

PhD description sheets – Session III

Chemical, Geological and Environmental Sciences (Cod. 124R)			
Department	Earth and Environmental Sciences		
Coordinator	Prof. Marco Malusà		
Length of program	3 years		
Curricula	1. Chemical Sciences 2. Geological Sciences 3. Terrestrial and Marine Environmental Sciences		
Research topics	Look at the website: https://www.disat.unimib.it/it/didattica/dottorato-scienze-chimiche-geologiche-e-ambientali/linee-ricerca		
Available places	PRIN 2022 PNRR European Union Financing – NextGenerationEU – mission 4, component 2, investment 1.1.	n. 2	n. 1 scholarship for Terrestrial and Marine Environmental Sciences curriculum, linked to the following research project: " <i>Microbial ecosystem services of phyllosphere in Milan urban area</i> " (SCGA.1) n. 1 scholarship for Terrestrial and Marine Environmental Sciences curriculum, linked to the following research project: " <i>Estimating solar-induced fluorescence from multi-source observations</i> " (SCGA.2)
	Total number of places available	n. 2	
Selection procedures	Assessment of qualifications and publications + research project + oral examination (videoconference) Scholarship holders from specific international mobility programs will be selected on the basis of criteria and timing set in those programs		
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:		

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	<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 oral examination a minimum score of 4 in the assessment of qualifications is requested, otherwise candidates will not be admitted to the oral examination.</p>
Information about examinations	<ul style="list-style-type: none"> Language: The examinations may be taken in Italian or English, at the candidate's discretion. Candidate's knowledge of English shall be tested during the oral examination. Oral examination: The research project on the topics related to the curriculum chosen by the candidate, his grounding, ability and aptitude for research in the scientific areas covered by the PhD Course shall be discussed during the oral examination. Research project: during the application process candidates must upload a research project, in pdf format, not exceed 3000 words in length (with exclusion of bibliography) and no more than 4 pictures.
Results of the qualifications assessment	<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 17 November 2023 on the University website at the following link:</p> <p>https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
Oral examination	<p>Oral examinations will take place on 20 November 2023 from 09.00 a.m.</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 21 and 22 November 2023 from 09.00 a.m.</p>
Rankings	<p>Rankings will be published at the following link:</p> <p>https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings-39th-cycle</p>
Contact for academic information	<p>https://en.unimib.it/education/postgraduates/doctoral-research-phd-programmes/phd-programmes/chemical-geological-and-environmental-sciences</p> <p>https://www.disat.unimib.it/it/didattica/dottorato-scienze-chimiche-geologiche-e-ambientali/offerta-didattica</p>

Computer science (Cod. 114R)			
Department	Computer Science, Systems and Communications		
Coordinator	Prof. Leonardo Mariani		
Length of program	3 years		
Research topics	All research topics related to SSD INF/01, MAT/09 and ING-INF/05		
Available places	PRIN 2022 PNRR European Union Financing – NextGenerationEU – mission 4, component 2, investment 1.1.	n. 1	n. 1 scholarship linked to the following research project: <i>"eXplainable Artificial Intelligence in Decision making for Controllable AI"</i>
	Total number of places available	n. 1	
Selection procedures	<p>Assessment of qualifications and publications + research project + oral examination (videoconference)</p> <p>Scholarship holders from specific international mobility programs will be selected on the basis of criteria and timing set in those programs.</p>		
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 oral examination a minimum score of 7 in the assessment of qualifications is requested, otherwise candidates will not be admitted to the oral examination</p>		
Information about the examinations	<ul style="list-style-type: none"> • Language: the examinations will be in English. • Oral examination: the research project proposed by the candidate shall be discussed during the oral examination. • Research project: for this purpose, during the application process, in addition to their qualifications, candidates must also upload a research project, drawn up in English, of maximum 4 pages (minimum font size: 11 points), which discusses the reasons and the relevance of the research for Computer Science, the state of the art in the industry, the 		

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	<p>objectives and the research challenges and the methodology adopted. Up to 5 relevant references for the research community should be provided.</p> <ul style="list-style-type: none"> • 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. 5.
Results of the qualifications assessment	<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 17 November 2023 on the University website at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
Oral examination	<p>Oral examinations will take place on 20, 21, 22, 23 e 24 November 2023 from 09.00 a.m. to 07.00 p.m.</p>
Rankings	<p>Rankings will be published at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings-39th-cycle</p>
Contact for academic information	<p>https://en.unimib.it/education/postgraduates/doctoral-research-phd-programmes/phd-programmes/computer-science</p>

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

Department	Biotechnology and Bioscience		
Coordinator	Prof. Paola Branduardi		
Length of program	3 years		
Research topics	<p>The PhD Course in Converging Technologies for Biomolecular Systems (TeCSBi) is based on the study of biological systems both in the view of their emerging properties and of the molecular details defining their properties.</p> <p>Research projects will be focused on three main pillars:</p> <ul style="list-style-type: none"> - Systems and molecular biology approaches for the study of complex biological functions Synthetic biology, Bio-organic Chemistry and Green Chemistry Bioprospecting, Bioprocesses, Management and Valorization of Natural Resources 		
Available places	PRIN 2022 PNRR European Union Financing – NextGenerationEU – mission 4, component 2, investment 1.1.	n. 2	<p>n. 1 scholarship linked to the following research project: <i>"EmbryoDiet: Sex-based predictions of dietary effects during gestation via multi-omics data integration of human embryo-like structures"</i> (TECSBI.1)</p> <p>n. 1 scholarship linked to the following research: <i>"Production of functional bacterial cellulose by a circular biotechnological platform"</i> (TECSBI.2)</p>
	Total number of available positions	n. 2	
Selection procedures	<p>Assessment of qualifications and publications + oral examination (videoconference)</p> <p>Scholarship holders from specific international mobility programs will be selected on the basis of criteria and timing set in those programs</p>		
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 oral examination a minimum score of 3 in the assessment of qualifications is requested, otherwise candidates will not be admitted to the oral examination.</p>		

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<p>Information about the examinations</p>	<ul style="list-style-type: none"> • Language: the oral examination in videoconference will be taken partly in English to test the candidate's knowledge of English. • Oral examination: it consists of a first evaluation of the entry skills through multiple-choice questions, an interview regarding the skills acquired in previous research experiences (Master's thesis and/or subsequent specializations) and a discussion regarding the potential development of the research project selected by the candidate among those offered by the TeCSBi teaching board. <p>For further information: https://elearning.unimib.it/course/view.php?id=22611</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 15 November 2023 on the University website at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
<p>Oral examination</p>	<p>Oral examinations will take place on 16 November 2023 from 02.00 p.m.</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 17 November 2023 from 02.00 p.m.</p>
<p>Rankings</p>	<p>Rankings will be published at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings-39th-cycle</p>
<p>Contact for academic information</p>	<p>https://en.unimib.it/education/postgraduates/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 Research Institutes for at least 3 months is recommended for all positions and it 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>

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Economics, Statistics and Data Science (Cod. 112R)

Department	Economics, Management and Statistics (DEMS)		
Coordinator	Prof. Matteo Manera		
Length of program	4 years		
Curricula	<ol style="list-style-type: none"> 1. Economics 2. Statistics 3. Big Data & Analytics for Business 		
Research topics	<p>The PhD in Economics, Statistics and Data Science is active on the following research fields: econometrics, macroeconomics, microeconomics, methodological statistics, applied and computational statistics, data science. Particular attention is devoted to the following research topics: game theory; industrial economics; DSGE models; time series analysis; forecasting/nowcasting; development economics; behavioral and experimental economics; information economics; banking; innovation management; stochastic processes; Bayesian statistics; statistical inference; computational statistics; statistical modelling; statistical learning; structured and non-structured data analysis; machine learning; data mining; natural language processing; deep learning and computer vision for business; data visualization and visual analytics. Additional information can be found on the PhD official website: https://www.dems.unimib.it/en/research/phd-programme</p>		
Available places	University Scholarship	n. 1	n. 1 scholarship for the Economics curriculum
	Total number of places available	n. 1	
Selection procedures	Assessment of qualifications and publications + 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 oral examination a minimum score of 4 in the assessment of qualifications is requested, otherwise candidates will not be admitted to the oral examination.</p>		

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<p>Information about examination</p>	<ul style="list-style-type: none"> • Language: The oral exam will be held in English • Research project: During the oral exam the research project presented by the candidate will be discussed. For this purpose, during the application process, in addition to their qualifications, candidates must also upload their research project, drawn up in English, of maximum 5 pages. • Reference letters: The candidate must submit two reference letters written in an unofficial style and signed by professors or experts in accordance with art. 4.
<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 15 November 2023 on the University website at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/informazioni- concorsi</p>
<p>Oral Examination</p>	<p>Oral examination will take place on (Italian time): 17, 20, 21,22,23 and 24 November 2023 from 09:00 a.m</p> <p>The oral examination procedures will be published at the same time of the publication of the results of the qualifications assessment.</p>
<p>Rankings</p>	<p>Rankings will be published at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/graduatorie- rankings-39th-cycle</p>
<p>Contact for academic information</p>	<p>https://www.dems.unimib.it/en/research/phd-economics-statistics-and-data-science</p>

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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		
Available places	PRIN 2022 PNRR European Union Financing – NextGenerationEU – mission 4, component 2, investment 1.1.	n. 2	n. 1 scholarship linked to the following research project: <i>"Photo(Electro)catalysts for Renewable FuEls produCTION (PERFECT) (MAT.1)</i> n. 1 scholarship linked to the following research project: <i>"Bi-metallic nanoclusters for catalytic biomass upgrade: investigating model systems at the atomic scale. (Bi-NANO) (MAT.2)</i>
	Total number of places available	n. 2	
Selection procedures	Assessment of qualifications and publications + 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 oral examination a minimum score of 7 in the assessment of qualifications is requested, otherwise candidates will not be admitted to the oral examination.</p>		
Information about examinations	<ul style="list-style-type: none"> • Language: the examination may be taken in Italian or English, at the candidate's discretion. • Oral examination: during the oral exam candidates will be assessed with respect to: (a) their specific skills related to the thesis of master (second cycle)/old system degree, (b) their general knowledge of the disciplines relevant to the PhD in Materials Science and Nanotechnology, and (c) their knowledge of English. 		
Results of the qualifications	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		

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assessment	15 November 2023 on the University website at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi
Oral examinations	Oral examinations will take place on 17 November 2023 from 09.00 a.m to 02.00 p.m. 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 21 November 2023 from 02.00 p.m. to 05.00 p.m. , 22 November 2023 from 02.00 p.m. to 06.00 p.m. , 23 November 2023 from 09.00 a.m. to 12.00 p.m. and 24 November 2023 from 08.30 a.m. to 06.30 p.m
Rankings	Rankings will be published at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings-39th-cycle
Contact for academic information	https://en.unimib.it/education/postgraduates/doctoral-research-phd-programmes/phd-programmes/materials-science-and-nanotechnology
Further information	All doctoral students are required to carry out their research at a scientific institution abroad for at least 6 months.

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Neuroscience (Cod. 122R)			
Department	Medicine and Surgery		
Coordinator	Prof. Rosa Moresco		
Length of program	3 years		
Curricula	1. Experimental Neurosciences 2. Clinical Neurosciences 3. Neuroscience International Track		
Research topics	<p>The research topics covered in the Neuroscience PhD programme are available at the following link: http://www.neuroscienze.medicina.unimib.it/?page_id=1555</p> <p>The research topics covered by the the Academic Board of the PhD program are available at the following link: http://www.neuroscienze.medicina.unimib.it/?page_id=61</p> <p>The research topics covered in the Neuroscience International Track are focused on the study of the effects of stress and antidepressants on behavior, sleep and brain cell morphology</p>		
Available places	PRIN 2022 PNRR European Union Financing – NextGenerationEU – mission 4, component 2, investment 1.1.	n. 2	n.1 scholarship for Experimental Neurosciences curriculum, linked to the following research project: “ <i>Interplay between neuroactive steroids and endoplasmic reticulum-mitochondria interaction: a novel therapeutic horizon in CIPN</i> ” (NEURO.1) n. 1 scholarship for Experimental Neurosciences curriculum, linked to the following research project: “ <i>Role of Mesenchymal Stem Cell-derived Extracellular Vesicles in restoring altered GABA switch in neurodevelopmental disorders</i> ” (NEURO.2)
	Total number of places available	n. 2	
Selection procedures	Assessment of qualifications and publications +research project + oral examination (videoconference). During the oral examination the research project shall be discussed in order to assess the candidate's previous expertises, research skills and motivations, as well as her/his interest in the PhD program.		
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 evaluates 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 		

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	<ul style="list-style-type: none"> Students of old system degree or single-cycle second level degree: max 10 points <p>To access the oral examination no minimum score in the assessment of qualifications is requested.</p>
Information about the examinations	<ul style="list-style-type: none"> Language: The examinations may be taken in Italian or English, at the candidate's discretion, except for Neuroscience International Track curriculum. For this one the examination is to be taken only in English. Knowledge of English will be tested by oral examination and submission of any certification. Oral examination: The research project proposed by the candidate shall be discussed during the oral examination. Research project: For this purpose, during the application process, in addition to their qualifications, candidates must also upload their research project, whose theme and subject areas shall be consistent with the composition of the Academic Board, the directions of the PhD research and its technological equipments (see also http://www.neuroscienze.medicina.unimib.it). The project shall furthermore be drawn up in English according to the following structure and not exceed 1000 words in length, (excluding references): 1) background, 2) objectives, 3) research method, 4) expected results, 5) bibliography.
Results of the qualifications assessment	<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 Curriculum 1 -Experimental Neurosciences - 17 November 2023 on the University website at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/informazioni- concorsi</p>
Oral examinations	<p>Oral examination will take place on: Curriculum 1 - Experimental Neurosciences 21 November 2023, from 09.00 a.m.</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 22 November 2023 from 09.30 a.m.</p>
Rankings	<p>Rankings will be published at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/graduatorie- rankings-39th-cycle</p>
Contact for academic information	<p>https://en.unimib.it/education/postgraduates/doctoral-research-phd-programmes/phd-programmes/neuroscience</p>

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Physics and Astronomy (Cod. 113R)

Department	"G. Occhialini" Department of Physics		
Coordinator	Prof. Stefano Ragazzi		
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 places	PRIN 2022 PNRR European Union Financing – NextGenerationEU – mission 4, component 2, investment 1.1.	n. 1	n. 1 scholarship linked to the following research project: <i>"Innovative crystal calorimetry for future particle colliders"</i>
	Total number of places available	n. 1	
Selection procedures	Assessment of qualifications and publications + 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 • Research pro 		

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	To access the oral examination a minimum score of 3 in the assessment of qualifications is requested, otherwise candidates will not be admitted to the oral examination.
Information about examination	<ul style="list-style-type: none"> • Language: The examinations may be taken in Italian or English, at the candidate's discretion. Candidate's knowledge of English shall be tested during the oral examination. • 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. • Research project: for this purpose, 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 among those ones indicated above (letters A-G). 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. The research project uploaded during the application will not be binding for the choice of the final thesis topic if the candidate is admitted to the course. • 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. 5.
Results of the qualifications assessment	<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 14 November 2023 on the University website at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/informazioni- concorsi</p>
Oral examination	<p>Oral examinations will be held on 15 November 2023 from 08.30 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 21 November from 08:30 a.m.</p>
Rankings	<p>Rankings will be published at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/graduatorie- rankings-39th-cycle</p>
Contact for academic information	<p>https://www.fisica.unimib.it/it/didattica/dottorato/attivita%3A0-didattica-dottorato</p>

Note: In the event of any inconsistency or discrepancy between the English version and Italian version of this Call, the Italian language version shall prevail.

Psychology, Linguistics and Cognitive Neurosciences (Cod. 127R)

Department	Psychology		
Coordinator	Prof. Simona Sacchi		
Length of program	3 years		
Curricula	<ol style="list-style-type: none"> 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/education/postgraduates/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 places	PRIN 2022 PNRR European Union Financing – NextGenerationEU – mission 4, component 2, investment 1.1.	n. 2	<p>n. 1 scholarship for Mind, Brain and Behaviour curriculum 1, linked to the following research project: <i>"BUGIFY: Psychological Strategies for Sustainable Food Consumption"</i> (PSICO.1)</p> <p>n. scholarship for Social, Cognitive and Clinical Psychology curriculum 2, linked to the following research project: <i>"Can the dynamics underlying face perception help prevent gender stereotypes?"</i> (PSICO.2)</p>
	Total number of places available	n. 2	
Selection procedures	Assessment of qualifications and publications + 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 oral examination a minimum score of 8 in the assessment of qualifications is requested, otherwise candidates will not be admitted to the oral examination.</p>		

Note: In the event of any inconsistency or discrepancy between the English version and Italian version of this Call, the Italian language version shall prevail.

<p>Information about examinations</p>	<ul style="list-style-type: none"> • Language: Knowledge of English will be tested by oral examination. • 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. • Research project: For this purpose, during the application process, in addition to their qualifications, candidates must also upload their research project, drawn up in English or Italian, in a pdf file not exceeding 2500 words, bibliography excluded, and containing up to 4 pictures or charts.
<p>Results of the qualifications assessment</p>	<p>The results of the qualifications assessment, curricula 1 and 2, together with a breakdown of candidates in the examination days that has notification value for all legal purpose, will be published on 20 November 2023 on the University website at the following link: https://www.unimib.it/didattica/offerta-formativa/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: 21 November 2023 from 01.30 p.m. to 06.00 p.m. 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 22 November 2023 from 01.30 p.m. to 06.00 p.m</p>
<p>Oral examinations Curriculum 2 Social, Cognitive and Clinical Psychology</p>	<p>Oral examinations will be held on the following days: 21 November 2023 from 01.30 p.m. to 06.00 p.m. In the event that the number of candidates to be examined is high, the commission reserves the right to hold the oral examinations also on 22 November 2023 from 01.30 p.m. to 06.00 p.m</p>
<p>Rankings</p>	<p>Rankings will be published at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/graduatorie- rankings-39th-cycle</p>
<p>Contact for academic information</p>	<p>https://en.unimib.it/education/postgraduates/doctoral-research-phd-programmes/phd-programmes/psychology-linguistics-and-cognitive-neuroscience</p>
<p>Further information</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>

Note: In the event of any inconsistency or discrepancy between the English version and Italian version of this Call, the Italian language version shall prevail.

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 places	PRIN 2022 PNRR European Union Financing – NextGenerationEU – mission 4, component 2, investment 1.1.	n. 1	n. 1 scholarship linked to the following research project: <i>"Novel insights on the role of CXCL12-CXCR4 signaling in hematopoietic development"</i>
	Total number of places available	n. 1	
Selection procedures	Assessment of qualifications and publications + research project + oral examination (videoconference)		
Assessment of qualifications	<p>1) Grade of bachelor degree: max 3 points</p> <p>2) Grade of master degree (second cycle): max 7 points</p> <p>2bis) Grade of old system degree or single-cycle second level degree: max 10 points</p> <p>3) Publications in extenso (already published or accepted by the publishers) and 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 oral examination a minimum score of 6 in the assessment of qualifications is requested, otherwise candidates will not be admitted to the oral examination.</p>		

<p>Information about the examinations</p>	<ul style="list-style-type: none"> • Language: The oral examination will be taken in Italian and English. • Oral examination: The research project proposed by the candidate shall be discussed during the oral examination in order to assess the candidate's research skills and motivations, as well as to evaluate her/his interest in the DIMET PhD program. The oral examination can also consist of questions regarding the research areas of the PhD programme or the research project funded. • Research project: For this purpose, during the application process, in addition to their qualifications, candidates must also upload a research project relating to the research areas of the PhD course (http://www.dimet.org). The research project will have to be in English, max 1 page, excluding references, drawn up according to the following structure: 1) Background, 2) goals, 3) research method, 4) expected results, 5) bibliography.
<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 17 November 2023 on the University website at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
<p>Oral examinations</p>	<p>Oral examinations will take place on 21 November 2023 from 10.00 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 23 November 2023 from 10.00 am</p>
<p>Rankings</p>	<p>Rankings will be published at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings-39th-cycle</p>
<p>Contact for academic information</p>	<p>https://en.unimib.it/education/postgraduates/doctoral-research-phd-programmes/phd-programmes/translational-and-molecular-medicine-%E2%80%93-dimet</p>

**URBEUR-Urban Studies
(Cod. 126R)**

Department	Sociology and Social Research		
Coordinator	Prof. Lavinia Bifulco		
Length of program	3 years		
Research topics	https://en.unimib.it/education/postgraduates/doctoral-research-phd-programmes/phd-programmes/urbeur-%E2%80%93-urban-studies		
Available places	PRIN 2022 PNRR European Union Financing – NextGenerationEU – mission 4, component 2, investment 1.1.	n. 1	n. 1 scholarship linked to the following research project: <i>"Linus- living the UniverSity City; student housing as driver of changes"</i>
	Total number of places available	n. 1	
Selection procedures	Assessment of qualifications and publications + 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 oral examination a minimum score of 5 in the assessment of qualifications is requested, otherwise candidates will not be admitted to the oral examination.</p>		
Information about examinations	<ul style="list-style-type: none"> • Language: the examinations shall be held in English. • Oral examination: the research project proposed by the candidate shall be discussed during the oral examination. • Research project: for this purpose, during the application process, in addition to their qualifications, candidates must also upload their research project drawn up in English (max.4000 words) according to the following structure: theoretical framework, assumptions and methodology. 		

<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 14 November 2023 on the University website at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/informazioni-concorsi</p>
<p>Oral examinations</p>	<p>Oral examinations will take place on 22 November 2023 from 10.00 a.m. to 6.00 p.m. 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 23 November 2023 from 10.00 a.m. to 02.00 p.m.</p>
<p>Rankings</p>	<p>Rankings will be published at the following link: https://www.unimib.it/didattica/offerta-formativa/dottorato-ricerca/accedere-al-dottorato/graduatorie-rankings-39th-cycle</p>
<p>Contact for academic information</p>	<p>https://en.unimib.it/education/postgraduates/doctoral-research-phd-programmes/phd-programmes/urbeur-%E2%80%93-urban-studies</p>