

Attachment: Call Sheets for each Doctoral Course (Call DR N° 0063047/21 of 17/05/2021)

| Analysis of Social and Economic Processes (ASEP) (Cod. 103R) | | | |
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| Department | Sociology and Social Research | | |
| Coordinator | Prof. Maurizio Pisati | | |
| Length of program | 3 years | | |
| Research topics | Consumption, Culture and Cultural Change, Demography, Deviance and Crime, Economics, Education, Ethnicity and Interethnic Relations, Family, Gender, Labor Market, Migrants and Migrations, Organizations, Policy Evaluation, Political Communication, Power, Religion, Research Design and Methods, Social Change, Social Inequality, Social Networks, Social Work, Subjective Well-being, Youth. | | |
| Places available | University scholarships | n. 5 | |
| | Positions of Industrial/Executive PhD | n. 1 | n. 1 position reserved to employees of Mestieri Lombardia consorzio di cooperative sociali a.r.l. |
| | Total number of places available | n. 6 | |
| Selection procedures | Assessment of qualifications and publications + oral examination (videoconference) The candidate must submit two reference letters written in an unofficial style and signed by professors or experts in accordance with art. 3. | | |
| 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 | | |
| Information about the examinations | <p>To access the oral examination no minimum score in the assessment of qualifications is requested.</p> <p>The oral examination will be conducted entirely in English and focus on two main aspects: (a) academic and research background of applicants; and (b) research interests applicants intend to pursue if admitted to the doctoral program. The interview will be evaluated against the following criteria: clarity of the exposition, argumentative ability, theoretical and methodological knowledge in the field of social sciences, fit between applicant's research interests and faculty areas of specialization.</p> | | |
| Examination dates | <p>Oral examination: 6 September 2021 from 9.30 am to 6.30 pm; 13 September 2021 from 9.30 am to 6.30 pm; 14 September 2021 from 9.30 am to 6.30 pm.</p> <p>If necessary, the oral examinations will go on 17 September from 9.30 am to 6.30 pm and 20 September from 9.30 am to 6.30 pm.</p> | | |

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| Contact for academic information | https://www.unimib.it/didattica/dottorato-ricerca/corsi-dottorato/analisi-dei-processi-sociali-ed-economici-asep |
| Further information | 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 22 July 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca |

| Cultural and Social Anthropology (Code 74R) | | | |
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| Department | "Riccardo Massa" Human Sciences for Education Department | | |
| Coordinator | Prof.ssa Alice Bellagamba | | |
| Length of program | 3 years | | |
| Research topics | We welcome innovative proposals in all fields of cultural and social anthropology. We are interested in researches that expand the anthropological and ethnographic knowledge of Africa, Northern and Southern America, Central Asia, China, Europe, India, the Middle East, Oceania, South-East Asia in addition to Italy and the Mediterranean basin. | | |
| Places available | University scholarships | n. 3 | |
| | University scholarships reserved to foreign university graduates | n. 1 | |
| | Positions of Industrial/Executive PhD | n. 6 | n. 1 position reserved to collaborators/employees of A.P.S. AntropoLogiche, Ricerche e Studi per il Sociale. n. 1 position reserved to collaborators/employees of Associazione Centro Ambrosiano di Solidarietà Onlus Ce.A.S. n. 1 position reserved to collaborators/employees of Federazione Trentina della Cooperazione-Soc. Coop. n. 1 position reserved to collaborators/employees of Fondazione Maria Bianca Corno per la lotta contro l'anoressia Onlus n. 1 position reserved to collaborators/employees of OVCI La Nostra Famiglia Onlus n. 1 position reserved to collaborators/employees of Sindacato UILFPL Milano |
| | Places without scholarship | n. 1 | |
| | Total number of places available | n. 11 | |
| | Selection procedures for ordinary places | Assessment of qualifications and publications + oral examination (videoconference) | |
| Selection procedures for reserved places | Assessment of qualifications and publications + oral examination (videoconference). For candidates who are not native speakers of Italian or English, the selection committee will verify the linguistic competences in one of the two languages | | |

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| Assessment of qualifications | <p>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.</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 |
| Information about the examinations | <p>To access the oral examination no minimum score in the assessment of qualifications is requested.</p> <p>The exam consists of an oral interview, carried out either in Italian or English at the candidate's choice.</p> <p>The selection committee will test the English proficiency of candidates that have chosen Italian for the interview.</p> <p>The interview discusses the research project of the candidate. During the application process, in addition to their qualifications, candidates must upload their research project (max. 6 pages, line spacing 1, included bibliography) drawn up according to the following structure: 1. Summary; 2. General objectives and innovativeness of the research topic compared to the state of the art; 3. Work plan over three years; 4 Feasibility of the project in terms of prior knowledge (linguistic, ethnographic, bibliographic), institutional contacts, relationships that can facilitate the research; 5) bibliography.</p> <p>The candidates are expected to show methodological insight, critical ability, methodological insight, and the capacity of raising (and defending) their arguments in a clear and straightforward way.</p> |
| Examination dates | <p>Oral examination: 31 August 2021 at 10 am (if necessary, the oral examinations will go on in the following days)</p> <p>Oral interviews for reserved places (foreign university graduates and executive positions) will take place on 30 August 2021 from 10.00 am to 6.00 pm</p> |
| Contact for academic information | <p>dacs.dottorato@unimib.it</p> <p>https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/cultural-and-social-anthropology</p> |
| Further information | <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 19 July 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> |

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| Business for Society (Code 106R) | |
| Department | Business and Law |
| Coordinator | Prof.ssa Paola Bongini |

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| Length of program | 3 years | | |
| Curricula | 1. Management of institutions and international organizations 2. Strategic management of innovation in companies and no-profit organizations | | |
| Research topics | Rethinking the responsible corporation by bridging management, law, governance and purpose; measuring, managing and communicating on performance for sustainability; environmental, social, governance: a new paradigm for businesses; finance and economy for society; business education for society. | | |
| Places available | University scholarships | n. 3 | n. 2 scholarships curriculum "Management of institutions and international organization" n. 1 scholarship curriculum "Strategic management of innovation in companies and no-profit organizations" |
| | Scholarships funded by the Department | n. 1 | n. 1 scholarship curriculum "Strategic management of innovation in companies and no-profit organizations" linked to the following research project: <i>"Business for society: digital transformations, business models and ethical challenges"</i> |
| | Positions of Industrial/Executive PhD | n. 7 | n. 2 positions reserved to employees of Fondazione AVSI for curriculum Management of institutions and international organizations n. 4 positions reserved to employees of Google Italy s.r.l. for curriculum Strategic management of innovation in companies and no-profit organizations n.1 positions reserved to employees of Beready s.r.l. for curriculum Strategic management of innovation in companies and no-profit organizations |
| | Total number of places available | n. 11 | |
| Selection procedures | Assessment of qualifications and publications + 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 (obtained under the laws in force prior to Ministerial Decree no. 509/1999) or single-cycle second level degree: max 10 points | | |
| Information about the examinations | To access the oral examination no minimum score in the assessment of qualifications is requested. The oral exam will be conducted entirely in English. During the oral exam candidates will have to present and discuss: (a) the training and research path undertaken so far; (b) their research project. | | |

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| | <p>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.</p> <p>For the evaluation of the discussion the following aspects will be considered: clarity and straightforwardness of the exposition, reasoning capability, theoretical and methodological knowledge in the management, congruence of study interests and research objectives with the research topics of the doctoral program.</p> |
| Examination dates | Oral examination: 6 September 2021 from 9.30 am to 6.30 pm |
| Contact for academic information | https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/business-society |
| Further information | <p>During the procedure candidates have to apply for the curriculum ("Management of institutions and international organizations" or "Strategic management of innovation in companies and no-profit organizations") which they want to be evaluated for.</p> <p>Different rankings are planned for each curriculum.</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 3 September 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> |

| Economics, Statistics and Data Science (Cod. 107R) | | | |
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| 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</p> <p>Additional information can be found on the PhD official website: https://www.dems.unimib.it/en/research/phd-programme</p> | | |
| Places available | University scholarships | n. 10 | n. 4 scholarships on the Economics curriculum n. 4 scholarships on the Statistics curriculum n. 2 scholarships on the Big Data & Analytics for Business curriculum |
| | Scholarships funded by the Department | n. 3 | n. 1 scholarship funded by the grant "Departments of Excellence – year 2017", curriculum Economics linked to the following research project: <i>"Theoretical and applied studies in Economics"</i> |

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| | | | <p>n. 1 scholarship funded by the grant "Departments of Excellence – year 2017", curriculum Statistics, linked to the following research project: "<i>Theoretical and applied studies in Data Science and Statistics</i>"</p> <p>n. 1 scholarship funded by the grant "Departments of Excellence – year 2017", curriculum Big Data and Analytics for Business, linked to the following research project: "<i>Theoretical and applied studies in Big Data and Analytics for Business</i>"</p> |
| | Positions of Industrial/Executive PhD | n. 4 | <p>n. 1 position reserved to employees of Banca d'Italia, curriculum Economics</p> <p>n. 2 position reserved to employees of Intesa San Paolo, curriculum Big Data & Analytics for Business</p> <p>n. 1 position reserved to employees of Intesa San Paolo Innovation Center S.p.A., curriculum Big Data & Analytics for Business</p> |
| | High level training apprenticeship contracts | n. 1 | n. 1 contract with Oaks s.r.l., curriculum Big Data & Analytics for Business, linked to the following research project: " <i>Learning probabilistic latent representations for accurate predictions and optimal decisions</i> ". |
| | Total number of places available | 18 | |
| Selection procedures | <p>Assessment of qualifications and publications + oral exam (videoconferenza)</p> <p>The candidate must submit two reference letters written in an unofficial style and signed by professors or experts in accordance with art. 3</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 (obtained under the laws in force prior to Ministerial Decree no. 509/1999) or single-cycle second level degree: max 10 points | | |
| Information about the examinations | <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> <p>The oral exam will be held in English. During the oral exam the research project presented by the candidate will be discussed.</p> <p>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.</p> | | |
| Examination dates | Oral examination: 19, 20, 21, 22, 23, 26, 27, 28, 29, 30 July 2021, at 9.30 am (Italian time). | | |
| Contact for academic | https://www.dems.unimib.it/en/research/phd-programme | | |

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| Further information | <p>During the application, candidates have to select one curriculum (Economics, Statistics or Big Data & Analytics for Business).</p> <p>Rankings of candidates are distinct for each curriculum.</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 16 July 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> |

| Education in Contemporary Society (Code 98R) | | | |
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| Department | Human Sciences for Education "Riccardo Massa" | | |
| Coordinator | Prof.ssa Francesca Antonacci | | |
| Length of program | 3 years | | |
| Research topics | <p>The PhD program aims to realize empirical, experimental, theoretical, transformative, historical, and/or comparative research projects, which focus significant issues of contemporary education and learning. We will take into consideration research projects devoted to illuminate the educational/pedagogical/training dimension of contemporary life in contexts of formal, non-formal and informal learning, with particular attention to the socio-educational services and interventions, to preschool and scholastic educational services, to issues related to migratory processes and intercultural educational policies, to changes in work and life phases and transitions. The following thematic areas reflect lines of research actively carried out in the PhD board and in the Department:</p> <ul style="list-style-type: none"> - intercultural education and challenges of interculturality; - changing scenarios of work and professions; - radicalization, violence and fundamentalism; - emerging and hidden forms of distress, exclusion, injustice; - education to active citizenship; - lifelong, lifewide and lifedeeep learning, in formal and informal settings; - promotion of well-being and high quality life; - education and training in health and care; - development of social understanding in learners of different contexts; - communication as a source of individual and collective well-being; - ethical challenges in educational/training action; - impact of different theoretical and epistemological approaches in understanding educational phenomena. - diffusion and use of new technologies and media; - learning and teaching processes, learning environments and didactics | | |
| Places available | University scholarships | n. 5 | |
| | University scholarships reserved to foreign university graduates | n. 1 | |
| | Positions of Industrial/Executive PhD | n. 7 | <p>n. 1 position reserved to employees of Fondazione Accademia Carrara</p> <p>n. 1 position reserved to employees of Libera Compagnia di Arti & Mestieri Sociali Cooperativa Sociale Onlus a.r.l.</p> <p>n. 1 position reserved to employees of Associazione L'abilità Onlus</p> <p>n. 2 positions reserved to employees of Alpha Company for caring, Rehabilitation, Diagnosing and Training of Children and their Caregivers</p> |

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| | | | n. 2 positions reserved to employees of Gaza Community Mental Health Program |
| | Places without scholarship | n. 2 | |
| | Total number of places available | n. 15 | |
| Selection procedures | Assessment of qualifications and publications + oral examination (videoconference) | | |
| Assessment of qualifications | <p>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.</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 | | |
| Information about examinations | <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> <p>Examinations can be taken in Italian or in English.</p> <p>The <u>oral examination</u> in videoconference, will be partially in English to test the candidate's linguistic ability; it entails a discussion of the research project uploaded by the candidate and its pertinence with the research area defined by this PhD. Hence, during application the candidate must upload, besides the other documents, a research project, in Italian or in English.</p> <p>The <u>research project</u> must be coherent with the themes and disciplines represented in the Board. To this end, it is advisable to consult the website and staff web pages.</p> <p>Features of the project: length 8.000-10.000 characters (spaces included, references excluded), structured as follows:</p> <ul style="list-style-type: none"> - Abstract (about 400 characters) - Project: Title, theoretical background, objectives/hypotheses or research questions, methodology, expected results. - Bibliography | | |
| Examination dates | <p>Oral examination: from 19 July 2021, at 10:00 am</p> <p>If necessary, the oral examinations will go the following days</p> | | |
| Contact for academic information | <p>https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/education-contemporary-society</p> | | |
| Further information | <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 16 July 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> | | |

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| | <p>In the evaluation of qualifications (item 3), only scientific papers in peer-reviewed journals, books or conferences will be considered.</p> <p>For further information write to dottorato.educazione@unimib.it</p> |
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| Physics and Astronomy PhD in partnership with INFN (Code 86R) | | | |
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| Department | "G. Occhialini" Department of Physics | | |
| Coordinator | Prof. Marta Calvi | | |
| Length of program | 3 years | | |
| Curricula | <ol style="list-style-type: none"> 1. Theoretical physics 2. Subnuclear physics 3. Astrophysics 4. Plasma physics and biophysics 5. Applied Physics and Electronics 6. Mathematical aspects of string theory (a joint curriculum with the University of Surrey – UK. At the end of the program a double degree is conferred. | | |
| 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> | | |
| Places available | University scholarships | n. 5 | |
| | Scholarships funded by companies which have an agreement with the University | n. 3 | n. 3 scholarships funded by INFN |
| | Scholarships funded by the Department | n. 8 | <p>n. 2 scholarships linked to the following research project: <i>"Integrated Circuits for industrial applications"</i></p> <p>n. 1 scholarship, funded by PRIN 2017 project, linked to the following research project: <i>"Innovative Kinetic Inductance Detectors Readout: from COSMO to SWIPE++"</i></p> <p>n. 1 scholarship funded by H2020 – INSIGHT project, linked to the following research project: <i>"Optical multispot scanning system for non-linear excitation in-vivo imaging"</i></p> <p>n. 1 scholarship funded by ERC- 2018-COG BE MASSIVE project, linked to the following research project: <i>"Large catalogs of gravitational-wave events with machine</i></p> |

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| | | | <p><i>learning"</i></p> <p>n. 1 scholarship funded by ERC-2019-COG CosmicWeb project, linked to the following research project: <i>"Cosmic Web in emission at high redshift"</i></p> <p>n. 1 scholarship funded by PRIN project and others, linked to the following research project: <i>"Optimization of low energy electron detectors for neutrino physics with construction of a model that accurately reproduces the detector response."</i></p> <p>n. 1 scholarship co-funded by the University of Surrey, bound to application to curriculum 6 for the joint project with the University of Surrey, linked to the following research project: <i>"Infrared dynamics of supersymmetric gauge theories"</i></p> |
| | Scholarships funded by external bodies | n. 2 | <p>n. 2 scholarships funded by DTTS.C.AR:L (Consorzio per l'attuazione del Progetto Divertor Tokamak TEST) and CNR, linked to the following research project: 1) <i>"Physics of advanced scenarios in the DTT tokamak, with emphasis on NBI interaction with plasmas";</i> 2) <i>"Impact of MHD stability on disruptivity in view of the DTT tokamak operations"</i>.</p> |
| | Positions of Industrial/Executive PhD | n. 1 | n.1 position reserved to employees of Infineon Technologies Austria AG and linked to the following research project: <i>"High performance mixed-signal circuits in Smart Power Technologies"</i> . |
| | University scholarships reserved to foreign university graduates | n. 1 | |
| | Places without scholarships | n. 1 | |
| | Places without scholarship reserved to foreign university graduates | n. 1 | |
| | Total number of places available | n. 22 | |
| Selection procedures for ordinary places | Assessment of qualifications and publications + oral examination (videoconference) | | |
| Selection procedures for reserved places | 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> | | |

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| | <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>The candidates interested to the joint curriculum with Surrey n. 6, will have to submit all the documentation in English</p> |
| Information about examination | <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> <p>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.</p> <p>The oral examination for curriculum n. 6 will have to be taken only in English.</p> <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.</p> <p>For this purpose, during the application process, in addition to their qualifications, candidates must also upload their research project 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.</p> <p>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.</p> <p>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. 3. For the candidates interested to the joint curriculum 6 with the University of Surrey – UK, neither reference letters will have to be signed by the future English supervisor.</p> |
| Examination dates | <p>Oral examination for curricula 1-5: 16, 19, 20, 21, 22, 23 July 2021, at 9.00 am If necessary, the oral examinations will go on 26 and 27 July 2021.</p> <p>Oral examination for curriculum 6: 16, 19 July 2021 at 9.00 am</p> |
| Academic information | <p>https://www.fisica.unimib.it/it/didattica/dottorato/attivita%20didattica-dottorato</p> |
| Further information | <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 July 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca.</p> <p>To enrol in the joint curriculum 6 with the University of Surrey (UK) a certificate of English is required: - IELTS certificate score 6.5 is required (min. 6 in each areas) or Cambridge certificate level C1 (score 176 overall - min. 169 in each areas).</p> <p>The certificate should be obtained before the enrolment in University of Surrey and no longer than 2 years before the date of the enrolment.</p> <p>The eligible candidate will have to enrol in Unimib and, only after and by January 1st, 2022, in University of Surrey.</p> <p>The choice of this curriculum involves a research period at the University of Surrey of 12 months during which the student is required to pay the registration fees provided by the University, equal to £ 2.000 for UK / EU students per year.</p> <p>For extraUE students: please see the amount of the fees on the website of the University of Surrey. Scholarships and research budget in Unimib as per art. 13 of the Call and Rules of the PhD School.</p> |

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| | <p>Candidates interested in the joint curriculum 6 with the University of Surrey will have to fill out a questionnaire according to art. 5 of the Call.</p> <p>Different tests and rankings are planned for curriculum 6 and the others (1-5).</p> <p>During the admission procedure candidates may apply for curriculum 6 or for all the other five curricula or both of them (curriculum 6 + the others).</p> <p>Candidates that apply for the position reserved to foreign university graduates cannot apply also for the ordinary positions and for the position reserved to curriculum 6.</p> |
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| Computer Science (Code 87R) | | | |
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| 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 | | |
| Places available | University scholarships | n. 5 | |
| | Scholarships funded by external bodies | n. 2 | <p>n. 1 scholarship funded by CNR-ISTI and linked to the following research project: <i>"Deep learning techniques for next generation context-aware recommendation and search systems"</i></p> <p>n. 1 scholarship funded by ROCHE S.p.A. and linked to the following research project: <i>"Structural causal models, static and dynamic causal networks for health and medicine"</i></p> |
| | Positions of Industrial/Executive PhD | n. 5 | <p>n. 1 position reserved to employees of X-Next s.r.l.</p> <p>n. 3 positions reserved to employees of Social Things s.r.l.</p> <p>n. 1 position reserved to employees of Noovle s.r.l. a Socio Unico Noovle s.p.a.</p> |
| | High level training apprenticeship contracts | n. 2 | <p>n. 1 contract with Spazio Dati s.r.l. linked to the following research project: <i>"Cracking the Long-tail Entity Barrier in the Development of Domain-specific Knowledge Graphs"</i></p> <p>n. 1 contract with Datasinc s.r.l. linked to the following research project: <i>"Natural Language Processing and Computer Vision applied to information extraction, classification, linking and retrieval in legaltech, fintech, proptech and insurtech"</i>.</p> |
| | Places reserved to scholarship holders from specific international mobility programs | n. 1 | n. 1 position reserved to MSCA-ITN-2020 – Innovative Training Networks and linked to the following research project: <i>"Algorithms for Pangenome Computational Analysis (ALPACA)"</i> |

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| | Places without scholarship | n. 2 | |
| | Total number of places available | n. 17 | |
| 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 (obtained under the laws in force prior to Ministerial Decree no. 509/1999) or single-cycle second level degree: max 10 points | | |
| Information about examinations | <p>To access the oral examination no minimum score in the assessment of qualifications is requested.</p> <p>The examinations will be in English.</p> <p>The research project proposed by the candidate shall be discussed during the oral examination. 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 objectives and the research challenges and the methodology adopted. Up to 5 relevant references for the research community should be provided.</p> <p>Research proposals developing the following areas are considered of particular interest: 6G network slicing, combinatorial algorithms for computational pangenomics, computational biology for cancer and viral evolution, construction and management of knowledge graphs, emotion artificial intelligence for risk management, explainable decision support in uncertain settings, processing and analysis of neurophysiological data, reinforcement learning for the simulation of complex systems, representation learning problems for text and graphs.</p> <p>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. 3.</p> | | |
| Examination dates | Oral examination: 19, 23 July 2021, from 9.00 am to 7.00 pm | | |
| Contact for academic information | https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/computer-science | | |
| Further information | <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 16 July 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> | | |

Molecular and Translational Medicine – DIMET
Joint PhD course with the University of Surrey - UK
(Code 76R)

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| Department | Medicine and Surgery | | |
| Coordinator | Prof. Andrea Biondi | | |
| 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 | | |
| Places available | University scholarships | n. 8 | n. 1 scholarship is reserved to the joint program with the University of Surrey (UK). If this scholarship should not be assigned it will be reassigned to standard positions. |
| | Scholarships funded by external bodies | n. 6 | n. 2 scholarships funded by Fondazione M. Tettamanti M. De Marchi Onlus linked to the following research projects: 1) <i>"Acute myeloid leukemia immunotherapy: targeting the tumour microenvironment"</i> 2) <i>"Modelling germline variants predisposing to childhood acute lymphoblastic leukemia"</i> n. 1 scholarship funded by Fondazione Telethon, linked to the following research project: <i>"Tolerogenic approaches to prevent unwanted immune responses in protein replacement therapies for Lysosomal Storage Disorders"</i> n. 3 scholarships funded by Fondazione Istituto Nazionale di Genetica Molecolare, linked to the following research projects: 1) <i>"Isolation and engineering of broadly reactive T cell clones specific for pathogens and tumors"</i> 2) <i>"Analysis of human B cell repertoires to address mechanisms of clonal selection, autoimmunity and serological memory"</i> 3) <i>"Engineering antigens and antibodies for passive serotherapy and vaccine design"</i> |
| | Position of Industrial/Executive PhD | n. 2 | n. 1 position reserved to employees of IRCCS Centro Cardiologico Monzino S.p.A. n. 1 position reserved to employees of ASST Papa Giovanni XXIII – Bergamo. |
| | Places without scholarship | n. 2 | |
| | Total number of places available | n. 18 | |
| Selection procedures | Assessment of qualifications and publications + 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 | | |

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| | <p>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.</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>The candidates interested to the joint curriculum with Surrey, will have to submit all the documentation in English</p> |
| Information about examinations | <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> <p>The oral examination will be taken in Italian and English.</p> <p>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.</p> <p>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).</p> <p>The research project will have to be in English, max 1 page, excluding references, drawn up according to the following structure:</p> <ol style="list-style-type: none"> 1. Background, 2) goals, 3) research method, 4) expected results, 5) bibliography. <p>The oral examination can also consist of questions regarding the research areas of the PhD programme or the research project funded.</p> <p>The examinations for the joint position with Surrey will have to be taken only in English.</p> |
| Examination dates | <p>Oral examination: 13, 14, 17 and 24 September 2021 at 9.30 am</p> <p>Oral examination for the joint position with Surrey: 14 September 2021 at 2.00 pm</p> |
| Contact for academic information | <p>www.dimet.org</p> <p>https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/translational-and-molecular-medicine-%E2%80%93-dimet</p> |
| Further information | <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 7 September 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> <p>During the procedure candidates have to apply for the joint position with Surrey or for the other places. It is not allowed to apply for both of them. The final thesis must be written in English.</p> <p>To enrol in the joint position with the University of Surrey (UK) a certificate of English is required: - IELTS certificate score 6.5 is required (min. 6 in each areas) or Cambridge certificate level C1 (score 176 overall - min. 169 in each areas).</p> <p>The certificate should be obtained before the enrolment in University of Surrey and no longer than 2 years before the date of the enrolment. The eligible candidate will have to enrol in Unimib and, only after and by January 1st, 2022, in University of Surrey.</p> <p>At the enrolment the candidate must also submit two letters of recommendation, neither reference letters will have to be signed by the English supervisor.</p> <p>The choice of this position involves a research period at the University of Surrey of 12 months during which the student is required to pay the registration fees provided by the University, equal to £ 2.000 for UK / EU students per year.</p> |

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| | <p>For extraUE students: please see the amount of the fees on the website of the University of Surrey. The University of Surrey will provide a £ 5.000 bench fee for students when based at Surrey. Scholarships and research budget in Unimib as per art. 13 of the Call and Rules of the PhD School.</p> <p>If the scholarship related to the joint position with Surrey should not be assigned, due to absence of eligible candidates or renunciation of assignees, it will be reassigned to eligible candidates of standard positions, according to the general ranking, on the basis of the score obtained in the admission competition.</p> |
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| Neuroscience (Code 90R) | | | |
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| Department | Medicine and Surgery | | |
| Coordinator | Prof. Rosa Moresco | | |
| Length of program | 3 years | | |
| Curricula | 1. Experimental Neurosciences 2. Clinical Neurosciences 3. Neuroscience International Track (a joint curriculum with the University of Surrey – UK). At the end of the programme a double degree will be conferred. | | |
| 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> | | |
| Places available | University scholarships | n. 6 | n. 3 scholarships for Experimental Neuroscience curriculum n. 2 scholarships for Clinical Neurosciences curriculum n.1 scholarship for Neuroscience International track |
| | Positions of Industrial/Executive PhD | n. 2 | n. 1 position reserved to employees of Casa di Cura Privata del Policlinico S.p.a., (Clinical Neurosciences curriculum). n. 1 position reserved to employees of Ospedale San Gerardo ASST Monza (Clinical Neurosciences curriculum). |
| | Total number of places available | n. 8 | |
| Selection procedures | Assessment of qualifications and publications + 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. | | |

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| | <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>The candidates interested to the joint curriculum with Surrey n. 3, will have to submit all the documentation in English.</p> |
| Information about examinations | <p>To access the oral examination no minimum score in the assessment of qualifications is requested.</p> <p>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.</p> <p>Knowledge of English will be tested by oral examination and submission of any certification.</p> <p>The research project proposed by the candidate shall be discussed during the oral examination. 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).</p> <p>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.</p> <p>The examination for the joint curriculum with Surrey n. 3 will have to be taken only in English.</p> |
| Examination dates | <p>Curriculum n. 1 – 6 September 2021 at 10.00 am Curriculum n. 2 – 17 September 2021 at 10.00 am Curriculum n. 3 – 14 September 2021 at 2.30 pm</p> <p>For all curricula, if necessary, the oral examinations will go on next days.</p> |
| Contact for academic information | <p>https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/neuroscience e-mail: dottorato.neuroscienze@unimib.it</p> |
| Further information | <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 30 July 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> <p>Different tests and rankings are planned for the various curricula. Each candidate may participate in the selection for one curriculum only.</p> <p>To enrol in the joint curriculum 3 with the University of Surrey (UK) a certificate of English is required: - IELTS certificate score 6.5 is required (min. 6 in each areas) or Cambridge certificate level C1 (score 176 overall - min. 169 in each areas). The certificate should be obtained before the enrolment in University of Surrey and no longer than 2 years before the date of the enrolment. The eligible candidate will have to enrol in Unimib and, only after and by January 1st, 2022 in University of Surrey. At the enrolment the candidate must also submit two letters of recommendation, neither reference letters will have to be signed by the English supervisor. The choice of this curriculum involves a research period at the University of Surrey of 12 months during which the student is required to pay the registration fees provided by the University, equal to £ 2.000 for UK / EU students per year. For extraUE students: please see the amount of the fees on the website of the University of Surrey. The University of Surrey will provide a £ 5.000 bench fee for students when based at Surrey. Scholarships and research budget in Unimib as per art. 13 of the Call and Rules of the PhD School.</p> <p>If not all university scholarships available for a curriculum (n. 1 or 2) not linked to a research project are assigned, they will be assigned to the candidates judged suitable for the other curriculum.</p> |

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| | If not the university scholarship for curriculum n.3 is assigned, it will be assigned to the candidates suitable for the curriculum 1 and 2. |
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| Psychology, Linguistics and Cognitive Neurosciences (Code 77R) | | |
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| Department | Psychology | |
| Coordinator | Prof. Marco Perugini | |
| Length of program | 3 years | |
| Curricula | 1. Mind, brain and behaviour 2. Social, cognitive and clinical psychology 3. Experimental and Applied psychology (a joint curriculum with the University of Surrey – UK). At the end of the program a double degree will be conferred. | |
| Research topics | Look at the website of the PhD School (https://en.unimib.it/education/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 | |
| Places available | University scholarships | n. 10 n. 5 scholarships for Mind, brain and behaviour curriculum n. 4 scholarships for Social, cognitive and clinical psychology curriculum n. 1 scholarship for Experimental and Applied Psychology curriculum (a joint curriculum with the University of Surrey – UK) |
| | Scholarships funded by the Department | n. 6 n. 2 scholarships funded by the grant “Departments of Excellence” for Mind, brain and behaviour curriculum n. 2 scholarships funded by the grant “Departments of Excellence” for Social, cognitive and clinical psychology curriculum All scholarships and linked to the research project: “ <i>Virtual / augmented reality and new technologies applied to the themes of the 2 curricula</i> ” n. 2 scholarships for Mind, brain and behaviour curriculum funded by the project ERC Synergy, linked to the following research project: “ <i>ERC Synergy Leibnizdream</i> ”. |
| | Positions of Industrial/Executive PhD | n. 2 n. 1 position reserved to employees of Fondazione AS.FRA, Social, cognitive and clinical psychology curriculum n. 1 position reserved to employees of Fondazione Renato Piatti Onlus, Mind, brain and behaviour curriculum |
| | Places without scholarships | n. 2 n. 1 for Mind, brain and behaviour curriculum n. 1 for Social, cognitive and clinical psychology curriculum |
| | Total number of places available | n. 20 |
| Selection procedures | Assessment of qualifications and publications + 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 | |

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| | <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>The candidates interested to the joint curriculum with Surrey n. 3, will have to submit all the documentation in English.</p> |
| Information about examinations | <p>To access the oral examination a minimum score of 5 in the assessment of the qualifications is requested, otherwise candidates will not be admitted to the oral examination.</p> <p>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>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> <p>Knowledge of English will be tested during oral examination. The examinations for curriculum n. 3 will have to be taken only in English.</p> |
| Examination dates Curriculum 1 Mind, brain and behaviour | <p>Oral examination: 1, 2, 3 September 2021, from 9.30 am to 6.00 pm</p> <p>The oral examination will go on next days, if necessary.</p> |
| Examination dates Curriculum 2 Social, cognitive and clinical psychology | <p>Oral examination: 2, 3, 9 September 2021, from 9.30 am to 6.00 pm</p> <p>The oral examination will go on next days, if necessary.</p> |
| Examination dates Curriculum 3 Experimental and Applied Psychology | <p>Oral examination: 28 July 2021, from 10.30 am to 6.00 pm</p> <p>The oral examination will go on next days, if necessary.</p> |
| Contact for academic information | <p>https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/psychology-linguistics-and-cognitive-neuroscience</p> |
| Further information | <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 28 July 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> <p>The results of the qualifications assessment, curriculum 3, together with a breakdown of candidates in the examination days that has notification value for all legal purpose, will be published on 26 July 2020 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> <p>Different tests and rankings are planned for the various curricula. Each candidate may participate in the selection for one curriculum only. If not all scholarships available for a curriculum – not linked to a specific research project - are assigned, they will be assigned according to a general ranking, made up of all those who are already enrolled, without scholarship, in other curricula, on the basis of the score obtained in the admission competition.</p> |

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| | <p>To enrol in the joint curriculum 3 with the University of Surrey (UK) a certificate of English is required:</p> <ul style="list-style-type: none"> - IELTS certificate score 6.5 is required (min. 6 in each areas) or Cambridge certificate level C1 (score 176 overall - min. 169 in each areas). <p>The certificate should be obtained before the enrolment in University of Surrey and no longer than 2 years before the date of the enrolment.</p> <p>The eligible candidate will have to enrol in Unimib and, only after and by January 1st, 2022 in University of Surrey.</p> <p>At the enrolment the candidate must also submit two letters of recommendation, neither reference letters will have to be signed by the English supervisor.</p> <p>The choice of this curriculum involves a research period at the University of Surrey of 12 months during which the student is required to pay the registration fees provided by the University, equal to £ 2.000 for UK / EU students per year.</p> <p>For extraUE students: please see the amount of the fees on the website of the University of Surrey.</p> <p>The University of Surrey will provide a £ 5.000 bench fee for students when based at Surrey.</p> <p>Scholarships and research budget in Unimib as per art. 13 of the Call and Rules of the PhD School.</p> |
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| Public Health (Code 78R) | | | |
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| Department | Medicine and Surgery | | |
| Coordinator | Prof. Guido Grassi | | |
| Length of program | 3 years | | |
| Curricula | <ol style="list-style-type: none"> 1. Biostatistics and Epidemiology 2. Clinical pathophysiology and disease prevention 3. Health Services Research and Technology Assessment | | |
| Research topics | Public Health, Epidemiology and Biostatistics, Pathophysiology and Disease Prevention, Health Technology. | | |
| Places available | University scholarships | n. 4 | |
| | Positions of Industrial/Executive PhD | n. 6 | n. 2 reserved to employees of Istituto Auxologico Italiano (Clinical pathophysiology and disease prevention curriculum) n. 1 reserved to employees of CROS NT s.r.l. (Biostatistics and Epidemiology curriculum) n. 1 reserved to employees of Scuola Universitaria Professionale della Svizzera Italiana (SUPSI) (Health Services Research and Technology Assessment curriculum) n. 1 reserved to employees of Agenzia di Tutela della Salute di Bergamo (Health Services Research and Technology Assessment curriculum) n. 1 reserved to employees of Astrazeneca |
| | Total number of places available | n. 10 | |
| 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 | | |

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| | <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 |
| Information about examinations | <p>To access the oral examination no minimum score in the assessment of qualifications is requested.</p> <p>The oral examination will focus on the motivational reasons of the candidates and on testing their knowledge and interests in the field of pathophysiology and disease prevention, public health, epidemiology, health service management and medical statistics as well as in the field of methodologies concerning epidemiological studies and health technology assessment.</p> <p>The candidate's knowledge of English shall be tested too.</p> |
| Examination dates | Oral examination: 20 September 2021 at 9.30 am and following days, if necessary. |
| Contact for academic information | https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/public-health |
| Further information | 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 September 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca |

| Materials Science and Nanotechnology (Code 79R) | | | |
|--|---|------|---|
| Department | Materials science | | |
| Coordinator | Prof. Marco Bernasconi | | |
| Length of program | 3 years | | |
| Curricula | 1. Materials Science 2. Materials Technology | | |
| Research topics | Information about the main research topics are available on the website https://www.mater.unimib.it/it/ricerca/linee-ricerca | | |
| Positions available | University scholarships | n. 6 | |
| | Scholarships funded by the Department | n. 3 | n. 2 scholarship funded by the project HORIZON 2020 FET OPEN "Smart Electron" linked to the following research projects: 1) " <i>Light-driven coherent shaping of electrons in a Transmission Electron Microscope for enhanced nanomaterial investigation</i> " 2) " <i>Real-time dynamic electron microscopy studies of electrochemical reactions in-operando conditions</i> " |

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| | | | n. 1 scholarship funded by Joint Lab Intercos-UNIMIB linked to the project: <i>"Innovative and sustainable materials for cosmetic formulations"</i> |
| | Scholarships funded by external bodies | n. 8 | <p>n. 2 scholarship funded by Fondazione Istituto Italiano di Tecnologia (IIT) linked to the following research projects: <i>"Machine learning and molecular dynamics"</i></p> <p>n. 1 scholarship funded by Istituto di Ricerche Chimiche e Biochimiche G. Ronzoni linked to the following research project: <i>"Physical-chemical characterization of natural polysaccharides and their derivatives: understanding their properties in solution and their interaction with biological molecules"</i></p> <p>n. 4 scholarships funded by CORIMAV, linked to the following research projects:</p> <ol style="list-style-type: none"> 1) <i>"New biotechnological approach to the modification of natural micro- and nano- fibers to obtain efficient reinforcing fillers for rubber compounds"</i> 2) <i>"Bio-inspired supramolecular approach to elastomeric nanocomposites"</i> 3) <i>"Design and synthesis of supramolecular structures by self-assembling of tailored organic units for advanced polymeric materials"</i> 4) <i>"New functional materials derived from biomass tailored to sustainable rubber compounds"</i> <p>n. 1 scholarship funded by Fluorsid Spa linked to the following research project: <i>"Reuse and recycle of silica from industrial waste for functional and structural applications"</i></p> |
| | Places reserved to scholarship holders from specific international mobility programs | n. 2 | n. 2 positions reserved to HORIZON 2020 MSCA ITN ETN "Surfice" project |
| | Places without scholarships | n. 1 | |
| | Total number of available places | n. 20 | |
| 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> | | |

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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 |
| Information about examinations | <p>To access the oral examination no minimum score in the assessment of qualifications is requested.</p> <p>The examination may be taken in Italian or English, at the candidate's discretion.</p> <p>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.</p> |
| Examination dates | Oral examination: 1, 2, 9, 10 September 2021 from 9.00 am |
| Contact for academic information | https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/materials-science-and-nanotechnology |
| Further information | <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 30 July 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> <p>All doctoral students are required to carry out their research at a scientific institution abroad for at least 6 months.</p> |

| Chemical, Geological and Environmental Sciences (Code 94R) | | | |
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| 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. Terrestrial and Marine Environmental Sciences | | |
| Research topics | Look at the website https://www.disat.unimib.it/it/ricerca/dottorato-scga/linee-ricerca , e https://www.disat.unimib.it/it/ricerca/dottorato-scga/progetto-dipartimenti-eccellenza-e-dottorato | | |
| Places available | University scholarships | n. 8 | <p>n. 3 scholarships for Chemical Sciences curriculum, one of which linked to the following research project: <i>"Development of hybrid quantum/classical approaches for the modeling of the effects of protein matrices on the physico-chemical properties of chromophores"</i> in collaboration with École Nationale Supérieure De Chimie De Paris – PSL, France.</p> <p>n. 2 scholarships for Geological Sciences curriculum, n. 3 scholarships for Terrestrial and Marine Environmental Sciences curriculum.</p> |
| | Scholarships funded by the Department | n. 6 | <p>n. 2 scholarships for Chemical Sciences curriculum funded by the grant "Departments of Excellence" linked to the following research projects: 1) <i>"Advanced chemical approaches to the study of geological systems"</i>, 2) <i>"Mitigation of climate change: carbon sequestration and/or storage"</i></p> <p>n. 4 scholarships for Geological Sciences curriculum funded by the grant "Departments of Excellence" linked to the following research projects:</p> |

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| | | | <p>1) <i>"The past as the key to the imminent future: reconstructing climate evolution from the geological record"</i></p> <p>2) <i>"Environmental monitoring and assessment of risk scenarios related to climate change"</i></p> <p>3) <i>"Causes and effects of climatic changes: impacts on the geosphere"</i></p> <p>4) <i>"Causes and effects of climatic changes: impacts on the atmosphere and hydrosphere"</i></p> |
| | Places reserved to scholarship holders from foreign countries | n. 1 | n. 1 position for Geological Sciences curriculum This position is reserved for foreign students holding a grant from a foreign institution (Art. 11). |
| | Scholarships funded by external bodies | n. 2 | <p>n. 1 scholarship for Chemical Sciences curriculum funded by RSE S.p.A. linked to the research project: <i>"Systems and technologies for the implementation of Proficiency Tests applied to gaseous micropollutants"</i></p> <p>n. 1 scholarship for Geological Sciences curriculum funded by Istituto Nazionale di Geofisica e Vulcanologia - INGV linked to the following research project: <i>"Very-high resolution Distributed Acoustic Sensing data for monitoring natural and induced seismicity"</i></p> |
| | Positions of Industrial/Executive PhD | n. 2 | <p>n. 1 position for Geological Sciences curriculum, reserved to employees of ALPINA S.p.A.</p> <p>n. 1 position for Geological Sciences curriculum reserved to employees of Geoinvest S.r.l.</p> |
| | High level training apprenticeship contracts | n. 1 | n. 1 contract for Terrestrial and Marine Environmental Sciences curriculum with presso M ³ R - Monitoring and Management of Microbial Resources S.r.l. linked to the following research project: <i>"New biomolecular strategies for the monitoring of biodegradation processes and for the remediation of contaminated sites"</i> . |
| | Places reserved to scholarship holders from specific international mobility programs | n. 1 | n. 1 place for Geological Sciences curriculum reserved to MSCA-ITN Project 956127 "Fluidnet" programme linked to the following research project: <i>"Transport capacity and physical properties of fluids in the lower middle crust"</i> |
| | Total number of places available | n. 21 | |
| 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 | <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> | | |

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| | <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 |
| Information about examinations | <p>To access the oral examination a minimum score of 4 in the assessment of the qualifications is requested, otherwise candidates will not be admitted to the oral examination.</p> <p>The examinations may be taken in Italian or English, at the candidate's discretion.</p> <p>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.</p> <p>For this purpose, during the application process, in addition to their qualifications, candidates must also upload their research project, in pdf format, not exceed 3000 words in length (with exclusion of bibliography) and no more than 4 pictures.</p> <p>Candidate's knowledge of English shall be tested during the oral examination.</p> |
| Examination dates | Oral examination: 16, 19, 21, 22 July 2021 at 9.00 am. |
| Contact for academic information | <p>https://en.unimib.it/education/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>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 July 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca https://www.disat.unimib.it/ricerca/dottorato-scg/a/ammissione</p> <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> <p>If not all scholarships available for a curriculum – not linked to a research project - are assigned, they will be assigned according to a general ranking, made up of all those who are eligible in other curricula, on the basis of the score obtained in the admission competition.</p> |

| Legal Sciences (Code 84R) | |
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| Department | Law |
| Coordinator | Prof. Stefania Ninatti |
| Length of program | 3 years |
| Curricula | <ol style="list-style-type: none"> 1. Public Law, Public Law in Economics and Philosophy of Law 2. Roman Law, Private Law, Labour Law, Taxation Law and Civil Procedure Law 3. Criminal Law and Criminal Procedure, Criminology, Criminal Law in Economics, History of Criminal Law and Criminal Procedure 4. Public, European and International Law (in agreement with Université Côte d'Azur - optional) 5. Law and Pluralism/Diritto e Società Plurale (in agreement with the Union University of Belgrado - optional) |
| Research topics | The main research topics of each curriculum are available at the following link: https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/legal-sciences |

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| Positions available | University scholarships | n. 10 | n. 2 for Public Law, Public Law in Economic and Philosophy of Law curriculum; n. 3 for Roman Law, Private Law, Labour Law, Taxation Law and Civil Procedure Law curriculum; n. 3 for Criminal Law and Criminal Procedure, Criminology, Criminal Law in Economic, History of Criminal Law and Criminal Procedure curriculum; n. 2 for Public, European and International Law curriculum. |
| | Scholarships funded by the Department | n. 3 | n. 2 scholarships funded by the grant "Departments of Excellence" for Law and Pluralism curriculum; n. 1 scholarship funded by the grant "Departments of Excellence" for Public Law, Public Law in Economics and Philosophy of Law curriculum linked to the research project Law and Pluralism. |
| | Scholarships funded by the Department reserved to foreign university graduates | n. 2 | n. 1 scholarship funded by the grant "Departments of Excellence" for Law and Pluralism curriculum; n. 1 scholarship funded by the grant "Departments of Excellence" for Public, European and International Law curriculum linked to to the research project Law and Pluralism. |
| | High level training apprenticeship contracts | n. 1 | n. 1 contract for Public Law, Public Law in Economics and Philosophy of Law curriculum with ReD Open s.r.l. linked to the following research project: " <i>A governance for Artificial Antelligence</i> " |
| | Industrial/Executive PhD positions | n. 2 | n. 1 position reserved to employees of Agenzia delle Entrate for Roman Law, Private Law, Labour Law, Taxation Law and Civil Procedure Law curriculum; n. 1 position reserved to employees of Fondazione Human Technopole for Public Law, Public Law in Economics and Philosophy of Law curriculum. |
| | Total number of available positions | n.18 | |
| Selection procedures | Assessment of qualifications and publications + oral examination (videoconference) The oral exam is based on the proposed research project and on the knowledge of the fundamental principles of one of the topics of the selected curriculum. | | |
| 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 (obtained under the laws in force prior to Ministerial Decree no. 509/1999) or single-cycle second level degree: max 10 points |
| Additional documents, to upload during application, ONLY for Curriculum "Public European and International Law" and "Law and Pluralism" | <p>Candidates interested to curriculum Public European and International Law must attach to the application the following documents:</p> <ul style="list-style-type: none"> - At least two reference letters (as per art. 3 of the Call); - Motivation letter; - Diploma Supplement (if applicable); - English-language certificate; <p>Candidates interested to curriculum "Law and Pluralism" must attach to the application the following documents:</p> <ul style="list-style-type: none"> - At least two reference letters (as per art. 3 of the Call); - Motivation letter; - Diploma Supplement (if applicable) <p>According to the agreement with the Union University of Belgrado, candidates interested in obtaining the double degree must also attach to the application:</p> <ul style="list-style-type: none"> - English-language certificate |
| Information about examinations | <p>To access the oral examination a minimum score of 5 in the assessment of the qualifications is requested, otherwise candidates will not be admitted to the oral examination.</p> <p>Knowledge of a foreign language (English, French, German or Spanish) chosen by the candidate will be assessed during the oral examination.</p> <p>The examination for the Law and Pluralism curriculum (double degree with the Union University of Belgrado) will be entirely held in English.</p> <p>The examination for the Public, European and International Law curriculum will be entirely held in English or French, at the candidate's choice.</p> <p>For all curricula, the research project proposed by the candidate will be discussed during the oral examination. For this purpose, during the application process, in addition to their qualifications, candidates must also upload their research project (max. 10,000 characters, Bibliography excluded).</p> <p>Candidates to the position reserved funded by the grant "Departments of Excellence" must upload a research project on the topic Law and Pluralism</p> |
| Examination dates Curriculum 1 Public Law, Public Law in Economic and Philosophy of Law | <p>Oral examination: 20 September 2021, at 9.30 am and following days, if necessary.</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 19 September 2021, on the website https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> |
| Examination dates Curriculum 2 Roman Law, Private Law, Labour Law, Taxation Law and Civil Procedure Law | <p>Oral examination: 23 September 2021 at 9.30 am and following days, if necessary.</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 22 September 2021, on the website https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> |
| Examination dates Curriculum 3 Criminal Law and Criminal Procedure, Criminology, Criminal Law in Economic, History of Criminal Law and Criminal Procedure | <p>Oral examination: 24 September 2021, at 9.30 am and following days, if necessary.</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 22 September 2021, on the website https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> |
| Examination dates Curriculum 4 Public, European and International Law | <p>Oral examination: 17 September 2021 at 9.30 am and following days, if necessary.</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 16 September 2021, on the https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove</p> |

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| Examination dates Curriculum 5 Law and Pluralism | Oral examination: 20 September 2021, at 9.30 am and following days, if necessary. 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 19 September 2021, on the website https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca |
| Contact for academic information | https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/legal-sciences |
| Further information | Admission to each curriculum is subject to a specific test. Candidates may only take the examinations for one curriculum. If not all scholarships available for a curriculum – not linked to a research project - are assigned, they will be assigned according to a general ranking, made up of all those who are eligible in other curricula, on the basis of the score obtained in the admission competition. |

| Converging Technologies for Biomolecular Systems (TeCSBi) (Code 99R) | | | |
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| 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. 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 | | |
| Positions available | University scholarships | n. 5 | |
| | Scholarships funded by the Department | n. 1 | n. 1 scholarships funded by the project SMART -electron (H2020-FETOPEN-2018-2019-2020-01) linked to the following research projects: <i>Synthesis and spatio-temporal imaging of nanoparticles in cultured cells by Ultrafast Electron Microscopy for tumor theranostics</i> |
| | Position of Industrial/Executive PhD | n. 3 | n. 2 reserved to employees of Società Fondazione IRCCS Casa Sollievo della Sofferenza; n.1 reserved to employees of Liberty Chemical s.r.l. |
| | High level training apprenticeship contracts | n. 4 | n. 4 contracts with the Istituto di Ricerche Farmacologiche Mario Negri IRCCS linked to the following research project: 1) <i>"Identification of new therapeutic strategies for mucinous ovarian carcinoma"</i> 2) <i>"Induction of adipocytic differentiation in liposarcomas: a new approach to improve the effectiveness of the available therapies against these rare neoplastic forms"</i> . 3) <i>"Mass spectrometry-based multi-omics approaches for deciphering the metabolic states of macrophages in relation to their immunological</i> |

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| | | | <i>functions in liver metastasis: identification of potential immunometabolic markers for prognosis refinement". 4)"Role of immune cells in injury evolution after traumatic brain injury and subarachnoid hemorrhage. Clinical and experimental studies".</i> |
| | Places without scholarships | n. 2 | |
| | Total number of places available | n. 15 | |
| Selection procedures | Assessment of qualifications and publications + oral examination (videoconference) | | |
| Assessment of qualifications | <p>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.</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 | | |
| Information about examinations | <p>To access the oral examination a minimum score of 3 in the assessment of the qualifications is requested, otherwise candidates will not be admitted to the oral examination.</p> <p>The oral examination consists of an interview to test the candidate's knowledge of English.</p> | | |
| Examination dates | <p>Oral examination: 9, 10, 13, 14 September 2021 at 9:00 am</p> <p>https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> | | |
| Contact for academic information | <p>https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/converging-technologies-biomolecular-systems-tecsbi https://elearning.unimib.it/mod/folder/view.php?id=716039 (to see the research projects)</p> | | |
| Further information | <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 6 September 2021 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> | | |

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| URBEUR-Urban Studies (Code 96R) | |
| Department | Sociology and Social Research |
| Coordinator | Prof. Lavinia Bifulco |

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| Length of program | 3 years | | |
| Research topics | https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/urbeur-%E2%80%93-urban-studies | | |
| Places available | University scholarships | n. 6 | |
| | Positions of Industrial/Executive PhD | n. 1 | n.1 position reserved to employees of LEDHA Lega per i diritti delle persone con disabilità. |
| | Positions without scholarships | n. 1 | |
| | Total number of places available | n. 8 | |
| Selection procedures | Assessment of qualifications and publications + oral examination (videoconference) | | |
| Assessment of qualifications | <p>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> <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 | | |
| Information about examinations | <p>To access the oral examination no minimum score in the assessment of qualifications is requested.</p> <p>The examinations shall be held in English.</p> <p>The research project proposed by the candidate shall be discussed during the oral examination. 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> | | |
| Examination dates | <p>Oral examination: 20 September 2021 at 9:00 am.</p> <p>If necessary, the oral examinations will go on 23, 24, 30 September 2021.</p> | | |
| Contact for academic information | https://en.unimib.it/education/doctoral-research-phd-programmes/phd-programmes/urbeur-%E2%80%93-urban-studies | | |
| Further Information | <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 September 2021 on the University website at the following link:</p> <p>https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> | | |