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Chemical, Geological and Environmental Sciences
(Cod. 124R)

Department	Earth and Environmental Sciences		
Coordinator	Prof. Marco Malusà		
Length of program	3 years		
Curricula	<ol style="list-style-type: none"> 1. Chemical Sciences 2. Geological Sciences 3. Environmental Sciences 		
Research topics	Look at the website: https://www.disat.unimib.it/en/study/phd-chemical-geological-and-environmental-sciences/research-lines		
Available positions	University scholarships	n.1	n. 1 scholarship - Environmental Sciences Curriculum, linked to the following research project: <i>"Development of a Multidisciplinary Research Lab Platform: Designing innovative, sustainable, and digital methodologies for the management and enhancement of existing and new university research infrastructures."</i> (PROG.3)
	Scholarships funded by the Department	n. 1	n. 1 scholarship ERC - Geological Sciences Curriculum linked to the following research project: <i>"Structure and properties of sulphur-bearing magmas at extreme conditions with implications for Earth and Solar System evolution"</i> (PROG.1)
	Scholarships funded by external bodies	n. 1	n. 1 scholarship - Geological Sciences Curriculum funded by Istituto Nazionale di Geofisica e Vulcanologia linked to the following research project: <i>"Multi-scale Multi-Observable Seismic Model of the Centro-Mediterranean Region"</i> (PROG.2)
	Reserved positions for scholarship holders in specific international mobility programs	n.1	n. 1 posto curriculum Environmental Sciences reserved to project HORIZON MSCA - RESCUE: Remediation Enhanced by Subsurface Characterisation & monitoring Using geophysical Evaluation The assignment of the position is subject to the signing of the Agreement.
	Total number of available positions	n. 4	
Selection procedures	<ul style="list-style-type: none"> • Assessment of qualifications and publications • Assessment of the research project • Oral examination (videoconference) 		
Assessment of qualifications	<ol style="list-style-type: none"> 1) Grade of bachelor degree: max 3 points 2) Grade of master degree (second cycle): max 7 points 2bis) Grade of old system degree or single-cycle second level degree: max 10 points 3) Publications in extenso (already published or accepted by the publishers) and conference papers, of the last two years: max 4 points 4) Participations in post-degree masters, training courses, advanced courses, specialization schools, any other second degrees: max 2 points 		

	<p>5) Certification of joint researches and analysis: max 2 points</p> <p>6) Certification of training periods and/or research periods abroad of at least two months: max 2 points</p> <p>The Committee will evaluate periods less than 2 months only if the early come back has been due to documented force majeure for COVID-19.</p> <p>For those students who have not obtained their degree yet, the score of points 2 or 2bis will be replaced with the assessment of the average mark of the examinations:</p> <ul style="list-style-type: none"> • Students of Master grade (second cycle): max 7 points • Students of old system degree or single-cycle second level degree: max 10 points <p>To access the assessment of research project a minimum score of 4 in the assessment of qualifications is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>
Research project	<p>During the registration procedure for the competition, candidates must upload not only the qualifications but also the research project.</p> <p>The research project, with a maximum length of 3000 words (bibliography excluded) and containing a maximum of 4 figures, must be written in English and uploaded in pdf format. The research project is preferably developed from the proposals contained in the 'research lines call for interest', available at the links indicated in the 'Research Topics' section of this call sheet.</p> <p>To access the oral examination, a score of 4 or higher must be obtained in the project assessment, otherwise the candidate will not be admitted and will be excluded from the competition.</p>
Information about examinations	<p>Oral examination: During the oral examination, the research project submitted by the candidate on topics related to the candidate's chosen curriculum will be discussed, and the candidate's knowledge and skills and his/her aptitude for research in the scientific areas covered by the PhD will be tested. The examination may be taken in Italian or English at the candidate's choice. During the oral examination, knowledge of the English language will be tested.</p>
Results of the assessment of qualifications and research project	<p>The results of the assessment of qualifications and research project, together with a breakdown of candidates in the examination days, that has notification value for all legal purpose, will be published on September 14th, 2026 on the University website at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
Oral examination	<p>Oral examinations will take place on September 16th, 2026 from 9 am.</p> <p>In the event that the number of candidates to be examined is high, the committee reserves the right to hold the oral examinations also on September 17th and 18th, 2026 from 9 am.</p>
Rankings	<p>Only candidates with a total final score of at least 50/100 (given by the sum of the assessment of qualifications, research project and oral examination) will be eligible for the rankings.</p> <p>Rankings will be published at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings</p>
Contact for academic information	<p>https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/chemical-geological-and-environmental-sciences</p> <p>https://www.disat.unimib.it/en/research/phd-course/teaching-plan</p>
Further information	<p>Different tests and rankings are planned for the various curricula.</p> <p>Each candidate may participate in the selection for one curriculum only.</p>

Computer science (Cod. 114R)			
Department	Computer Science, Systems and Communications		
Coordinator	Prof. Gianluca Della Vedova		
Length of program	3 years		
Research topics	The academic focus of this PhD programme encompasses all the key areas of Computer Science, Information Processing Systems and Operational Research. In particular, the PhD programme covers the following areas: Foundations of Computer Science, Computational Life Sciences and Bioinformatics; Software Engineering and Architecture; Web and Information Systems; Intelligent Sensing (Robotics, Real-Time Systems and Computer Vision); Artificial Intelligence and Decision Systems.		
Available positions	Scholarships funded by external bodies	n. 7	<p>n. 2 scholarships funded by Fondazione Bruno Kessler linked to the following research projects:</p> <ol style="list-style-type: none"> 1. <i>AI for doctors</i> (PROG.1) 2. <i>AI, VR, and Biosensing for Adaptive Mental Healthcare</i> (PROG.2) <p>n.1 scholarship funded by La Fondazione AI4I "Istituto italiano di ricerca sull'intelligenza artificiale per l'industria", linked to the following research project: "<i>AI-Based Quality Assurance</i>" (PROG.3)</p> <p>n.1 scholarship funded by Tesi Elettronica e Sistemi Informativi S.p.A. Società benefit linked to the following research project: "<i>Artificial Intelligence for innovative and impactful Clinical Imaging Systems</i>" (PROG.4)</p> <p>n.1 scholarship funded by mama health technologies SRL, linked to the following research project: "<i>AI Doctor</i>" (PROG.5)</p> <p>n.1 scholarship funded by Energiee3, linked to the following research project: "<i>New Frontiers in Human-AI Interaction</i>" (PROG.6)</p> <p>n.1 scholarship funded by Cybersicurezza Nazionale (ACN), linked to the following research project: "<i>Composing Encrypted Cloning with Quantum Error Correction for Secure and Resilient Quantum Storage Architectures</i>".</p>
	Total number of available positions	n. 7	
Selection procedures	<ul style="list-style-type: none"> • Assessment of qualifications and publications • Assessment of the research project • Oral examination (videoconference) 		
Assessment of qualifications	<ol style="list-style-type: none"> 1) Grade of bachelor degree: max 3 points 2) Grade of master degree (second cycle): max 7 points 2bis) Grade of old system degree or single-cycle second level degree: max 10 points 3) Publications in extenso (already published or accepted by the publishers) and conference papers, of the last two years: max 4 points 4) Participations in post-degree masters, training courses, advanced courses, specialization schools, any other second degrees: max 2 points 5) Certification of joint researches and analysis: max 2 points 6) Certification of training periods and/or research periods abroad of at least two months: max 2 points 		

	<p>The Committee will evaluate periods less than 2 months only if the early come back has been due to documented force majeure for COVID-19.</p> <p>For those students who have not obtained their degree yet, the score of points 2 or 2bis will be replaced with the assessment of the average mark of the examinations:</p> <ul style="list-style-type: none"> • Students of Master grade (second cycle): max 7 points • Students of old system degree or single-cycle second level degree: max 10 points <p>To access the assessment of the research project no minimum score in the assessment of qualifications is requested.</p>
Research Project	<p>During the application process, candidates must upload not only their academic qualifications but also their research project. The research project must be written in English, be no longer than 4 pages (with a minimum font size of 11 points) and must discuss the motivations and relevance of the proposed activities to the PhD programme's research topics, the state of the art in the field, the research objectives and challenges, and the methodology adopted.</p> <p>Candidates are required to provide a maximum of 5 references relevant to the research community.</p> <p>To access the oral examination a minimum score of 4 in the assessment of the research project is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>
Additional documents	<p>Reference letters: candidates can optionally upload up to a maximum of two reference letters, written in a free form, signed by university teachers or experts according to the procedure described in the art. 4 of the Call.</p>
Information about examinations	<p>Oral examination: the research project proposed by the candidate shall be discussed during the oral examination.</p> <p>The examination will be in English.</p>
Results of the assessment of qualifications and research project	<p>The results of the assessment of qualifications and research project, together with a breakdown of candidates in the examination days, that has notification value for all legal purpose, will be published on September 11th, 2026 on the University website at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
Oral examinations	<p>Oral examinations will be held on September 23rd and 24th, 2026 from 9 am. to 6 pm.</p> <p>In the event that the number of candidates to be examined is high, the committee reserves the right to hold the oral examinations also on September 25th, 2026 from 10 am.</p>
Rankings	<p>Only candidates with a total final score of at least 50/100 (given by the sum of the assessment of qualifications, research project and oral examination) will be eligible for the rankings.</p> <p>Rankings will be published at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings</p>
Contact for academic information	<p>https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/computer-science</p>

Converging Technologies for Biomolecular Systems (TeCSBi)
(Cod. 117R)

Department	Biotechnology and Bioscience		
Coordinator	Prof. Andrea Galimberti		
Length of program	3 years		
Research topics	<p>The cultural project of the PhD Course focuses on biological systems studied from the point of view of specific emerging properties, exploiting innovative technologies and analyzing the different levels of complexity, from the ecosystemic to the molecular one.</p> <p>Research projects will be focused on three main pillars:</p> <ul style="list-style-type: none"> • The study of complex biological functions using molecular and <i>Systems Biology</i> approaches; • Synthetic biology, bio-organic chemistry and green chemistry; • Characterisation of biodiversity and <i>bioprospecting</i> for the protection and enhancement of ecosystems and resources. 		
Available positions	Reserved positions for scholarship holders in specific international mobility programs	n. 1	n. 1 position MSCA Doctoral Network-DC11 - Project Tiny Machines Working to Elucidate Mechanisms of Cerebrovascular Pathologies (CMT-DN) - Grant Agreement No: 101227628)
	Totale posti a concorso	n. 1	
Selection procedures	<ul style="list-style-type: none"> • Assessment of qualifications and publications • Assessment of the research project • Oral examination (videoconference) 		
Assessment of qualifications	<ol style="list-style-type: none"> 1) Grade of bachelor degree: max 3 points 2) Grade of master degree (second cycle): max 7 points 2bis) Grade of old system degree or single-cycle second level degree: max 10 points 3) Publications in extenso (already published or accepted by the publishers) and conference papers, of the last two years: max 4 points 4) Participations in post-degree masters, training courses, advanced courses, specialization schools, any other second degrees: max 2 points 5) Certification of joint researches and analysis: max 2 points 6) Certification of training periods and/or research periods abroad of at least two months: max 2 points <p>The Committee will evaluate periods less than 2 months only if the early come back has been due to documented force majeure for COVID-19.</p> <p>For those students who have not obtained their degree yet, the score of points 2 or 2bis will be replaced with the assessment of the average mark of the examinations:</p> <ul style="list-style-type: none"> • Students of Master grade (second cycle): max 7 points • Students of old system degree or single-cycle second level degree: max 10 points <p>To access the assessment of research project a minimum score of 4 in the assessment of qualifications is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>		

<p>Research project</p>	<p>During the registration procedure for the competition, candidates must upload not only the qualifications but also the research project in English language as follows:</p> <ul style="list-style-type: none"> - Candidate's Name and Surname; Research Topic ID (among those proposed by the TeCSBi committee); Project's Title; State of art (Max 300 words); Objectives (Max 200 words); Work plan - tasks and expected deliverables - (Max 500 words); Impacts of the project (Max 200 words); References (max 15). <p>To access the oral examination, a score of 4 or higher must be obtained in the project assessment, otherwise the candidate will not be admitted to the oral examination and will be excluded from the competition.</p> <p>A list of research topics proposed by the TeCSBi Teaching Board, concerning both ordinary grants and those funded by external bodies/companies, further information and the editable form for writing the project are available at this address: https://elearning.unimib.it/course/view.php?id=22611</p>
<p>Information about the examinations</p>	<p>During the oral examination, the research project submitted by the candidate among those offered by the TeCSBi teaching board will be discussed. The oral examination consists of an interview regarding the skills acquired in previous research experiences (Master's thesis and/or subsequent specializations) The oral examination in videoconference will be taken partly in English to test the candidate's knowledge of English.</p>
<p>Results of the qualifications assessment</p>	<p>The results of the assessment of qualifications and research project, together with a breakdown of candidates in the examination days, that has notification value for all legal purpose, will be published on September 18th, 2026 on the University website at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
<p>Oral examinations</p>	<p>Oral examinations will take place on September 28th, 2026 from 9:30 am.</p> <p>In the event that the number of candidates to be examined is high, the committee reserves the right to hold the oral examination also on September 29th, 2026 from 9:30 am.</p>
<p>Rankings</p>	<p>Only candidates with a total final score of at least 50/100 (given by the sum of the assessment of qualifications, research project and oral examination) will be eligible for the rankings.</p> <p>Rankings will be published at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings</p>
<p>Contact for academic information</p>	<p>https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/converging-technologies-biomolecular-systems-tecsbi</p> <p>https://elearning.unimib.it/course/view.php?id=22611 (to see the research projects)</p>
<p>Further information</p>	<p>The mobility of phd students in other foreign Research Institutes is an ordinary activity for positions linked to the University scholarships and to the project scholarships. To support mobility for these positions, an increase in the scholarship for maximum 12 months is granted.</p>

Education in the Contemporary Society (Cod. 120R)

Department	Human Sciences for Education "Riccardo Massa"		
Coordinator	Prof. Chiara Maria Bove		
Length of program	3 years		
Research topics	<p>The doctoral program welcomes innovative research projects on educational problems in contemporary society, with particular attention to the challenges and issues emerging from the international scientific debate. Consideration will be given to projects that explore the educational, formative, and pedagogical dimensions of the contemporary transformations and challenges occurring in formal, nonformal, and informal learning contexts, with particular attention to territorial socioeducational services and interventions, pre-school, school, training institutions, and personal health and well-being services. The research project should be consistent in theme and disciplinary areas with the lines of research present in the doctoral program, which has an interdisciplinary nature involving pedagogical, philosophical and psychological perspectives. We give as an example a list of possible areas of research:</p> <ul style="list-style-type: none"> - lifelong, lifewide and lifedeeep learning; - education and training in post-media contexts; - education in childhood, adolescence, and adulthood; - interculturality, intersectionality, migration, gender; - phenomena of radicalization, violence and fundamentalism; - emerging and latent forms of hardship, exclusion, social injustice, educational poverty; - human-machine interaction and social robotics; - technologies, digital transition and digital mediation; - sustainability, environment and ecological education; - new forms of cultural heritage enhancement; - combating educational poverty and socio-cultural inequalities; - changes in labor and professional scenarios; - parenting and families in contemporary contexts; - emotions, education and development processes; - access to training and employment; - skill assessment and informal learning; - communication as a source of individual and collective well-being; - promotion of well-being and harmonious development of the person; - education for active citizenship; - training in the field of health and care; - ethical challenges related to educational action; - challenges for teaching and learning processes in school settings; - teaching strategies and learning environments. 		
	Scholarships funded by the Department	n. 1	n. 1 scholarship funded by the Department of Human Sciences for Education "Riccardo Massa"; linked to the following research project: " <i>Digital Parenting Ecologies - Evolving Landscapes of Parenting and Caregiving Practices in the age of Digital Media and Generative Artificial Intelligence</i> "
	Total number of available positions	n. 1	
Selection procedures	<ul style="list-style-type: none"> • Assessment of qualifications and publications • Assessment of the research project • Oral examination (videoconference) 		

<p>Assessment of qualifications</p>	<ol style="list-style-type: none"> 1) Grade of bachelor degree: max 3 points 2) Grade of master degree (second cycle): max 7 points 2bis) Grade of old system degree or single-cycle second level degree: max 10 points 3) Publications in extenso (already published or accepted by the publishers) and conference papers, of the last two years: max 4 points 4) Participations in post-degree masters, training courses, advanced courses, specialization schools, any other second degrees: max 2 points 5) Certification of joint researches and analysis: max 2 points 6) Certification of training periods and/or research periods abroad of at least two months: max 2 points <p>The Committee will evaluate periods less than 2 months only if the early come back has been due to documented force majeure for COVID-19.</p> <p>For those students who have not obtained their degree yet, the score of points 2 or 2bis will be replaced with the assessment of the average mark of the examinations:</p> <ul style="list-style-type: none"> • Students of Master grade (second cycle): max 7 points • Students of old system degree or single-cycle second level degree: max 10 points <p>To access the assessment of research project a minimum score of 3 in the assessment of qualifications is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>
<p>Research project</p>	<p>During the application process, in addition to their qualifications, candidates must also upload a research project. The research project should be consistent in topic and subject areas with the lines of research of the phd.</p> <p><u>Project characteristics:</u> the project, written in Italian or English, with a maximum length of 5 pages (2000 words, bibliography not included), should consist of the following parts:</p> <ul style="list-style-type: none"> - Abstract (approx. 400 characters) - Title - Theoretical background, general objectives and innovative character of the research topic with respect to the state of the art - Research hypothesis or questions - Methodology - Work plan over three years with an indication of the feasibility of the project in terms of prior knowledge (linguistic, methodological, bibliographical) and expected results - Bibliography. <p>To access the oral examination a minimum score of 4 in the assessment of the research project is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>
<p>Information about examinations</p>	<p>Oral examination: the examination will consist of a discussion of the candidate's proposed research project aimed at assessing the candidate's research aptitude and motivation as well as his or her interests in relation to the research themes of the doctoral program. The examination may be extended to include questions pertaining to the candidate's educational and research background to date or to the topics of the research projects related to the funded positions. Candidates will be expected to demonstrate clarity of exposition, argumentative ability, theoretical and methodological knowledge. Special attention will be paid to the congruence of the candidates' proposed research interests and objectives with the research lines of the Ph.D. program.</p> <p>Language: the oral examination will be taken in Italian or English at the candidate's choice. For candidates taking the examination in Italian, English proficiency will be tested during the oral test.</p>

<p>Results of the assessment of qualifications and research project</p>	<p>The results of the assessment of qualifications and research project, together with a breakdown of candidates in the examination days, that has notification value for all legal purpose, will be published on September 24th, 2026 on the University website at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
<p>Oral examinations</p>	<p>Oral examinations will be held on September 28th, 2026 from 9:00 am and on September 29th, 2026 from 9 am. In the event that the number of candidates to be examined is high, the committee reserves the right to hold the oral examinations also on September 30th, 2026 from 9 am.</p>
<p>Rankings</p>	<p>Only candidates with a total final score of at least 50/100 (given by the sum of the assessment of qualifications, research project and oral examination) will be eligible for the rankings. Rankings will be published at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings</p>
<p>Contact for academic information</p>	<p>https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/education-contemporary-society</p>

Materials Science and Nanotechnology (Cod. 116R)			
Department	Materials science		
Coordinator	Prof. Francesco Montalenti		
Length of program	3 years		
Research topics	Information about the main research topics are available on the website: https://www.mater.unimib.it/it/ricerca/linee-ricerca		
Posti a concorso	Scholarships funded by the Department	n. 1	n. 1 scholarship linked to the following research project: <i>Electrochemical reactions within hydrogen technologies through novel electrocatalysts and their interactions with the electrolyte</i> (PROG.1)
	Scholarships funded by external bodies	n. 2	n. 1 scholarship funded by Vishay Semiconductor GmbH, linked to the following research project: <i>"Development of new concepts for realizing IR-LEDs with increased Light Output Power"</i> (PROG.2) n. 1 scholarship funded by Agenzia per la Cybersicurezza Nazionale (ACN), linked to the following research project: <i>"Development of quantum photon sources in the for secure quantum communications"</i>
	Scholarships reserved to foreign applicants residing abroad	n. 1	n. 1 scholarship linked to the following research project: <i>"2D Materials for Next-generation quantum sensing"</i>
	Total number of available positions	n. 4	
Selection procedures	<ul style="list-style-type: none"> • Assessment of qualifications and publications • Assessment of the research project • Oral examination (videoconference) 		
Assessment of qualifications	<ol style="list-style-type: none"> 1) Grade of bachelor degree: max 3 points 2) Grade of master degree (second cycle): max 7 points 2bis) Grade of old system degree or single-cycle second level degree: max 10 points 3) Publications in extenso (already published or accepted by the publishers) and conference papers, of the last two years: max 4 points 4) Participations in post-degree masters, training courses, advanced courses, specialization schools, any other second degrees: max 2 points 5) Certification of joint researches and analysis: max 2 points 6) Certification of training periods and/or research periods abroad of at least two months: max 2 points <p>The Committee will evaluate periods less than 2 months only if the early come back has been due to documented force majeure for COVID-19.</p> <p>For those students who have not obtained their degree yet, the score of points 2 or 2bis will be replaced with the assessment of the average mark of the examinations:</p> <ul style="list-style-type: none"> • Students of Master grade (second cycle): max 7 points • Students of old system degree or single-cycle second level degree: max 10 points <p>To access the assessment of research project a minimum score of 5 in the</p>		

	assessment of qualifications is requested, otherwise candidates will not be admitted and will be excluded from the competition.
Research project	<p>During the registration procedure for the competition, candidates must upload not only the qualifications but also the research project.</p> <p>The research project (which may include a maximum of 2 Figures and a text of 4500 characters including spaces, legends and bibliography) must be written in English or Italian, uploaded in .pdf format, and must relate to topics and methodologies relevant to Materials Science and Nanotechnology. For this purpose, it may be useful to refer to the research activities of the Department of Materials Science.</p> <p>To access the oral examination, a score of 3 or higher must be obtained in the project assessment, otherwise the candidate will not be admitted to the oral examination and will be excluded from the competition.</p>
Information about examinations	<p>During the oral examination, the research project submitted by the candidate will be discussed. Candidates will be assessed with respect to:</p> <p>(a) their specific skills related to the thesis of master (second cycle)/old system degree</p> <p>(b) their general knowledge of the disciplines relevant to the PhD in Materials Science and Nanotechnology</p> <p>(c) their knowledge of English.</p> <p>The examination may be taken in Italian or English, at the candidate's choice.</p>
Results of the assessment of qualifications and research project	<p>The results of the assessment of qualifications and research project, together with a breakdown of candidates in the examination days, that has notification value for all legal purpose, will be published on September 10th, 2026 on the University website at the following link:</p> <p>https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
Oral examination	<p>Oral examinations will take place on September 17th, 2026 from 10 am to 2 pm and on September 18th, 2026 from 10 am to 2 pm. In the event that the number of candidates to be examined is high, the committee reserves the right to hold the oral examination also on September 22th, 2026 from 10 am to 6 pm.</p>
Rankings	<p>Only candidates with a total final score of at least 50/100 (given by the sum of the assessment of qualifications, research project and oral examination) will be eligible for the rankings.</p> <p>Rankings will be published at the following link:</p> <p>https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings</p>
Contact for academic information	<p>https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/materials-science-and-nanotechnology</p>
Further information	<p>All doctoral students are required to carry out their research at a scientific institution abroad for at least 6 months.</p>

Neuroscience (Cod.122R)			
Department	Medicine and Surgery		
Coordinator	Prof. Laura Musazzi		
Length of program	3 years		
Curricula	1. Experimental Neurosciences 1. Clinical Neurosciences		
Tematiche di ricerca	<p>The research topics covered in the Neuroscience PhD programme are available at the following link: https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/neuroscience</p> <p>The research topics covered by the the Academic Board of the PhD program are available at the following link: https://neuroscienze.medicina.unimib.it/</p>		
Available positions	Scholarships funded by external bodies	n. 2	n. 1 scholarship - curriculum 2 - Clinical Neurosciences funded by Istituto Auxologico Italiano linked to the following research project: <i>"Sleep disorders and neurodegenerative diseases: REM sleep behavior disorder (RBD), circadian rhythm alterations, and insomnia as potential early markers"</i> (PROG.1) n. 1 scholarship - curriculum 2 - Clinical Neurosciences funded by Congregazione delle Suore Infermiere dell'Addolorata – Ospedale Valduce – Presidio Riabilitativo "Villa Beretta" linked to the following research project: <i>"Diagnosis, Mechanisms, and Prevention of Post-Stroke Cognitive Impairment"</i> (PROG.2)
	Scholarships reserved to foreign applicants residing abroad	n.1	n. 1 scholarship - curriculum 2 - Clinical Neurosciences
	Total number of available positions	n. 3	
Selection procedures	<ul style="list-style-type: none"> • Assessment of qualifications and publications • Assessment of the research project • Oral examination (videoconference) 		
Assessment of qualifications	<ol style="list-style-type: none"> 1) Grade of bachelor degree: max 3 points 2) Grade of master degree (second cycle): max 7 points 2bis) Grade of old system degree or single-cycle second level degree: max 10 points 3) Publications in extenso (already published or accepted by the publishers) and conference papers, of the last two years: max 4 points 4) Participations in post-degree masters, training courses, advanced courses, specialization schools, any other second degrees: max 2 points 5) Certification of joint researches and analysis: max 2 points 6) Certification of training periods and/or research periods abroad of at least two months: max 2 points <p>The Committee will evaluates periods less than 2 months only if the early come back has been due to documented force majeure for COVID-19.</p> <p>For those students who have not obtained their degree yet, the score of points 2 or</p>		

	<p>2bis will be replaced with the assessment of the average mark of the examinations:</p> <ul style="list-style-type: none"> • Students of Master grade (second cycle): max 7 points • Students of old system degree or single-cycle second level degree: max 10 points <p>To access the assessment of research project a minimum score of 5 in the assessment of qualifications is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>
Research project	<p>During the registration procedure for the competition, candidates must upload not only the qualifications but also the research project.</p> <p>The research project must be written in English and must contain the following sections: state of the art, objective, methods and experimental design. Length: maximum 2 pages, excluding bibliography.</p> <p>Furthermore, for the clinical curriculum, projects of a clinical nature are expected to be submitted, while for the experimental curriculum, projects must be of an experimental nature.</p> <p>To access the oral examination, a score of 4 or higher must be obtained in the project assessment, otherwise the candidate will not be admitted and will be excluded from the competition.</p>
Information about the examinations	<p>Oral examination: The research project proposed by the candidate shall be discussed during the oral examination. The examination may be taken in Italian or English at the candidate's choice. During the oral examination, knowledge of the English language will be tested.</p>
Results of the qualifications assessment and research project	<p>The results of the qualifications assessment and research project, together with a breakdown of candidates in the examination days, that has notification value for all legal purpose, will be published on September 16th, 2026 (Curriculum 2 - Clinical Neurosciences) on the University website at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
Oral examinations	<p>Oral examination will take place on:</p> <p>Curriculum 2 - Clinical Neurosciences: September 29th, 2026 from 9:30 am.</p> <p>In the event that the number of candidates to be examined is high, the committee reserves the right to hold the oral examinations also on September 30th, 2026 from 9:30 am.</p>
Rankings	<p>Only candidates with a total final score of at least 50/100 (given by the sum of the assessment of qualifications, research project and oral examination) will be eligible for the rankings.</p> <p>Rankings will be published at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings</p>
Contact for academic information	<p>https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/neuroscience</p>
Other information	<p>The final thesis must be written and defended in English.</p>

Nursing and Midwifery
Doctoral degree in agreement with
Fondazione IRCCS San Gerardo dei Tintori e Università degli Studi di Milano
(Cod. 133R)

Department	Medicine and Surgery		
Coordinator	Prof. Davide Ausili		
Length of program	3 anni		
Research topics	<p>The PhD in Nursing and Midwifery Sciences aims to develop disciplinary, multidisciplinary and interdisciplinary skills useful for generating new knowledge, theories, methods, tools and healthcare interventions in the field of nursing and midwifery sciences. Nursing and midwifery research is applied in the field of clinical-care practice, the organization of social and health services and in training. It is aimed at the continuous improvement of nursing and midwifery care in responding to the health needs of individuals, families and communities in every environment and throughout the entire human life cycle. Some of the research lines of interest in this doctoral program are (for nursing sciences): the social determinants of self-care in the general population, self-care in chronic diseases with particular attention to cardiovascular diseases and diabetes, the perception and management of symptoms and interoception, adherence to pharmacological therapy, nursing care in the intensive care area, clinical nursing care in the elderly population with need for assistance, rehabilitation and palliative care, models of personalized care to support emerging fragilities, mutuality in the nurse and patient/caregiver relationship, nursing management and nursing education. Regarding the scientific area of obstetric sciences, the main lines of research are: physiological birth, the quality of the birth process, problems related to intrauterine fetal death, and midwifery education.</p>		
Places available	University scholarships	n. 1	
	Scholarships funded by companies which have an agreement with the University	n. 2	<p>n. 1 scholarship funded by ASST Valtellina e Alto Lario linked to the following research project: <i>"Nursing needs and determinants of self-care and frailty of people with chronic conditions in community settings"</i> (PROG.1)</p> <p>n. 1 scholarship funded by Università degli Studi di Milano, linked to the following research project: <i>MUTUAL-IS: An Implementation Science Approach to Strengthening Nurse-Patient Mutuality and the Dyadic Perspective in Chronic Illness Management</i> (PROG.2)</p>
	University Scholarships reserved for foreign students	n.1	n. 1 scholarship linked to the following research project: <i>"Promoting Health and Well-being Through Advances in Nursing and Midwifery Sciences"</i>
	Total number of places available	n. 4	
Selection procedures	<ul style="list-style-type: none"> • Assessment of qualifications and publications • Assessment of research project • Oral examination (videoconference) 		
Assessment of qualifications	<ol style="list-style-type: none"> 1) Grade of bachelor degree: max 3 points 2) Grade of master degree (second cycle): max 7 points 2bis) Grade of old system degree or single-cycle second level degree: max 10 points 3) Publications in extenso (already published or accepted by the publishers) and 		

	<p>conference papers, of the last two years: max 4 points</p> <p>4) Participations in post-degree masters, training courses, advanced courses, specialization schools, any other second degrees: max 2 points</p> <p>5) Certification of joint researches and analysis: max 2 points</p> <p>6) Certification of training periods and/or research periods abroad of at least two months: max 2 points</p> <p>The Committee will evaluate periods less than 2 months only if the early come back has been due to documented force majeure for COVID-19.</p> <p>For those students who have not obtained their degree yet, the score of points 2 or 2bis will be replaced with the assessment of the average mark of the examinations:</p> <ul style="list-style-type: none"> • Students of Master grade (second cycle): max 7 points • Students of old system degree or single-cycle second level degree: max 10 points <p>To access the assessment of research project a minimum score of 6 in the assessment of qualifications is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>
Research project	<p>During the registration procedure for the competition, candidates must upload not only the titles but also the research project. The research project should be relevant with the fields of study of Nursing and Midwifery Sciences, should be written in English, have a maximum length of 1800 words (excluding abstract, bibliography, and attachments), and contain the following sections:</p> <ul style="list-style-type: none"> - Title - Abstract - Introduction - Methods and tools - Expected results and conclusions - Bibliography - Appendices, if any <p>To access the oral examination, a score of 4 or higher must be obtained in the project assessment, otherwise the candidate will not be admitted and will be excluded from the competition.</p>
Information about the examinations	<p>Oral examination: during the oral examination, the research project presented by the candidate will be discussed. The oral test will be conducted in English and will cover aspects related to nursing and midwifery research methodology (e.g., study designs), fundamentals of public health, epidemiology and statistics, ethics in research, clinical research with special reference to nursing and midwifery roles, search skills in scientific databases, and critical reading of scientific articles.</p>
Results of the qualifications assessment and research project	<p>The results of the evaluation of qualifications and research project, together with the breakdown of candidates into the examination days, which has the value of notification for all purposes, will be published on September 9th, 2026 on the University website at: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
Oral examinations	<p>Oral examination will take place on September 22nd, 2026 from 9 am to 5 pm and on September 24th, 2026 from 9 am to 5 pm.</p>
Rankings	<p>Only candidates with a total score of at least 50/100 (given by the sum of the assessment of qualifications, research project and oral examination) will be eligible for the rankings.</p> <p>Rankings will be published at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings</p>
Contact for academic information	<p>https://en.unimib.it/education/postgraduates/doctoral-research-phd-programmes/phd-programmes/nursing-and-midwifery</p>

Physics and Astronomy
Doctoral degree in agreement with Istituto Nazionale di Fisica Nucleare – INFN
(Cod. 113R)

Department	"G. Occhialini" Department of Physics		
Coordinator	Prof. Laura D'Alfonso		
Length of program	3 years		
Research topics	<p>A) Theoretical physics: string theory and quantum field theory, theory and phenomenology of fundamental interactions, lattice field theories and computational physics.</p> <p>B) Subnuclear physics: particle physics at the Large Hadron Collider, flavour physics, neutrino physics, astroparticles and fundamental physics in space.</p> <p>C) Astrophysics: cosmology and primordial universe, study of galaxies, high energy astrophysics, gravitational waves and their sources</p> <p>D) Plasma physics: magnetically confined plasmas, thermonuclear plasmas, laser-produced plasmas, industrial applications of plasmas.</p> <p>E) Biophysics: non-linear optical microscopy applied to biosystems, models for dynamic processes, nanoparticles for nanomedicine.</p> <p>F) Physics for medicine and physics technologies.</p> <p>G) Electronics: design and characterization of analog or mixed integrated circuits for research projects and for industry. Digital systems based on microcontrollers, FPGA and integrated circuits. Physics of devices based on semiconductors.</p>		
Available positions	Scholarships funded by the Department	n. 1	n. 1 scholarship funded by Department of Physics, linked to the following research project: <i>"Integrated circuit design for industrial applications"</i> (PROG.1)
	Scholarships funded by external bodies	n. 1	n. 1 scholarship funded by Istituto per la Scienza e Tecnologia dei Plasmi del CNR (CNR-ISTP), linked to the following research project: <i>"Development of an advanced artificial diamond based neutron spectrometer for DT Fusion reactors"</i> (PROG.2)
	Total number of available positions	n. 2	
Selection procedures	<ul style="list-style-type: none"> • Assessment of qualifications and publications • Assessment of the research project • Oral examination (videoconference) 		
Assessment of qualifications	<ol style="list-style-type: none"> 1) Grade of bachelor degree: max 3 points 2) Grade of master degree (second cycle): max 7 points 2bis) Grade of old system degree or single-cycle second level degree: max 10 points 3) Publications in extenso (already published or accepted by the publishers) and conference papers, of the last two years: max 4 points 4) Participations in post-degree masters, training courses, advanced courses, specialization schools, any other second degrees: max 2 points 5) Certification of joint researches and analysis: max 2 points 6) Certification of training periods and/or research periods abroad of at least two months: max 2 points <p>The Committee will evaluate periods less than 2 months only if the early come back has been due to documented force majeure for COVID-19.</p> <p>For those students who have not obtained their degree yet, the score of points 2 or 2bis will be replaced with the assessment of the average mark of the examinations:</p>		

	<ul style="list-style-type: none"> • Students of Master grade (second cycle): max 7 points • Students of old system degree or single-cycle second level degree: max 10 points <p>To access the assessment of research project a minimum score of 4 in the assessment of qualifications is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>
Research project	<p>During the application process, in addition to their qualifications, candidates must also upload a research project, different from the abstract of the master's thesis, that will have to state the relevant research topic. The project will have to be max. 2 A4 pages, excluding bibliography, drawn up according to the following structure: title, context and purpose of the project, underlying basis of the project, methods used to carry out the project, outline of results expected from the project.</p> <p>To access the oral examination, a score of 4 or higher must be obtained in the project assessment, otherwise the candidate will not be admitted to the oral examination and will be excluded from the competition.</p>
Information about examination	<p>The oral examination will focus on the topics related to his own thesis and to the research project submitted by the candidate and will also test the basic knowledges related to the relevant research topics. The examinations may be taken in Italian or English, at the candidate's choice. Candidate's knowledge of English shall be tested during the oral examination.</p>
Additional documents	<p>Recommendation letters: The candidate must submit two letters of recommendation, one of which from the supervisor of his/her second cycle (master's) degree thesis, or equivalent qualification, in accordance with art. 4.</p>
Results of the qualifications assessment	<p>The results of the assessment of qualifications and research project, together with a breakdown of candidates in the examination days, that has notification value for all legal purpose, will be published on September 17th, 2026 on the University website at the following link:</p> <p>https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
Oral examinations	<p>Oral examinations will take place on September 23th, 2026 from 9 am. to 5 pm. In the event that the number of candidates to be examined is high, the committee reserves the right to hold the oral examination also on September 24th, 2026 from 9 am. to 5 pm.</p>
Rankings	<p>Only candidates with a total score of at least 50/100 (given by the sum of the assessment of qualifications, research project and oral examination) will be eligible for the rankings.</p> <p>Rankings will be published at the following link:</p> <p>https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings</p>
Additional information	<p>The winner of the scholarship funded by the Vinci 2025 Call for Applications will be required to sign a cotutelle agreement with the University of Aix-Marseille (France), where the candidate will spend a 12-month period.</p>
Contact for academic information	<p>https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/physics-and-astronomy</p>

Psychology, Linguistics and Cognitive Neuroscience (Cod. 127R)			
Department	Psychology		
Coordinator	Prof. Marcello Gallucci		
Length of program	3 years		
Curricula	1. Mind, Brain and Behaviour 2. Social, Cognitive and Clinical Psychology		
Research topics	Look at the website of the PhD School (https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/psychology-linguistics-and-cognitive-neuroscience) with details about the fields of research of the members of the Scientific Board		
Available positions	Scholarships funded by the Department	n. 1	n. 1 scholarship for Mind, Brain and Behaviour curriculum, Project ERC-COG-2022, linked to the following research project: " <i>BraveNewWord: The acquisition of new meanings through novel word learning</i> "
	Total number of available positions	n. 1	
Selection procedures	<ul style="list-style-type: none"> • Assessment of qualifications and publications • Assessment of the research project • Oral examination (videoconference) 		
Assessment of qualifications	1) Grade of bachelor degree: max 3 points 2) Grade of master degree (second cycle): max 7 points 2bis) Grade of old system degree or single-cycle second level degree: max 10 points 3) Publications in extenso (already published or accepted by the publishers) and conference papers, of the last two years: max 4 points 4) Participations in post-degree masters, training courses, advanced courses, specialization schools, any other second degrees: max 2 points 5) Certification of joint researches and analysis: max 2 points 6) Certification of training periods and/or research periods abroad of at least two months: max 2 points The Committee will evaluate periods less than 2 months only if the early come back has been due to documented force majeure for COVID-19. For those students who have not obtained their degree yet, the score of points 2 or 2bis will be replaced with the assessment of the average mark of the examinations: <ul style="list-style-type: none"> • Students of Master grade (second cycle): max 7 points • Students of old system degree or single-cycle second level degree: max 10 points <p>To access the assessment of research project a minimum score of 8 in the assessment of qualifications is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>		

<p>Progetto di ricerca</p>	<p>During the application process, in addition to their qualifications, candidates must also upload their research project in the scientific fields covered by the PhD programme.</p> <p>The research project must be written in English or Italian as a PDF file of no more than 2,500 words, excluding the bibliography, and must contain no more than four figures or tables.</p> <p>The project should be divided into sections containing essential information on: theoretical background, research objectives, methodology, relevance (theoretical/application), bibliography.</p> <p>Further information can be found at: https://psicologia.unimib.it/en/research/doctoral-programmes (section 'Admission').</p> <p>To access the oral examination, a score of 3 or higher must be obtained in the project assessment, otherwise the candidate will not be admitted to the oral examination and will be excluded from the competition.</p>
<p>Information about examinations</p>	<p>Oral examination: During the oral examination the research project related to the topics of the curriculum chosen by the candidate shall be discussed in order to assess the candidate's expertises and research skills in the scientific areas of the PhD program.</p> <p>Language: Knowledge of English will be tested by oral examination.</p>
<p>Results of the qualifications assessment</p>	<p>The results of the qualifications assessment, together with a breakdown of candidates in the examination days that has notification value for all legal purpose, will be published on September 11th, 2026 on the University website at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
<p>Oral examinations Curriculum 1 Mind, Brain and Behaviour</p>	<p>Oral examinations will take place on the following days: September 17th, 2026 from 9:30 am to 6 pm September 18th, 2026 from 9:30 am to 6 pm</p> <p>In the event that the number of candidates to be examined is high, the committee reserves the right to hold the oral examinations also on September 22nd, 2026 from 9:30 am to 6 pm</p>
<p>Rankings</p>	<p>Only candidates with a total final score of at least 50/100 (given by the sum of the assessment of qualifications, research project and oral examination) will be eligible for the rankings.</p> <p>Rankings will be published at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings</p>
<p>Contact for academic information</p>	<p>https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/psychology-linguistics-and-cognitive-neuroscience</p>
<p>Further information</p>	<p>Further information can be found at the link: https://elearning.unimib.it/course/index.php?categoryid=7293</p> <p>Different tests and rankings are planned for the various curricula. Each candidate may participate in the selection for one curriculum only. Final thesis will have to be drawn up and discussed in English (mandatory).</p>

Public Health Epidemiology, Statistics and Economics
(Cod. 129R)

Department	Medicine and Surgery		
Coordinator	Prof. Lorenzo Giovanni Mantovani		
Length of program	3 years		
Research topics	Public Health, Epidemiology, Biostatistics, Health Economics		
Available positions	Scholarships funded by the Department	n. 3	<p>n. 1 scholarship funded by Department of Medicine and Surgery linked to the following research project: <i>Statistical methods for the analysis of toxicity data</i> (PROG.1)</p> <p>n. 1 scholarship funded by Department of Medicine and Surgery linked to the following research project: <i>"Multilayer Graphical Networks for Precision Medicine in Thyroid Nodule Diagnosis"</i> (PROG.2)</p> <p>n. 1 scholarship funded by Department of Medicine and Surgery linked to the following research project: <i>"Primary Sclerosing Cholangitis: Development of Non-Invasive Strategies for Monitoring Disease Progression and Cholangiocarcinoma Development"</i> (PROG.3)</p>
	Scholarships funded by external bodies	n. 2	<p>n. 1 scholarship funded by Istituto Superiore di Sanità, linked to the following research project: <i>Redefining clinical trials in amyotrophic lateral sclerosis by integrating methodological and regulatory frameworks</i> (PROG.4)</p> <p>n. 1 scholarship funded by Fondazione Lilly per l'Italia, linked to the following research project: <i>Advanced models for predicting healthcare expenditure: applications to the entire population and to subgroups of populations affected by chronic conditions.</i> (PROG.5)</p>
	Total number of available positions	n. 5	
Selection procedures	<ul style="list-style-type: none"> • Assessment of qualifications and publications • Assessment of the research project • Oral examination (videoconference) 		
Assessment of qualifications	<ol style="list-style-type: none"> 1) Grade of bachelor degree: max 3 points 2) Grade of master degree (second cycle): max 7 points 2bis) Grade of old system degree or single-cycle second level degree: max 10 points 3) Publications in extenso (already published or accepted by the publishers) and conference papers, of the last two years: max 4 points 4) Participations in post-degree masters, training courses, advanced courses, specialization schools, any other second degrees: max 2 points 5) Certification of joint researches and analysis: max 2 points 6) Certification of training periods and/or research periods abroad of at least two months: max 2 points 		

	<p>The Committee will evaluate periods less than 2 months only if the early come back has been due to documented force majeure for COVID-19.</p> <p>For those students who have not obtained their degree yet, the score of points 2 or 2bis will be replaced with the assessment of the average mark of the examinations:</p> <ul style="list-style-type: none"> • Students of Master grade (second cycle): max 7 points • Students of old system degree or single-cycle second level degree: max 10 points <p>To access the assessment of research project a minimum score of 7 in the assessment of qualifications is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>
Research project	<p>During the application process, in addition to their qualifications, candidates must also upload a research project, drawn up in English, on the phd topics indicated in the section "Research topics" of this sheet and of maximum 2 pages.</p> <p>To access the oral examination a minimum score of 4 in the assessment of the research project is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>
Information about examinations	<p>Oral examination: During the oral examination the research project uploaded by the candidate will be discussed. The oral examination will be taken in Italian or English. During the oral examination candidates will have to present and discuss: (a) their educational and research background to date; (b) their own research project. The congruence of skills, study interests, and research objectives with the research themes of the doctoral program will be assessed.</p>
Results of the assessment of qualifications and research project	<p>The results of the assessment of qualifications and research project, together with a breakdown of candidates in the examination days, that has notification value for all legal purpose, will be published on September 17th, 2026 on the University website at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
Oral examinations	<p>Oral examinations will be held on September 22nd, 2026 from 9 am.</p> <p>In the event that the number of candidates to be examined is high, the committee reserves the right to hold the oral examinations also on September 23rd, 2026 from 9 am.</p>
Rankings	<p>Only candidates with a total final score of at least 50/100 (given by the sum of the assessment of qualifications, research project and oral examination) will be eligible for the rankings.</p> <p>Rankings will be published at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings</p>
Contact for academic information	<p>https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/public-health-epidemiology-statistics-and-economics</p> <p>The teaching of the programme is taught in English.</p>

Strategic Innovation For Sustainable and Smart Ecosystems

Doctoral degree in agreement with:

**Boehringer Ingelheim Italia, ENI S.p.A., Fondazione AVSI, Intesa San Paolo, Lea Cares
(Cod. 134R)**

Department	Economics, Management and Statistics (DEMS)		
Coordinator	Prof. Francesco Peri		
Length of program	3 years		
Research topics	The PhD program offers scholarship with a strong interdisciplinary emphasis in four areas of expertise: "Process innovation"; "Product innovation"; "Social & Organizational innovation"; and "Welfare innovation".		
Available positions	University scholarships	n. 1	n. 1 scholarship linked to the following research project: " <i>Geo-engineered Carbon Cycles: Mineralization and Brine Valorisation in the Circular Economy</i> " (PROG.1)
	Scholarships funded by the Department	n. 1	n. 1 scholarship funded by the Department of Law, linked to the following research project: " <i>Artificial Intelligence and the transformation of risk assessment: a legal analysis</i> " (PROG.2)
	Scholarships funded by companies which have an agreement with the University	n. 2	n.1 scholarship funded by Intesa San Paolo, linked to the following research project: " <i>Responsible AI for real-time monitoring, verifiability assessment, and explainable market-impact analysis of financial news</i> " (PROG.3) n.1 scholarship funded by ENI, linked to the following research project: " <i>Fast UV-Vis spectroscopy for monitoring and controlling plasma detachment in fusion reactors</i> " (PROG.4)
	Total number of available positions	n. 4	
Selection procedures	<ul style="list-style-type: none"> • Assessment of qualifications and publications • Assessment of the research project • Oral examination (videoconference) 		
Assessment of qualifications	<ol style="list-style-type: none"> 1) Grade of bachelor degree: max 3 points 2) Grade of master degree (second cycle): max 7 points 2bis) Grade of old system degree or single-cycle second level degree: max 10 points 3) Publications in extenso (already published or accepted by the publishers) and conference papers, of the last two years: max 4 points 4) Participations in post-degree masters, training courses, advanced courses, specialization schools, any other second degrees: max 2 points 5) Certification of joint researches and analysis: max 2 points 6) Certification of training periods and/or research periods abroad of at least two months: max 2 points <p>The Committee will evaluate periods less than 2 months only if the early come back has been due to documented force majeure for COVID-19.</p> <p>For those students who have not obtained their degree yet, the score of points 2 or 2bis will be replaced with the assessment of the average mark of the examinations:</p> <ul style="list-style-type: none"> • Students of Master grade (second cycle): max 7 points • Students of old system degree or single-cycle second level degree: max 10 points <p>To access the assessment of research project a minimum score of 2 in the assessment of qualifications is requested, otherwise candidates will not be</p>		

	admitted and will be excluded from the competition.
Research project	<p>During the application process, in addition to their qualifications, candidates must also upload a research project.</p> <p>Supplement with any information regarding the writing of the project such as type, structure, language, etc. The research project, written exclusively in English, should not exceed 4 pages (including any graphs, figures, tables and bibliographical references) and should be relevant to the topic (for project-based scholarships) chosen by the applicant.</p> <p>To access the oral examination a minimum score of 4 in the assessment of the research project is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>
Information about examinations	Oral examination: the oral examination comprises a discussion of the research project proposed by the candidate and its relevance to the field of study identified by the PhD. The examination will be held in English.
Results of the assessment of qualifications and research project Oral examinations	<p>The results of the assessment of qualifications and research project, together with a breakdown of candidates in the examination days, that has notification value for all legal purpose, will be published on September 17th, 2026 on the University website at the following link:</p> <p>https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
Oral examinations	<p>Oral examinations will be held on:</p> <p>September 24, 25, 28, 29, 30, 2026 from 9 am.</p> <p>The oral examination procedures will be published at the same time of the publication of the results of the assesment of qualifications and research project.</p>
Rankings	<p>Only candidates with a total final score of at least 50/100 (given by the sum of the assessment of qualifications, research project and oral examination) will be eligible for the rankings.</p> <p>Rankings will be published at the following link:</p> <p>https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings</p>
Contact for academic information	https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/strategic-innovation-sustainable-and-smart-ecosystems-sis2e
Further information	<p>All PhD students are requested to conduct research at a scientific institution abroad for at least 3 months.</p> <p>Start of the studies: 01.11.2026</p>

The New Public Administration: data and human resources

(109R)

Doctoral degree in associated form pursuant to art. 3 c.2 DM 226/2021 affiliated with:
Università degli Studi di Bergamo, Università degli Studi di Torino

Department	Law		
Coordinator	Prof. Monica Delsignore		
Length of program	3 years		
Curricula	1. Selection, management and enhancement of human capital in public administrations. 2. Data, policies and services in public administrations.		
Research topics	The main research topics of each curriculum are available at the following link (sub-menu): https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/new-public-administration-data-and-human-resources		
	Below is a list of research projects within which the candidate must submit their proposal. More detailed information on the individual projects can be found at https://en.unimib.it/study/doctoral-research-phd-programmes/applying-doctorate/calls-application		
Available positions	University Scholarships	n. 4	n. 3 scholarships – Curriculum 1 linked to the following research projects: - <i>Housing in the Italian legal system</i> (PROG.1) - <i>Biodiversity in the Italian legal system</i> (PROG.2) - <i>Health/social health services, private providers and competition</i> (PROG.3) n. 1 scholarship – Curriculum 2 linked to the following research project: " <i>Understanding and Enhancing School Robustness as a Driver of Student Well-Being</i> " (PROG.6)
	Scholarships funded by partner universities	n. 2	n. 1 scholarship curriculum 2 funded by University of Bergamo linked to the following research project: " <i>Administration of Essential Levels of Healthcare and Judicial Protection of Health Claims</i> " (PROG.7) n. 1 scholarship funded by University of Turin, linked to the following research project: " <i>Artificial intelligence, data analysis and legal governance: privacy, intellectual property rights and future use cases</i> " (PROG.4)
	Scholarships funded by external bodies	n.1	n.1 scholarship curriculum 1 funded by University of Bari "Aldo Moro", linked to the following research project: " <i>Essential Levels of Social Benefits Between Substantive Equality and Territorial Autonomy: Towards New Governance Models in Public Administration</i> ". (PROG.5)
	Total number of available positions	n. 7	
Selection procedures	<ul style="list-style-type: none"> • Assessment of qualifications and publications • Assessment of research project 		

	<ul style="list-style-type: none"> • Oral examination (videoconference)
Assessment of qualifications	<ol style="list-style-type: none"> 1) Grade of bachelor degree: max 3 points 2) Grade of master degree (second cycle): max 7 points 2bis) Grade of old system degree or single-cycle second level degree: max 10 points 3) Publications in extenso (already published or accepted by the publishers) and conference papers, of the last two years: max 4 points 4) Participations in post-degree masters, training courses, advanced courses, specialization schools, any other second degrees: max 2 points 5) Certification of joint researches and analysis: max 2 points 6) Certification of training periods and/or research periods abroad of at least two months: max 2 points <p>The Committee will evaluate periods less than 2 months only if the early come back has been due to documented force majeure for COVID-19.</p> <p>For those students who have not obtained their degree yet, the score of points 2 or 2bis will be replaced with the assessment of the average mark of the examinations:</p> <ul style="list-style-type: none"> • Students of Master grade (second cycle): max 7 points • Students of old system degree (obtained under the laws in force prior to Ministerial Decree no. 509/1999) or single-cycle second level degree: max 10 points <p>To access the assessment of research project a minimum score of 2 in the assessment of qualifications is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>
Research project	<p>During the application process, in addition to their qualifications, candidates must also upload a research project.</p> <p>To access the oral examination, a score of 4 or higher must be obtained in the project assessment, otherwise the candidate will not be admitted to the oral examination and will be excluded from the competition.</p>
Information about the examination	<p>Oral examination: During the oral examination, the research project presented by the candidate will be discussed. The test will consist of an oral interview in Italian or English at the candidate's choice. For candidates taking the test in Italian, their knowledge of English will be tested during the oral examination. For candidates taking the test in English, knowledge of the Italian language will be tested during the examination.</p>
Results of the qualifications assessment and research project	<p>Curriculum 1 - The results of the qualifications assessment and research project, together with a breakdown of candidates in the examination days, that has notification value for all legal purpose, will be published on September 18th, 2026 on the University website at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p> <p>Curriculum 2 - The results of the qualifications assessment and research project, together with a breakdown of candidates in the examination days, that has notification value for all legal purpose, will be published on September 18th, 2026 on the University website at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
Examination dates Curriculum 1- Selection, management and enhancement of human capital in public administrations	<p>Oral examination: September 22nd, 2026 from 9.30 am.</p> <p>In the event that the number of candidates to be examined is high, the committee reserves the right to hold the oral examinations also on September 24th, 2026 from 9.30 am.</p>

<p>Examination dates</p> <p>Curriculum 2 - Data, policies and services in public administrations</p>	<p>Oral examination: September 22nd, 2026 from 9.30 am.</p> <p>In the event that the number of candidates to be examined is high, the committee reserves the right to hold the oral examinations also on September 24th, 2026 from 9.30 am.</p>
<p>Contact for academic information</p>	<p>https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/new-public-administration-data-and-human-resources</p>
<p>Rankings</p>	<p>Only candidates with a total score of at least 50/100 (given by the sum of the assessment of qualifications, research project and oral examination) will be eligible for the rankings.</p> <p>The ranking lists will be published at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings</p>
<p>Further information</p>	<p>Admission to each curriculum is subject to a specific test. Candidates may only take the examinations for one curriculum.</p> <p>The final title and content of the research projects of the successful candidates will be defined in agreement with the tutors assigned by the Scientific Board to each doctoral student by 31 December 2026.</p> <p>All doctoral students are required to carry out their research at a scientific institution abroad for at least 6 months.</p>

Translational and Molecular Medicine – DIMET (Cod. 121R)			
Department	Medicine and Surgery		
Coordinator	Prof. Francesco Mantegazza		
Length of program	3 years		
Research topics	Clinical and Regenerative Medicine, Technological Platforms, Nanomedicine and Diagnosis, Neurodegenerative and muscular disorders, Oncological Hematological Disorders, Cardiovascular and Pulmonary Disorders, Immunological and Infective Disorders, Cellular and Molecular Mechanisms		
Available positions	Scholarships funded by the Department	n. 8	<p>n. 1 scholarship funded by Fondazione IRCCS Istituto Neurologico Carlo Besta, linked to the following research project: <i>"Development and preclinical validation of an AAV-based gene therapy for CoPAN"</i> (PROG.1)</p> <p>n. 7 scholarships funded by FONDAZIONE M-TETTAMANTI – M. DE MARCHI ETS, linked to the following research projects:</p> <ol style="list-style-type: none"> 1. <i>"Expanding access to Next-generation non-viral CAR-engineered CIK cells for cancer therapy"</i> (PROG.2) 2. <i>Dissection of glucocorticoid resistance in pediatric leukemia: from phenotypic plasticity to metabolic rewiring</i> (PROG.3) 3. <i>Targeting Macrophage Plasticity: Discovery of Novel Immunomodulatory Molecules to Convert M2 into M1 Macrophages in Childhood Acute Lymphoblastic Leukemia</i> (PROG.4) 4. <i>Role of the microenvironment in acute myeloid leukemia and innovative CAR-T cell-based strategies</i> (PROG.5) 5. <i>Pharmacological targeting of metabolic vulnerabilities in acute leukemias</i> (PROG.6) 6. <i>Targeting Metabolic and Microenvironmental Vulnerabilities of ETV6::RUNX1-Positive B-cell pre-leukemia</i> (PROG.7) 7. <i>Newborn Screening for Lysosomal Storage Disorders: From Detection to Clinical Interpretation</i> (PROG.8)
	Reserved positions for scholarship holders in specific international mobility programs	n. 1	n. 1 position Project HORIZON – MSCA – 2024-DN-01 VISI-ON-BRAIN
	Total number of available positions	n. 9	
Selection procedures	<ul style="list-style-type: none"> • Assessment of qualifications and publications • Assessment of the research project • Oral examination (videoconference) 		

<p>Assessment of qualifications</p>	<ol style="list-style-type: none"> 1) Grade of bachelor degree: max 3 points 2) Grade of master degree (second cycle): max 7 points 2bis) Grade of old system degree or single-cycle second level degree: max 10 points 3) Publications in extenso (already published or accepted by the publishers) and conference papers, of the last two years: max 4 points 4) Participations in post-degree masters, training courses, advanced courses, specialization schools, any other second degrees: max 2 points 5) Certification of joint researches and analysis: max 2 points 6) Certification of training periods and/or research periods abroad of at least two months: max 2 points <p>The Committee will evaluate periods less than 2 months only if the early come back has been due to documented force majeure for COVID-19.</p> <p>For those students who have not obtained their degree yet, the score of points 2 or 2bis will be replaced with the assessment of the average mark of the examinations:</p> <ul style="list-style-type: none"> • Students of Master grade (second cycle): max 7 points • Students of old system degree or single-cycle second level degree: max 10 points <p>To access the assessment of research project a minimum score of 6 in the assessment of qualifications is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>
<p>Research project</p>	<p>During the application process, in addition to their qualifications, candidates must also upload a research project.</p> <p>The research project must be consistent in topic and subject areas with the DIMET research areas, it has to be drawn up in English, achievable in three years of the PhD student's research, with a maximum length of 1,000 words (excluding spaces and references), structured as follows:</p> <p>Research Topic; Project's Title; State of art (Max 300 words); Objectives (Max 200 words); Methods and feasibility (Max 300 words); Impacts of the project and expected results (Max 200 words); References (max 15).</p> <p>To access the oral examination a minimum score of 4 in the assessment of the research project is requested, otherwise candidates will not be admitted and will be excluded from the competition.</p>
<p>Information about the examinations</p>	<p>Oral examination: During the oral examination the research project uploaded by the candidates will be discussed in order to assess the candidate's research skills and motivations, as well as to evaluate her/his interest in the DIMET PhD program.</p> <p>The oral examination can also consist of questions regarding the research areas of the PhD programme or the research project funded.</p>
<p>Results of the assessment of qualifications and research project</p>	<p>The results of the assessment of qualifications and research project, together with a breakdown of candidates in the examination days, that has notification value for all legal purpose, will be published on September 18th, 2026 on the University website at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
<p>Oral examinations</p>	<p>Oral examinations will take place on September 22nd, 2026 from 9 am.</p> <p>In the event that the number of candidates to be examined is high, the committee reserves the right to hold the oral examinations also on September 29th, 2026 from 9 am.</p>
<p>Rankings</p>	<p>Only candidates with a total final score of at least 50/100 (given by the sum of the assessment of qualifications, research project and oral examination) will be eligible for the rankings.</p> <p>Rankings will be published at the following link: https://www.unimib.it/studiare/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings</p>

**Contact for academic
information**

<https://en.unimib.it/study/doctoral-research-phd-programmes/phd-programmes/translational-and-molecular-medicine-%E2%80%93-dimet>