricula listed below, enhancing the interdisciplinary scientific approach:</p> <p>Appropriate Methodologies and Techniques for International Development Co-operation (Health track and Technology track)</p> <ul style="list-style-type: none"> <li>- Mathematical Methods and Models for Engineering</li> <li>- Natural Risks Assessment and Management</li> <li>- Structural Rehabilitation of Historical and Modern Buildings</li> <li>- Technologies and Processes for the Environment and Agriculture</li> <li>- Urban Planning and Mobility</li> </ul>
<b>Admission requirements</b>	<p>All University Degrees of the type enlisted below are eligible:</p> <p>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</p>



	<p>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.</p> <p>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.</p> <p><b>Bachelor Degrees are not admitted.</b></p> <p>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.</p>
<b>Total number of posts available</b>	<p><b>No. 10 positions, subdivided as follows:</b></p> <ul style="list-style-type: none"> <li>- <b>n. 8 posts</b> benefiting of a scholarship / other forms of financial support and</li> <li>- <b>n. 2 posts</b> not benefiting of a scholarship / or other forms of financial support.</li> </ul>
<b>Posts without a research topic (among those already available)</b>	<p><b>(CODES A1-A2-A3-A4)</b> n. 4 posts benefiting of a scholarship financed by the University of Brescia</p>
<b>Posts linked to a research topic (among those already available)</b>	<p><b>(CODE B)</b> No. 1 ordinary post benefiting of a scholarship financed by the funds of the Department of Civil Engineering, Architecture, Territory, Environment and Mathematics, released by prof. Prof. Giulia Valerio and Prof. Marco Pilotti, having a research topic in "<i>Numerical modelling of lake ecosystem processes supporting water resource management and ecosystem services provisioning</i>".</p>
<b>Out of which reserved posts</b>	<p><b>(CODES CH1-CH2-CH3)</b> n. 3 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.</p>
<b>Out of which posts not benefiting a scholarship (among those already available)</b>	<p><b>(CODES OSB1, OSB2)</b> n. 2 posts without scholarship / other forms of financial support</p>
<b>Selection Procedure</b>	
<b>Evaluation of Curriculum Vitae and academic / professional history / Publications, etc.</b>	<p><b>University Degree Thesis: up to 10 points.</b></p> <p>For candidates pending to graduate within the date of commencement of activities, 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</p>



	<p>one hundred and tenths.</p> <p><b>Further qualifications: up to 10 points.</b></p>
<p><b>Presentation of a project proposal</b></p>	<p>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 curricula listed below:</p> <p><b>Natural Risks Assessment and Management:</b> The candidate will propose a research project with a theme related to one of the following topics:</p> <ul style="list-style-type: none"> <li>- 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. Candidates may also develop the topic with reference to the risks associated with rainfall-induced land instability phenomena and climate change, analysing the related processes and possible prevention measures based on the implementation of nature-based and sustainable solutions.</li> <li>- 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.</li> </ul> <p><b>Mathematical Methods and Models for Engineering:</b> The candidate discusses a research proposal on</p> <ul style="list-style-type: none"> <li>- 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.</li> <li>- 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 PhD career.</li> </ul> <p><b>Appropriate Methodologies and Techniques for International Development Cooperation:</b></p> <ul style="list-style-type: none"> <li>- 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.</li> </ul>



- 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:**

The candidate shall propose a research project related to one of the following topics:

1. As part of the research project, the candidate shall investigate the urban planning implications of the introduction of autonomous vehicles in urban areas, initially on an experimental basis and subsequently at a larger scale. The research will analyse the impacts on urban morphology, road networks, accessibility and parking, real estate values, and land-use functions. Particular attention will be devoted to the integration of territorial data, GIS, and social responses, taking into account the mobility models developed by the operators managing vehicle fleets. The objective is to define a methodological and operational framework to support urban planning and future mobility strategies, also considering the effects on other transport modes and active mobility.
2. Starting from the definition of risk, the candidate shall develop a possible research topic on risk mitigation by addressing the systemic vulnerability of an urban area. The research project is framed within the development of risk models for assessing the safety of urban systems. As part of the research project, among other activities, the PhD candidate will contribute to the implementation of a decision-support system for analysing the safety performance of an urban and/or extra-urban network.

**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 shall propose a research project related to one of the following topics:

1. The design or management of processes, solutions, and technologies for environmental protection and/or environmental remediation;
2. The sustainable management of natural resources;
3. The minimisation, valorisation, and recovery of resources from urban or industrial wastewater and waste within the framework of the circular economy;
4. Management and technological issues related to water treatment for drinking purposes in the context of climate change and emerging contaminants;
5. The development of sustainable production strategies in the agricultural and livestock sectors;
6. Technologies supporting the ecological transition in agriculture;
7. The multifunctionality of agriculture and its contribution to the management of natural capital, landscape, and risk mitigation;
8. Analysis and assessment of biodiversity and ecosystem services.

With reference to the scholarship **CODE B**, having the research topic in "*Numerical modelling of lake ecosystem processes supporting water resource management and ecosystem services provisioning*", the candidate shall prepare a report illustrating the main issues related to the management of deep lakes in the pre-alpine area and the implications for the quality of ecosystem services.

Candidates are therefore required to propose a research project aimed at providing modelling tools capable of supporting strategies for the improvement and protection of water resources in both the short and long term, possibly focusing on only some of the above-mentioned critical issues.

The proposed research project shall include the definition of objectives, methodology, and expected scientific outcomes. Finally, candidates shall highlight the innovative aspects and the potential scientific impact of the proposed project in light of the current state of the art.

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### **To all candidates:**

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



	<p>2. Title 3. A brief literature review 4. Motivations behind the research 5. Hypotheses and research design 6. Methods and tools 7. References.</p> <ul style="list-style-type: none"> <li>The research project proposal must be uploaded on-line upon submission of the application.</li> </ul> <p><b>Maximum score: 40 points.</b> Minimum score to be admitted to the interview: 24 points.</p>
<b>Interview</b>	<p>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.</p> <p>Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 9, paragraphs 6 and 7 of the Call for Admissions.</p>
<b>Place and date of the interview</b>	<p>The date and the venue of the interview will be published at least 20 days in advance on the UNIBS web site <a href="https://www.unibs.it/en/node/1078">https://www.unibs.it/en/node/1078</a></p>
<b>Academic contact information of the PhD Programme</b>	<p>By Curricula Appropriate Methodologies and Techniques for International Development Cooperation: <a href="mailto:sabrina.sorlini@unibs.it">sabrina.sorlini@unibs.it</a> Mathematical Methods and Models for Engineering: <a href="mailto:hynek.kovarik@unibs.it">hynek.kovarik@unibs.it</a> Natural Risks Assessment and Management: <a href="mailto:giovanna.grossi@unibs.it">giovanna.grossi@unibs.it</a> Structural Rehabilitation of Historical and Modern Buildings: <a href="mailto:fausto.minelli@unibs.it">fausto.minelli@unibs.it</a> Technologies and Processes for the Environment and Agriculture: <a href="mailto:stefano.barontini@unibs.it">stefano.barontini@unibs.it</a> Urban Planning and Mobility: <a href="mailto:michele.pezzagno@unibs.it">michele.pezzagno@unibs.it</a></p>
<b>Academic and research PhD activity</b>	<p><a href="https://permalink.unibs.it/phd/dicacim/en">https://permalink.unibs.it/phd/dicacim/en</a> <a href="https://permalink.unibs.it/phd/dicacim/site">https://permalink.unibs.it/phd/dicacim/site</a></p>

## ENERGY TRANSITION AND SUSTAINABLE PRODUCTION SYSTEMS

<b>Scientific areas</b>	01 - Mathematical and computer sciences; 02 – Physical Sciences; 03 – Chemical Sciences; 05 Biology; 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
<b>Macro areas</b>	01/A - mathematical analysis, probability and mathematical statistics; 02/A – Physics of Fundamental Interactions; 03/B - Inorganic Chemistry and Applied Technologies; 05/A1 Botany; 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.
<b>Duration</b>	3 years
<b>Starting date</b>	November 1st, 2026
<b>Proponent Structure</b>	Department of Mechanical and Industrial Engineering
<b>Coordinator</b>	Prof. Marialuisa Volta
<b>Curricula</b>	- Curriculum in Energy Transition - Curriculum in Sustainable production systems
<b>Admission requirements</b>	<p>All University Degrees of the type enlisted below are eligible:</p> <p>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.</p> <p>For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners.</p> <p>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.</p> <p><b>Bachelor's Degrees are not admitted.</b></p> <p>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.</p>
<b>Total number of posts available</b>	<p><b>n. 6</b></p> <ul style="list-style-type: none"> <li>- n. 5 posts benefiting of a scholarship or other forms of financial support</li> <li>- n. 1 post without scholarship or other financial support.</li> </ul>
<b>Posts without a research topic (among those already available)</b>	<p><b>(CODES A1-A2-A3-A4)</b></p> <p>n. 4 posts benefiting of a scholarship financed by the University of Brescia</p>
<b>Posts linked to a research topic (among those already available)</b>	<p><b>(CODE B)</b></p> <p>n. 1 ordinary post for candidates being private and public</p>



available)	administration employees that envisage the upholding of the salary treatment promoted by the company ITALIAN GASKET S.P.A., having a research topic in “Sustainable Rubber-Based Composite Materials”.
Out of which posts not benefiting a scholarship (among those already available)	<b>(CODES OSB1)</b> - n. 1 post without scholarship / other forms of financial support
<b>Selection Procedure</b>	
<b>Evaluation of Curriculum Vitae and academic / professional history / Publications, etc.</b>	<b>Maximum score: 20/100.</b>  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.
<b>Evaluation of a project proposal</b>	<b>Maximum score for the research project proposal: 40/100</b>  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.
<b>Interview</b>	<b>Maximum score at the interview: 40/100</b>  The interview will focus on discussing the research project, 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 9, paragraphs 6 and 7 of the Call for Admission.
<b>Place and date of interview</b>	The date (and, if needed, the venue) of the interview will be published at least, 20 days in advance on the UNIBS web site <a href="https://www.unibs.it/en/node/1078">https://www.unibs.it/en/node/1078</a>
<b>Academic contact information of the PhD Programme</b>	Prof. Marialuisa Volta, email: <a href="mailto:marialuisa.volta@unibs.it">marialuisa.volta@unibs.it</a>
<b>Academic and research PhD activity</b>	<a href="https://permalink.unibs.it/phd/tesps/en">https://permalink.unibs.it/phd/tesps/en</a> <a href="https://permalink.unibs.it/phd/tesps/site">https://permalink.unibs.it/phd/tesps/site</a>

<b>INFORMATION ENGINEERING</b>	
<b>Scientific areas</b>	09 – Industrial and Information Engineering; 01 – Mathematical and Information Sciences; 02 – Physical Sciences; 03 – Chemical Sciences
<b>Macro areas</b>	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
<b>Duration</b>	3 years
<b>Starting date</b>	November 1st, 2026
<b>Proponent Structure</b>	University of Brescia, Department of Information Engineering
<b>Coordinator</b>	Prof. Andrea Locatelli
<b>Curricula</b>	<ul style="list-style-type: none"> <li>- Curriculum in Electronic Engineering, Sensors and Instrumentation</li> <li>- Curriculum in Computer Science/Engineering and Control Systems</li> <li>- Curriculum in Telecommunication Engineering</li> <li>- Curriculum in Physical, Chemical and Mathematical Sciences for Engineering</li> </ul> <p>Candidates shall indicate in the research proposal their curricula of choice in order of preference.</p>
<b>Admission requirements</b>	<p>All types of University degrees.</p> <p>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</p>



	<p>(Italian Laurea Specialistica) / Master's Degree (Italian Laurea Magistrale) or any equivalent academic Master Degree achieved from foreign Universities.</p> <p>For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners.</p> <p>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.</p> <p><b>Bachelor Degrees are not admitted.</b></p> <p>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.</p> <p>Preferential requirement is the relevance of the undergraduate University Degree awarded in the topics of the PhD Programme of Information Engineering.</p>
<p><b>Total number of posts available</b></p>	<p><b>n. 5</b></p> <ul style="list-style-type: none"> <li>- n. 4 posts benefiting of a scholarship / other forms of financial support and</li> <li>- n. 1 post without scholarship / other forms of financial support</li> </ul>
<p><b>Out of f which posts without a research topic (among those already available)</b></p>	<p><b>(CODES A1-A2-A3-A4)</b></p> <p>n. 4 ordinary posts not having a research topic, financed by the University of Brescia</p>
<p><b>Out of f which posts linked to a research topic (among those already available)</b></p>	<p>None</p>
<p><b>Out of which posts not benefiting a scholarship (among those already available)</b></p>	<p><b>(CODES OSB1)</b></p> <p>n. 1 post without scholarship / other forms of financial support</p>
<p><b>Selection Procedure</b></p>	
<p><b>Evaluation of Curriculum Vitae/Publications, etc.</b></p>	<p><b>Maximum score: 30/100</b></p> <p>Eligible documentation:</p> <ul style="list-style-type: none"> <li>- 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.</li> <li>- Previous study experience in prominent international research centers</li> <li>- Any other supporting documentation and qualifications that can be considered relevant and useful for the admission evaluation</li> </ul>



	process.
<b>Evaluation of a project proposal</b>	<p><b>Maximum score for the research project proposal: 30/100</b></p> <p>The research project proposal must be submitted online jointly with the admission form.</p> <p>The research project must be presented as a written proposal, in English language, with a maximum length of 10,000 characters (excluding spaces), and should be organized as follows:</p> <ol style="list-style-type: none"> <li>1. Curricula ranked in order of preference</li> <li>2. Author</li> <li>3. Title</li> <li>4. Summary of State-of-the-art</li> <li>5. Main motivations and goals of the proposed research proposal</li> <li>6. Detailed description of the research project</li> <li>7. Proposed scientific methodology</li> <li>8. Bibliographic references.</li> </ol> <p>The research project must clearly fit within the research topics of the curriculum indicated as the first choice.</p> <p>Only candidates who obtain at least 45 points (out of 60) in the combined evaluation of their academic qualifications and research proposal will be admitted to the interview.</p>
<b>Interview</b>	<p><b>Maximum score for the interview: 40/100.</b> Minimum score to be included in the list of eligible candidates: 24/100</p> <p>The interview will focus on the discussion of the submitted research project proposal, the candidate's publications and qualifications, and will include an assessment of English language proficiency.</p> <p>Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 9, paragraphs 6 and 7 of the Call for Admissions.</p>
<b>Place and date of the interview</b>	<p>The date and the venue of interviews will be published at least 20 days in advance on the UNIBS web site <a href="https://www.unibs.it/en/node/1078">https://www.unibs.it/en/node/1078</a></p>
<b>Contact information of the PhD Programme</b>	<p>Prof. Andrea Locatelli - Mrs. Rosaria Nardo – Secretariat Department of Information Engineering: <a href="mailto:rosaria.nardo@unibs.it">rosaria.nardo@unibs.it</a></p>
<b>Academic and research PhD activity</b>	<p><a href="https://permalink.unibs.it/phd/drii/site">https://permalink.unibs.it/phd/drii/site</a> <a href="https://permalink.unibs.it/phd/drii/en">https://permalink.unibs.it/phd/drii/en</a></p>

## MECHANICAL AND INDUSTRIAL ENGINEERING

<b>Scientific areas</b>	<p>01 – Mathematical and Information Sciences; 02 – Physical Sciences; 03 – Chemical Sciences; 08 – Civil Engineering and Architecture; 09 – Industrial and Information Engineering; 12 –</p>
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	Law Sciences; 13 – Economical and Statistical Sciences; 14 – Social and Political Sciences
<b>Macro areas</b>	<p>01/A - mathematical analysis, probability and mathematical statistics</p> <p>02/A – Physics of Fundamental Interactions</p> <p>03/B - Inorganic Chemistry and Applied Technologies</p> <p>08/B – Structural and Geotechnical Engineering</p> <p>09/A – Mechanical and Aerospace Engineering and Naval Architecture</p> <p>09/B – Manufacturing, Industrial and Management Engineering.</p> <p>09/C – Energy, Thermomechanical and Nuclear Engineering</p> <p>09/D – Chemical and Materials Engineering</p> <p>09/E – Electrical and Electronic Engineering and Measurements</p> <p>09/G – Systems Engineering and Bioengineering</p> <p>12/E – International, European Union, Comparative, Economic and Market Law</p> <p>13/A - Economy</p> <p>14/D – Sociology of economic processes, work, environment and territory.</p>
<b>Duration</b>	3 years
<b>Starting date</b>	November 1st, 2026
<b>Proponent Structure</b>	Department of Mechanical and Industrial Engineering
<b>Coordinator</b>	Prof. Pietro Poesio
<b>Curricula</b>	<p>Curriculum in Smart Factory and Advanced Manufacturing Industry</p> <p>Curriculum in Sustainable Mobility</p> <p>Curriculum in Health and Well-being</p> <p>Curriculum in Production systems, safety, environment, and quality of work</p> <p>Curriculum in Development of basic and methodological knowledge</p>
<b>Admission requirements</b>	<p>All University Degrees of the type enlisted below are eligible.</p> <p>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.</p> <p>For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners.</p> <p>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</p>



	<p>studies.</p> <p><b>Bachelor Degrees are not admitted.</b></p> <p>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.</p> <p>Proficiency in English is required</p>
<b>Total number of posts available</b>	<p><b>n. 5:</b></p> <ul style="list-style-type: none"> <li>- n. 4 posts benefiting of a scholarship / other forms of financial support and</li> <li>- n. 1 post without scholarship / other forms of financial support</li> </ul>
<b>Posts without a research topic (among those already available)</b>	<p><b>(CODICE A1-A2-A3-A4)</b></p> <p>n. 4 posts benefiting of a scholarship financed by the University of Brescia</p>
<b>Posts linked to a research topic (among those already available)</b>	None
<b>Posts without a research topic (among those already available)</b>	<p><b>(CODES OSB1)</b></p> <ul style="list-style-type: none"> <li>- n. 1 post without scholarship / other forms of financial support</li> </ul>
<b>Selection Procedure</b>	
<b>Evaluation of Curriculum Vitae/Publications, etc.</b>	<p><b>Maximum score: 20/100</b></p> <p>Eligible documentation:</p> <ul style="list-style-type: none"> <li>- 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</li> <li>- Scientific publications</li> <li>- Any other supporting documentation and qualifications that can be considered relevant and useful for the admission evaluation process.</li> </ul>
<b>Evaluation of a project proposal</b>	<p><b>Maximum score for the research project proposal: 40/100</b></p> <p>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.</p> <p>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:</p> <ol style="list-style-type: none"> <li>1. Author</li> <li>2. Title</li> <li>3. Summary of State-of-the-art</li> <li>4. Main motivations and goals of the proposed research</li> </ol>



	<p>proposal</p> <p>5. Detailed description of the research project</p> <p>6. Proposed scientific methodology</p> <p>7. Bibliographic references.</p> <p>Only candidates who score at least 24 points in the evaluation of their research proposal will be admitted to the interview.</p>
<b>Interview</b>	<p><b>Maximum score at the interview: 40/100</b></p> <p>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.</p> <p>Only candidates who score at least 24 points in the interview will be considered eligible.</p> <p>Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 9, paragraphs 6 and 7 of the Call for Admissions.</p>
<b>Place and date of the interview</b>	<p>The date and the venue of interviews will be published at least 20 days in advance on the UNIBS web site  <a href="https://www.unibs.it/en/node/1078">https://www.unibs.it/en/node/1078</a></p>
<b>Contact information of the PhD Programme</b>	<p>Prof. Pietro Poesio, email: <a href="mailto:pietro.poesio@unibs.it">pietro.poesio@unibs.it</a></p>
<b>Academic and research PhD activity</b>	<p><a href="https://permalink.unibs.it/phd/drimi/site">https://permalink.unibs.it/phd/drimi/site</a>  <a href="https://permalink.unibs.it/phd/drimi/en">https://permalink.unibs.it/phd/drimi/en</a></p>

<b>MOLECULAR GENETICS, BIOTECHNOLOGIES AND EXPERIMENTAL MEDICINE</b>	
<b>Scientific areas</b>	02 – Physical Sciences; 05 – Biological Sciences; 06 – Medical Sciences
<b>Macro areas</b>	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
<b>Duration</b>	3 years
<b>Starting date</b>	November 1st, 2026
<b>Proponent Structure</b>	Department of Molecular and Translational Medicine
<b>Coordinator</b>	Prof. Alessandro Barbon
<b>Curricula</b>	<ul style="list-style-type: none"> <li>- Molecular Genetics Applied to Medical Sciences</li> <li>- Biotechnologies for the Health and the Environment</li> <li>- Forensic Medical Sciences</li> </ul>
<b>Admission requirements</b>	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



	<p>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</p> <p>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.</p> <p>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.</p> <p><b>Bachelor Degrees are not admitted.</b></p> <p>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.</p> <p>Proficiency in English is required.</p>
<p><b>Total number of posts available</b></p>	<p><b>n. 5:</b>          - n. 4 posts benefiting of a scholarship / other forms of financial support and          - n. 1 post without scholarship / other forms of financial support</p>
<p><b>Posts without a research topic (among those already available)</b></p>	<p><b>(CODES A1-A2-A3-A4)</b>          n. 4 posts benefiting of a scholarship financed by the University of Brescia</p>
<p><b>Posts linked to a research topic (among those already available)</b></p>	<p>None</p>
<p><b>Out of which posts not benefiting a scholarship (among those already available)</b></p>	<p><b>(CODES OSB1)</b>          n. 1 post without scholarship / other forms of financial support</p>



<b>Selection Procedure</b>	
<b>Evaluation of Curriculum Vitae/Publications, etc.</b>	<p><b>Maximum score 25 points, as follows:</b></p> <ul style="list-style-type: none"> <li>- 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</li> <li>- Publications and abstracts in extenso, maximum score: 6</li> <li>- Other qualifications (specialization, master, lab training, conference attendance, language certificates, PhD Degrees, etc.); maximum score: 6</li> <li>- Other activities (research, professional activities, etc.) that are relevant for the PhD Programme or one of the curricula); maximum score: 6.</li> </ul>
<b>Evaluation of a project proposal</b>	Not envisaged
<b>Interview</b>	<p><b>The interview has a maximum score of 75 points.</b></p> <p>The interview is passed if the candidate obtains a mark of at least 45.</p> <p>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.</p> <p>Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 9, paragraphs 6 and 7 of the Call for Admissions.</p> <p>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.</p>
<b>Place and date of the interview</b>	The date (and, if needed, the venue) of the interview will be published at least, 20 days in advance on the UNIBS web site <a href="https://www.unibs.it/en/node/1078">https://www.unibs.it/en/node/1078</a>
<b>Contact information of the PhD Program</b>	Prof. Alessandro Barbon, Secretariat of the PhD Programme, email: <a href="mailto:dottorato.qmbms@unibs.it">dottorato.qmbms@unibs.it</a>
<b>Academic and research PhD activity</b>	<a href="https://permalink.unibs.it/phd/genetica/en">https://permalink.unibs.it/phd/genetica/en</a>

<b>PRECISION MEDICINE</b>	
<b>Scientific areas</b>	02-Physical Sciences, 03-Chemical Sciences, 05- Biological Sciences; 06-Medical Sciences
<b>Macro areas</b>	02/B, 03/B, 03/D, 05/E, 05/F, 05/G, 06/A, 06/C, 06/D, 06/M
<b>Duration</b>	3 years
<b>Starting date</b>	November 1st, 2026
<b>Proponent Structure</b>	Department of Molecular and Translational Medicine



<b>Coordinator</b>	Prof. Stefania Maria Filomena Mitola
<b>Curricula</b>	Not envisaged
<b>Admission requirements</b>	<p>The following University Degrees achieved in Italy:</p> <p>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</p> <p>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.</p> <p>For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners.</p> <p>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.</p>



	<p><b>Bachelor Degrees are not admitted.</b></p> <p>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.</p>
<b>Total number of posts available</b>	<p><b>n. 6:</b> n. 5 posts benefiting of a scholarship / other forms of financial support and - n. 1 post without scholarship / other forms of financial support</p>
<b>Posts without a research topic (among those already available)</b>	<p><b>(CODES A1-A2-A3-A4)</b> n. 4 post benefiting of a scholarship financed by the University of Brescia</p>
<b>Posts linked to a research topic (among those already available)</b>	<p><b>(CODICE B)</b> n. 1 <b>ordinary post</b> benefiting of a three-year contract of Apprenticeship in Advanced Training financed by the Company AL.CHI.MI.A. S.R.L. having a research topic in "Optimization and standardization of ocular tissue transplantation processes in precision medicine"</p>
<b>Out of which posts not benefiting a scholarship (among those already available)</b>	<p><b>(CODE OSB1)</b> n. 1 post without scholarship / other forms of financial support</p>
<b>Selection Procedure</b>	
<b>Evaluation of Curriculum Vitae/Publications, etc.</b>	<p><b>Maximum score: 30/100</b></p> <ul style="list-style-type: none"> <li>- Undergraduate University degree final score: maximum score 20/100</li> <li>- 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</li> <li>- Publications: maximum score 4/100</li> <li>- Presentations to scientific meetings: maximum score 2/100</li> <li>- Post-graduate specialization degrees: maximum score 1/100</li> <li>- Other qualifications: educational courses and stages, conference attendance, English language certificates: maximum score 3/100.</li> </ul>
<b>Evaluation of a project proposal</b>	Not envisaged
<b>Interview</b>	<p><b>Maximum score: 70/100</b></p> <p>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.</p> <p>The interview is passed if the achieved score is no lower than 30/100.</p>



	<p>Knowledge of the Italian language is not required to foreign candidates.</p> <p>Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 9, paragraphs 6 and 7 of the Call for Admission.</p>
<b>Place and date of the interview</b>	The date (and, if needed, the venue) of the interview will be published at least, 20 days in advance on the UNIBS web site <a href="https://www.unibs.it/en/node/1078">https://www.unibs.it/en/node/1078</a>
<b>Contact information of the PhD Programme</b>	Precision Medicine Secretariat: <a href="mailto:segreteria.precisionmedicine@unibs.it">segreteria.precisionmedicine@unibs.it</a>
<b>Academic and research PhD activity</b>	<a href="https://permalink.unibs.it/phd/precmed/en">https://permalink.unibs.it/phd/precmed/en</a>

<b>RIGHTS, PERSON, INNOVATION AND MARKET</b>	
<b>Scientific areas</b>	Area 12 (Law Sciences)
<b>Macro areas</b>	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
<b>Duration</b>	3 years
<b>Starting date</b>	November 1st, 2026
<b>Proponent Structure</b>	Department of Law
<b>Coordinator</b>	Prof. Luca Mario Masera
<b>Curricula</b>	Not Envisaged
<b>Duration</b>	<p>All University Degrees of the type enlisted below are eligible:</p> <p>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.</p> <p>For PhD admission purposes only, the equivalence between degrees awarded abroad and the Italian degrees will be assessed by the Board of Examiners.</p> <p>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.</p> <p><b>Bachelor Degrees are not admitted.</b></p> <p>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</p>



	<p>the marks of the exams taken during their undergraduate career.</p> <p>Proficiency in English is required</p>
<b>Total number of posts available</b>	<p><b>n. 5</b></p> <ul style="list-style-type: none"> <li>- n. 4 posts benefiting of a scholarship / other forms of financial support and</li> <li>- n. 1 post without scholarship / other forms of financial support</li> </ul>
<b>Posts without a research topic (among those already available)</b>	<p><b>(CODES A1-A2-A3-A4)</b></p> <p><b>n. 4</b> posts benefiting of a scholarship financed by the University of Brescia</p>
<b>Posts linked to a research topic (among those already available)</b>	None
<b>Out of which posts not benefiting a scholarship (among those already available)</b>	<p><b>(CODE OSB1)</b></p> <p><b>n. 1</b> post without scholarship / other forms of financial support</p>
<b>Selection Procedure</b>	
<b>Admission requirements</b>	<p><b>Maximum score applied to candidates' qualifications: 30/100</b></p> <p>Eligible qualifications:</p> <ul style="list-style-type: none"> <li>- 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;</li> <li>- Scientific Publications and other qualifications deemed congruent and useful for valuation purposes: maximum 10 scores.</li> </ul> <p>If the candidate is not yet graduated, instead of the final grade the average grade of the passed exams will be considered.</p> <p>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.</p>
<b>Evaluation of a project proposal</b>	<p><b>Maximum score for the research project proposal: 40/100</b></p> <p>The research project proposal must be submitted online jointly with the admission form.</p> <p>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:</p> <ol style="list-style-type: none"> <li>1. Author;</li> <li>2. Title;</li> <li>3. Short literature review;</li> <li>4. Research questions and objectives;</li> <li>5. Methodology;</li> <li>6. References.</li> </ol> <p>Only candidates who receive at least 20/100 in this evaluation phase will be admitted to the interview.</p>



<b>Interview</b>	<p><b>Maximum score at the interview: 30/100</b></p> <p>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.</p> <p>Candidates may be allowed to be interviewed remotely with the use of a video conference application, pursuant to the prescriptions envisaged by Article 9, paragraphs 6 and 7 of the Call for Admission.</p> <p>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.</p>
<b>Place and date of the interview</b>	The dates for the interview and the venue will be published at least 20 days in advance on the UNIBS web site <a href="https://www.unibs.it/en/node/1078">https://www.unibs.it/en/node/1078</a>
<b>Contact information of the PhD Programme</b>	Prof. Luca Mario Masera, Department of Law, e-mail <a href="mailto:luca.masera@unibs.it">luca.masera@unibs.it</a>
<b>Academic and research PhD activity</b>	<a href="https://permalink.unibs.it/phd/diritti-persona/en">https://permalink.unibs.it/phd/diritti-persona/en</a>

<b>TECHNOLOGY FOR HEALTH</b>	
<b>Scientific areas</b>	03 - Chemical Sciences; 05 - Biological Sciences; 06 - Medical Sciences; 09 - Industrial and Information Engineering.
<b>Macro areas</b>	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
<b>Duration</b>	3 years
<b>Starting date</b>	November 1st, 2026
<b>Proposing Structure</b>	Department of Information Engineering
<b>Coordinator</b>	Prof. Mauro Serpelloni
<b>Curricula</b>	Not envisaged
<b>Admission requirements</b>	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.
<b>Total number of posts available</b>	<b>n. 8:</b> - n. 6 posts benefiting of a scholarship / other forms of financial support and - n. 2 posts without scholarship / other forms of financial support
<b>Posts without a research topic (among those already available)</b>	<b>(CODES A1-A2)</b> <b>n. 2</b> posts benefiting of a scholarship financed by the University of Brescia
<b>Posts linked to a research topic (among those already available)</b>	<b>(CODE B)</b> <b>n. 1 ordinary post benefiting of a scholarship</b> co-financed by the University of Brescia and by the Institute CNR STIIMA - Sistemi e Tecnologie Industriali Intelligenti per il Manifatturiero Avanzato Consiglio Nazionale delle Ricerche, having the research topic in <i>"Integration of high-density EMG signal decomposition and cross-talk reduction algorithms for optimal muscle synergies identification"</i>  <b>(CODE C)</b> <b>n. 1 ordinary post benefiting of a scholarship</b> co-financed by the University of Brescia and by the financial resources of the Department of Medical-Surgical Specialties, Radiological Sciences and Public Health, project under the responsibility of prof. Alberto Signoroni, having the research topic in <i>"Multimodal medical image and data analysis for clinical applications"</i> .  <b>(CODE D)</b> <b>n. 1 ordinary post benefiting of a scholarship</b> co-financed by the University of Brescia and by the financial resources of the Department of Information Engineering, project under the responsibility of prof. Alessandra Flammini, having the research topic in <i>"Smart Energy Storage Solutions for IoT-Enabled Sustainable Applications"</i>  <b>(CODE E)</b> <b>n. 1 ordinary post benefiting of a scholarship</b> co-financed by the University of Brescia and by the financial resources of the Department of Information Engineering, project under the responsibility of prof. Mauro Serpelloni, having the research topic in <i>"Smart Implants for Life Enrichment"</i>
<b>Out of which posts not benefiting a scholarship (among those already available)</b>	<b>(CODES OSB1-OSB2)</b> <b>n. 2</b> posts without scholarship / other forms of financial support
<b>Selection Procedure</b>	
<b>Evaluation of Curriculum Vitae and academic / professional history /</b>	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



<p><b>Publications, etc.</b></p>	<p>relevance assessment between the Curriculum Vitae and the research areas of the PhD Programme.</p> <p><b>Evaluation score: 0-20 points as follows:</b></p> <p>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.</p> <p>b) Publications: 0-4 points.</p> <p>c) Other qualifications: 0-6 points</p> <p>Candidates must include in their application:</p> <p>A detailed Curriculum Vitae, including:</p> <ul style="list-style-type: none"> <li>• 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;</li> <li>• The degree score, or, if they are obtaining the degree, a list of the examinations with the relative score;</li> <li>• Any training experience (internships, thesis, double degrees) carried out abroad with a brief description of the performed activity.</li> </ul> <p>2) List of the scientific publications.</p> <p>3) A brief statement in which the candidate describes the scientific interest and the motivations for the application to the doctoral program.</p> <p>4) Reference letters, if available.</p> <p>The documents required must be written in English language.</p>
<p><b>Evaluation of a project proposal</b></p>	<p><b>The maximum score: 0 - 40 points</b></p> <p>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:</p> <ul style="list-style-type: none"> <li>• Author</li> <li>• Title</li> <li>• Summary of State of the art</li> <li>• Detailed description of the research project</li> <li>• Bibliographic references.</li> </ul> <p>The document required must be written in English language.</p> <p>Only candidates who score at least 24 points in the evaluation of their research proposal will be admitted to the interview.</p> <p>For the posts linked to a research topic, the coherence between the proposed project and the topic itself will also be assessed.</p>
<p><b>Interview</b></p>	<p>The Interview includes an assessment on the presented research project proposal, on the possible candidate's list of</p>



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	<p>publications and qualifications, and an oral evaluation of English language skills.</p> <p><b>The maximum score for the evaluation of the Interview is 0 - 40 points.</b></p> <p>The Interview is considered passed unless the candidate has achieved a score of at least 20.</p> <p>Applicants may be allowed to be interviewed remotely by video conference, pursuant to the prescriptions envisaged by Article 9, paragraphs 6 and 7 of the Call for Admission.</p>
<b>Place and date of the interview</b>	<p>The date (and, if needed, the venue) of the interview will be published at least, 20 days in advance on the UNIBS web site <a href="https://www.unibs.it/en/node/1078">https://www.unibs.it/en/node/1078</a></p>
<b>Academic contact information of the PhD Programme</b>	<p>PhD Programme in Technology for Health, e-mail: <a href="mailto:tech4health@unibs.it">tech4health@unibs.it</a></p>
<b>Academic and research PhD activity</b>	<p><a href="https://permalink.unibs.it/phd/t4h/en">https://permalink.unibs.it/phd/t4h/en</a> <a href="https://permalink.unibs.it/phd/t4h/site">https://permalink.unibs.it/phd/t4h/site</a></p>