

DOCTORAL SCHOOL

Approved by the Area Manager

THE RECTOR

HAVING REGARD TO Ministerial Decree no. 270 of 22 October 2004 on amendments to the regulations concerning the academic independence of universities, approved with Ministerial Decree 509/1999;

HAVING REGARD TO the Charter of the University of Milano - Bicocca, issued by Rector's decree no. 0010332/15 of 3 March 2015 and published in the Official Gazette of the Italian Republic - General Series no. 67 of 21 March 2015;

HAVING REGARD TO Law no. 240 of 30 December 2010, "Regulations on the organization of universities, academic staff and recruitment, and authorization to the government to promote the quality and efficiency of the university system";

HAVING REGARD TO Ministerial Decree no. 45 of 8 February 2013 "Regulation laying down rules for accreditation of doctoral venues and courses and criteria for the establishment of doctoral programs by accredited bodies";

HAVING REGARD TO the Regulations of PhD courses of the University of Milano - Bicocca, issued by the Rector's decree no. 18795 of 4 July 2013, as amended and supplemented;

HAVING REGARD TO Ministerial Decrees no. 00006727 of 7 September 2015, no. 0000763 of 16 October 2017 and no. 0000805 of 28 November 2018, by which the Ministry of Education, University and Research (MIUR), upon advice of the National Agency for the Evaluation of the University System and Research (ANVUR), has granted accreditation of the PhD courses held at the University of Milano-Bicocca;

HAVING REGARD TO ministerial note no. 3315 of 1 February 2019 "New guidelines on accreditation for PhD Courses"

HAVING REGARD TO ministerial note no. 6623 of 27 February 2019 regarding operational guidelines on accreditation procedures for doctoral programs for the XXXV Cycle;

HAVING REGARD TO the resolutions of the Academic Senate at its meeting on 25 February 2019 and of the Board of Directors of the University of Milano - Bicocca at its meeting on 26 February 2019, concerning the establishment of PhD courses - XXXV cycle - with administrative offices at the University of Milano - Bicocca and the funding of the related scholarships;

HAVING REGARD TO the resolution of the Board of Directors of the University of Milano - Bicocca in the session of 30 April 2019, relating to taxes and grants for PhD courses for the 2019-2020 Academic Year;

HAVING REGARD TO the Decree no. 5859 of 19 April 2019 of the Research, Innovation, University, Export and Internationalization Directorate of Regione Lombardia concerning the approval of the projects presented by the Public Universities in Lombardia under the agreement Regione Lombardia – ENEA;

HAVING REGARD TO the Rector's Decree no. 34939/19 of 3 May 2019 concerning the documentation to be requested about foreign degrees;

HAVING REGARD TO the Rector's Decree no. 35336/19 of 6 May 2019 by which the University of Milano-Bicocca undertakes to cover all the expenses necessary to activate the scholarships of Regione Lombardia not covered by the regional contribution;

HAVING ASSESSED the expediency of starting the selection procedures subject to accreditation and verification by the Ministry of Education, University and Research (MIUR) that the accreditation requirements are maintained.

HEREBY DECREES

Article 1

(Purpose of the call for applications and general rules)

This call for applications governs the procedures for admission to PhD courses -XXXV cycle-, as per annexed prospectus which forms an integral part of this call, with administrative offices at the University of Milano-Bicocca, and with beginning of academic activities scheduled on **1 November 2019**.

Pursuant to Ministerial Decree 45/2013, the PhD courses may be activated subject to accreditation or verification by the Ministry of Education, University and Research (MIUR) that the accreditation requirements are maintained. Therefore, successful candidates may only enrol following the favourable outcome of such verification.

Amendments and supplements to this call for applications will be posted on the website of the University <https://www.unimib.it/unimib-international/phd/how-apply>

Candidates are advised not to wait until the last days prior to expiration of the call for submitting their application for admission; the University assumes no responsibility for any malfunctions due to overloading of networks or applications systems.

By submitting the application for admission according to the procedures laid down in Articles 3, the candidate accepts the rules contained in this call for applications. Any breach of these rules will result in exclusion from the competition. In particular, candidates that do not upload their research project during application, when requested (see course description sheets), will not be admitted to the examinations.

All notices to candidates concerning this call for applications will be made by e-mail. For this purpose, the e-mail address specified by the candidate when registering with the website shall be used (art. 3).

For each course, in the description sheets attached to the call as an integral part of it, information is provided on the number of years of the program, the number of places available, with specification of scholarships, of training contracts, of places reserved to employees of companies which have an agreement with the University (Industrial/PhD Executive) and any other forms of financial support, financed from research funds or other resources of the University, including research grants, , and any places without scholarship, the way in which admission tests are administered, any places reserved for special categories, the option for candidates to choose whether to take the exams in Italian or in another language.

The number of scholarships or other types of financial aid may be increased as a result of funding from public and private entities, provided that agreement thereof is received by the deadline of this call for applications. The increase in scholarships may result in an increase in the overall number of places available under this call. Such

additional posts will be notified by a subsequent decree, to be issued by 14 June 2019.

Article 2 (Eligibility for admission)

Anyone who is in possession of the following educational qualifications may apply, without any citizenship restrictions:

1. post-graduate (second cycle) degree;
2. degree obtained under the laws in force prior to Ministerial Decree no. 509/1999 (old system degree);
3. master degree issued by institutions that are part of the AFAM (advanced artistic and musical education) sector;
4. foreign degree, as long as it is equivalent in length of studies, level and subject area to the Italian degree required for admission to the course. The suitability of foreign qualifications is evaluated by the board of examiners. **In case the Degree is evaluated non eligible, the applicant will be excluded from the competition.**
5. Students who have not yet obtained their degree may apply for admission, provided they earn their degree by **31 October 2019 accepted students who fail to meet this requirement will lose their right to admission**. Candidates who have not yet earned their degree are required to communicate the date and grade of the degree earned, by e-mail to the Doctoral School Sector at the address dottorati@unimib.it, and to send a statement in lieu of certification, if they are Italian or EU citizens, not later than 4 November 2019.

Note: Candidates are considered not to have earned their degree yet when they have never obtained any academic degree mentioned at points 1-4. Those candidates who have already obtained one of these degrees and are enrolled to a second degree, are considered as graduate.

Those who are already enrolled in the same doctoral course at this University cannot apply.

Article 3 (Submission of applications for admission and degrees)

To participate in the admission test, all applicants must submit their application online, directly from the website of the University of Milano-Bicocca, by accessing the Online Registrar's Office – admission test (https://s3w.si.unimib.it/esse3/Start.do?sessionId=881F58B50C64FAC90B98DF96B0317E07.S3W3A?cod_lingua=eng) **not later than the deadline of 13 June 2019 at 12 noon** (Italian time). No paper documents will have to be delivered to the offices.

Note: Registration to the admission tests will stop automatically at 12:00 noon on 13 June 2019; therefore, candidates are recommended to start the process well in advance in order to have it completed by the deadline.

The application has to be drawn up as a self-certification, for all legal purposes, pursuant to the art. 46 and 47 of DPR 445/2000 and further amendments.

The documents attached to the application (assessable qualifications) have to be drawn up as self-certifications or statements in lieu of affidavit as required by law.

To this end, candidates may use the models of self-certification and of statement in lieu of affidavit available on the website at <https://www.unimib.it/didattica/dottorato-ricerca/carriera/modulistica-dottorandi>.

Note: Pursuant to Article 40 of Presidential Decree no. 445/2000, as amended by art. 15 of Law no. 183/2011, qualifications issued by the public administration must also be confirmed through self-certification.

The statement made by the candidate, which for all purposes substitutes the certification, must contain all the elements needed to assess the qualification to be submitted and their truthfulness. Omission of even one element shall result in the non-evaluation of the self-certified qualification. Self-certifications are only valid if signed with autograph signature.

It is not necessary to show the self-certifications of qualifications obtained or to be acquired in the University of Milano-Bicocca, the acquisition of which will be carried out officially.

Note: the information included in the curriculum vitae will not be assessed by the board of examiners.

The application procedure consists of two phases

1. **Registration with the University website**, at the end of which students are assigned a user name and a password; if you already have the access credentials for the private area (for example if you are a student or a former student of Milano-Bicocca University), you can skip this step. These credentials will be needed later for registration, if you are admitted to the PhD course.
2. **Filling out the application for admission**: by using their personal credentials, applicants must login and select "Admissions."

During the registration process, applicants are required to enter the details of their identity document and to upload the ID document and an ID photo in digital format (bitmap or jpeg) with a resolution of at least 300x400 pixels. The following documents must also be uploaded (applicants are recommended to prepare the documentation in PDF files not larger than 12MB before registering for the tests):

- Signed curriculum vitae et studiorum, preferably in Europass format: <https://europass.cedefop.europa.eu/it/documents/curriculum-vitae>;
- Publications in extenso/conference papers (accompanied by a statement of conformity to the original one). Only publications uploaded in their full version will be evaluated. Papers accepted for publication within the deadline of the Call, have to be uploaded together with the publisher's letter of acceptance.
- Self-certification of post-degree masters, training courses, advanced courses, specialization schools, any other second degrees¹;
- Certification of joint research and analysis;
- Certification of training periods and/or research period abroad
- Self-certification of the exams taken and marks (only for students who have not obtained their degree yet);
- Research project, where required (see course description sheets).

Note: The research project discussed during the interview is not binding when assigning the actual dissertation topic to the successful candidates.

Candidates with a foreign degree must also upload the following documents:

¹ The degree achieved later on the one required for admission will be evaluated as a second degree.

1. copy of the foreign qualification comparable to the Italian qualification for length, level and disciplinary area, required for admission²; (mandatory)
2. Diploma Supplement, Statement of local validity, certificate of comparability ENIC-NARIC and any other documents that are deemed useful to assess the qualification eligibility for the selected course; (not mandatory);
3. Transcript of records stating – if possible - the scale of values to which the marks refer to³; (mandatory)
4. translation of the documents (at point 1 and 3) in Italian or English, if issued in a different language

When in the documents uploaded it is not clear the length of the academic course and/or the eligibility of the foreign qualification for admission to the PhD program in the country where it was issued or the scale of values which the marks of the degree and of the exams refer to, the committee will be able to reject the admission to the competition or not to evaluate the marks.

Candidates with foreign qualifications are admitted to the competition under condition to produce, if successful, the documents of points 2, as indicated at art. 10.

Until expiration of the call, candidates will be able to change, add or remove the submitted documents, including after completion of the online application.

For courses that require submitting reference letters (see information sheets), candidates will have to provide the e-mail address and telephone of the reference teacher/expert when filling out the online application; the reference teacher/expert will receive an e-mail notification containing instructions on how to upload the reference letter, strictly by 14 June 2019. The candidate, in turn, will be notified when the letter has been uploaded; the letter, however, may only be viewed by the Selection Commission.

Candidates must have earned the submitted qualifications within the deadline of the call. Statements, qualifications, publications or requests to modify those already filed, received after expiration of the call for applications, will not be taken into consideration.

After completing this procedure, applicants must click the button PAYMENTS and pay € 10.00 as fee to cover expenses using the PagoPA payment system. The payment must be made within 14 June 2019, failing which the candidate will not be admitted to the tests.

Only payments made within such unconditional deadline shall be considered valid; accordingly, any complaint for failure to make the payment or late payment, including if due to reasons not attributable to the candidate, shall not be accepted.

A payment must be made for each application submitted.

The payment receipt should be carefully kept by the applicant. The University Administration reserves the right to request it as proof of payment.

The aforesaid fee will not be reimbursed.

² If the foreign degree has already been declared equivalent to the Italian degree required for admission to the course, it is sufficient to attach a copy of the Decree of equivalence issued by another Italian university.

³ UE citizens may self-certify the documents indicated at point 1 and 3.

Citizens from Non-EU countries, who are not resident in Italy, are exempt from the €10.00 fee for participation in the competitive examination.

Once the University of Milano-Bicocca has received the payment, candidates will be able to view and print, through the On-line Registrar's service, the registration receipt.

The receipt must be signed and delivered to the Selection Commission the first examination day.

Pursuant to Article 75 of Presidential Decree no. 445/2000, if, on the basis of appropriate checks, the Administration finds out that the information provided by the candidate in his/her statement is false, the declarant shall forfeit any benefits obtained through a decision issued on the basis of such false statement. The university administration shall not be liable in the event of loss of documents due to errors in the residence, address or e-mail notified by the applicant, failure or delay in notifying changes in such contact information, or postal, telegraphic or telematic disruptions not attributable to the Administration's fault.

Article 4

Candidates with disabilities (DIS) or with Specific Learning Difficulties (DSA)

Candidates with disabilities (DIS) or with Specific Learning Difficulties (DSA) can ask to benefit from the specific supports provided by law for the purpose of taking the admission test.

To this end, the interested parties are required to submit their request when applying for the test and to attach the documents certifying their disability or specific learning disorder in order for the University to be able to assess their request and properly organize the service.

The disability certification must:

- be issued by INPS, according to Law no. 118 of 30 March 1971 (*civil disability*)
- be issued by the public health authority responsible for the area, according to Law no. 104/92, as amended (disability statement)

The DSA diagnosis must:

- be compliant with the criteria set by the Consensus Conference (2011);
- contain the nosographic codes, the express name of the specific learning difficulty in question, contain the information necessary to understand the individual characteristics with indications of areas of strength and weakness;
- in addition, it must have been issued by units of NHS or by institutions or professionals accredited by the Regional Governments and be no more than three years old if issued before the candidate became of age (art. 3 of Law no. 170/2010 and subsequent State-Regions agreement of 24/07/2012).

Failure to upload the documentation online within the deadlines specified in this notice shall prevent the candidate from benefitting from the requested support.

By the day before the test date, candidates shall receive an e-mail from the University Service for students with disabilities and learning difficulties at the email address they have notified, with confirmation of the services that will be provided and the necessary logistical and organizational information.

If the service involves an operator accompanying/coaching the candidate, the notice shall also specify the place in which the candidate shall meet with the designated staff.

In the event they intend to cancel the "accompaniment/coaching" service/s, the candidates are required to send written notice to servizi.disabili.dsa@unimib.it.

Article 5 (Project scholarships)

The description sheets for each PhD program specify the scholarships or positions for the project, tied to the performance of specific research projects. The recipients of these positions are required to perform the specified research. More details on research projects can be found on the University website (<https://www.unimib.it/unimib-international/phd/phd-programmes>) in the page dedicated to each course ("News and events" section).

Candidates are reminded to read the Decree (referred to in article 1) published on 14 June 2019, which will contain additional project grants.

Similarly, in the description sheets of each PhD program you can find the positions available covered by an apprenticeship contract for advanced education and research. These positions, tied as well to specific research projects, are reserved to successful candidates, eligible for that specific project, aged not over 29 years at the date of recruitment by the company.

In order to express their interest for project grants or for the positions with high level training apprenticeship, candidates must fill out a questionnaire which will be available from **14 June 2019** to the mandatory deadline of **20 June, 2019 at 12 noon (Italian time)**.

To fill out the questionnaire you have to login to the Online Registrar Office/Admissions again and then select the name of the competitive examination for which you have previously registered.

Any expressions of interest may also be declared during the admission tests.

Only candidates who have expressly requested the positions for the project and for the high level training apprenticeship contracts via the questionnaire or direct statement to the Board, will be eligible for them.

For candidates who have expressed their interest in the positions for the project and for the high level training apprenticeship contracts, the Board shall also verify their suitability for the specific subject during the examination.

Article 6 Industrial/Executive PhD

For some programs, positions of industrial/executive PhD are available and reserved to employees of companies which have an agreement with the University and involved in high level qualification.

The candidates who meet the requirements to be admitted to these positions will have to select "Executive position" and to upload a certificate stating their job situation. The positions will be assigned according to the merit ranking.

The agreements signed between the University and the Company set how to carry on the research activities and how to allocate the working time of the PhD student-worker.

More details on research projects can be found on the University website (<https://www.unimib.it/unimib-international/phd/phd-programmes>) in the page dedicated to each course ("News and events" section).

Article 7 (Admission tests)

Admission shall take place according to the procedures described for each course in the annex to this Decree.

The selection procedure aims to ascertain the applicant's aptitude for scientific research and consists in an

assessment of the qualifications and publications of candidates, combined with a written and/or oral examination, as established by each Academic Board.

Oral examinations, in remote interview as well (see art. 8), are public.

The Board has 80 points in total to assign. The assessment of qualifications and publications may be assigned up to 20 points. Qualifications are assessed by the Board before the oral examination and, if this is preceded by a written examination, after sitting the written test but before its assessment.

The examinations are assigned a total of 60 points. In order to qualify candidate must achieve an overall score of at least 40 in the written and oral examinations. If the selection is based on two examinations, each of them is assigned up to 30 points; each test is passed by achieving a score of at least 20.

The final score is the sum of the points obtained in the assessment of qualifications, publications and examinations.

Publication of the examination dates as per attached table is to be considered as valid notification of those dates to all intents and purposes.

To take the examination, candidates must show a valid identity document, preferably the same that was specified in the admission procedure.

No reimbursement will be granted in case of travel and lodging expenses for the admission tests.

Art.8 (Remote Interview)

For some doctoral programs candidates are offered the option to participate in the interview by videoconference or through other technical devices enabling the participants to see each other "remotely".

To take advantage of the remote interview, the candidate will have to ask for it during the application procedure as per art. 3.

In any case, when the examination text is both written and oral, candidates will have to personally attend the written text.

The remote interview shall take place through a platform provided by the University; to this end, the candidate must indicate an e-mail account that the Board shall use for the video call.

Access to the interview is subject to passing a connection test that will be made a few days before the day fixed for the interview.

The candidate must be available at the personal address that he/she has previously notified, on the day set for the oral examination, according to the timetable set out in the PhD description sheet. The Board may set a specific time for starting the interview in agreement with the candidate.

For identification purposes, the candidate must identify himself/herself before the interview by showing his/her identification document; failure to do so shall result in exclusion from the competition.

A candidate may be excluded from the competition if he/she has failed to specify his/her personal address (account), the connection is not available, the connection test has failed, he/she cannot be found on the day or time set or if he/she does not show a valid identity document. The above grounds for exclusion do not apply in the event the candidate physically shows up to take the oral examination on the day set for the interview, provided he/she has a valid ID document.

The University of Milano-Bicocca assumes no liability for any technical reasons that may prevent the smooth running of the interview.

Article 9

(Boards of Examiners)

The Boards supervising the tests for admission to the PhD programs shall be formed and appointed in accordance with the laws and regulations in force.

Article 10

(Rankings and enrolment procedures)

Candidates shall be ranked in descending order according to the overall score obtained by each of them; merit rankings shall be published on the Official Register of the University and the website <https://www.unimib.it/unimib-international/phd/how-apply>. Only the rankings published on that website page shall be valid for admission to each PhD program.

The above methods of publication of the rankings and enrolment terms are considered as official notification in all respects; accordingly, **participants in the tests shall not receive any personal communication**, except for filling a vacancy.

Candidates shall be admitted to the program according to the ranking order and up to the number of places available.

The general ranking for admission to the Program shall also specify the candidates' eligibility for the project positions or for the high level training apprenticeship contracts for which they applied.

Scholarships of the University, or at least not tied to research projects, are assigned to candidates according to their ranking while project scholarships and the high level training apprenticeship contracts are granted on the basis of their suitability for the specific subject assessed by the Board.

If a candidate is eligible for both a generic and a project scholarship or for a high level training apprenticeship contract, the Board of Examiners shall decide which position to assign taking into account the overall assessment of the qualifications and the examinations.

In the event of equal merit, both for places with and without scholarships, the younger candidate shall prevail.

If a specific ranking has been drawn up by the Board for each curriculum, candidates shall be admitted to each curriculum up to the number of places available for that curriculum. If the number of candidates admitted to a curriculum is lower than the number of scholarships available, the remaining scholarships shall be awarded to candidates competing for other curricula, according to their respective rankings.

If the reserved places are not assigned to foreign university graduates, they can be made available for the admission procedures of non-reserved places.

Failure to complete the registration procedures, to be carried out according to the instructions posted on the University website at page <https://www.unimib.it/unimib-international/phd/how-apply>, within the deadline specified in the margin of the ranking, shall result in forfeiture of the right to access the program. In this case, the vacancies shall be awarded to other candidates according to their place in the merit ranking, who shall be convened by e-mail by the Doctoral School Department. If there are vacant places with scholarship, candidates who had not accepted places without scholarship shall also be contacted, according to their ranking.

The reallocation of vacancies shall also take place when an admitted candidate does not accept the place or loses his/her right to admission to the program within 1st December 2019. In the event of non-acceptance or

forfeiture within such deadline, the PhD student shall not be entitled to receive the amount of scholarship accrued.

If a candidate's ranking enables access to more than one program, the candidate has to select one PhD program only.

Candidates with foreign education qualifications admitted to the course, will have to submit within 60 days from enrolment, failing which their career will be locked, the Statement of Local Validity of the qualification, issued by the Italian Diplomatic Representation in the country of the reference educational system under which the qualification was issued, if not delivered during the application procedure. As an alternative to the above Statement of Local Validity, a Diploma Supplement in English may be submitted, issued by the same institution that issued the qualification, prepared in accordance with the model developed by the European Commission, the Council of Europe and UNESCO/CEPES or the Statement of comparability issued by a ENIC-NARIC centre.

Those who intend to ask for the benefits of the right to study, will have to produce the documents requested by the respective Call and, in particular, the statement of local validity.

A copy of the entry visa for study/university reasons or a copy of the residence permit is required too.

Foreign candidates who have been awarded scholarships financed by Italian or foreign institutions and who have been found eligible, shall be admitted to each course according to their ranking and up to the number of reserved places. Candidates must be in possession of such scholarship by 31 October 2019. They are required to supply proof of possession of the scholarship within the aforementioned date, via email at dottorati@unimib.it.

For information on foreign degrees and on registration procedures for foreign students please see the website at page <https://www.unimib.it/unimib-international/phd/how-apply> or contact welcomedesk@unimib.it.

Registration for the PhD program involves a full time and exclusive commitment. The Academic Board shall assess whether a candidate's occupation is compatible, provided it involves a limited time commitment.

The PhD student must participate in the activities planned in his/her curriculum, as indicated by the Academic Board, and must carry out the research assignments.

Enrolment in PhD courses is incompatible with the simultaneous enrolment in graduate courses, specialization courses, advanced and master courses, individual courses, active training courses, or other doctoral courses in Italy or abroad, except for specific international agreements and current legislative provisions for coordination with Medicine and Surgery specialization schools. Those enrolled in active training courses, in second cycle (master's) degree courses, who are eligible and intend to enrol in a PhD course, are required to request a temporary suspension of their studies.

Article 11 (Scholarships)

The amount of the PhD scholarship is € 16,238.47 per year gross of social security contributions paid by the scholarship recipient. The scholarship is exempt from local income tax and personal income tax (IRPEF).

Project scholarships may only be assigned to candidates who have opted for them in accordance with art. 5 of this call for applications and who have been deemed eligible by the Board.

The amount of the scholarship is increased by 50% for periods spent abroad, up to a maximum 18 months. The scholarship is granted for one year and is renewed for each year of the program, provided that the student

passes the test for admission to the next year.

The scholarship is paid in monthly instalments in arrears.

To take advantage of the scholarship, the winner must comply with the following requirements:

- 1) pursuant to art. 15, Section 16 of the Regulation of PhD Courses the scholarship is compatible with other incomes, provided that they do not exceed the maximum amount annually set by the Board of Directors. For calendar year 2020, the limit on annual gross personal income was set at €15,000.00.
- 2) Scholarships cannot be combined with other scholarships, regardless of the reasons for which they are granted, except those awarded by national or foreign institutions which can be used to supplement the training or research activity of the scholarship recipients, through periods of stay abroad.
- 3) Candidates have not been granted any other scholarship for a PhD course.

Employees of the public administration who are admitted to PhD courses, are granted a leave of absence during the ordinary length of the program, as established by collective bargaining or, for employees under public law, a special leave for study purposes, consistent with public administration requirements, pursuant to Article 2 of Law no. 476 of 13 August 1984, as amended, with or without research grant, unless they expressly waive their right, only if they are enrolled in a PhD course for the first time, regardless of the subject of the PhD program.

Article 12 (Tuition and Fees)

The total of the contributions required for PhD Courses shall be decided by the Governing Body.

For the academic year 2019/2020, at the enrollment, all Doctoral students are required to pay € 156,00, as specified below:

- Stamp duty	€ 16.00
- Regional tax for the right to study	€140.00

Doctoral students, **recipients of PhD scholarship**, have to pay the second instalment, consisting entirely of the single contribution and defined on the basis of the ISEE (Equivalent economic status indicator), from a minimum of € 200,00 up to a maximum of € 1.200,00, **by May 15th 2020**.

In order to correctly calculate the second instalment, doctoral students must obtain the ISEE certification for subsidies for the right to University study, by submitting the single statement in lieu of certification to CAAF (tax assistance) centres, other authorized entities or the INPS website. The University will automatically receive the relevant data. The deadline for submitting the single statement in lieu of certification will be published on the following page <https://www.unimib.it/unimib-international/phd/during-your-phd-0>

Pursuant to Art. 8 paragraph 2 of the Decree of the President of the Council of Ministers no. 159 of 05/12/2013, the household of the applicant applying for the PhD course benefits only comprises the applicant, the spouse, children aged less than 18 and adult children, according to the rules set out in paragraphs 2 to 5 of Art. 3, and in any case without prejudice to the beneficiary's right to define his/her household according to the ordinary rules laid down in Article 3.

For more information on ISEE in relation to benefits for the right to university study, visit the University website at page <https://www.unimib.it/unimib-international/phd/during-your-phd-0>

**Article 13
(Obtaining the qualification)**

The PhD qualification is awarded upon completion of the PhD Course, upon passing the final examination, which involves the submission of a written thesis (PhD thesis) giving proof of original research work that has produced significant scientific results.

**Article 14
(Applicable law)**

For all matters not covered in this call for applications, the laws and regulations on PhD courses shall apply.

**Article 15
(Personal data processing)**

Personal data will be processed with reference to the provisions of Legislative Decree no. 196 of 30 June 2003 "Code on the protection of personal data" and subsequent amendments and additions as well as the UE Regulation 2016/679 (General Data Protection Regulation).

The disclosure concerning the personal data processing can be viewed at the following link:

<https://www.unimib.it/informativa-studenti>

**Article 16
(Procedure Manager)**

Pursuant to Law no. 241 of 7 August 1990, the Procedure Manager of this call for applications is:
Ester Tagliavini, Education and Student Services Area, Head of the Doctoral School Department (piazza dell'Ateneo Nuovo, 1 - 20126 Milan).

Candidates are entitled to exercise the right to access the procedure records in accordance with the law in force. Their request, addressed to the Procedure Manager, must be sent to the Protocol Office - Piazza dell'Ateneo Nuovo, 1 - 20126 Milan.

**Article 17
(Contacts)**

Doctoral School Department: dottorati@unimib.it

Welcome Desk: welcome.desk@unimib.it

THE RECTOR
(*Prof. Maria Cristina MESSA*)

Description sheets attached to the DR n. 0037765/19 of May 14th, 2019

Analysis of Social and Economic Processes (ASEP) (Cod. 103R)			
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	
	Scholarships funded by the Department	n. 1	n. 1 scholarship funded by the grant "Departments of Excellence" and linked to the research project: <i>"Italian Lives – Survey on Italians' Life Courses."</i> The scholarship is intended for applicants interested in qualitative longitudinal analysis.
	Position of Industrial/Executive PhD	n. 1	n. 1 position reserved to employees of the University of Applied Sciences and Arts of Southern Switzerland
	Total number of places available	n. 7	
Selection procedures	<p>Assessment of qualifications and publications + oral examination</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> <p>The remote interview is allowed.</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>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>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 taken at the University: 22, 23 July 2019 at 10:30 am, at the Department of Sociology and Social Research, Building U7, 3rd floor, Room 23.</p> <p>If necessary, the oral examinations will go on 26 July 2019 at 10:30 am, at the Department of Sociology and Social Research, Building U7, 3rd floor, Room 23.</p> <p>Oral examination taken by remote interview (<u>only on demand</u>): 24 and 25 July 2019 at 10:30 am – Italian time (GMT + 2)</p> <p>If necessary, the oral examinations will go on 26 July 2019 at 2:30 pm – Italian time (GMT + 2)</p>
Contact for academic information	<p>https://www.unimib.it/didattica/dottorato-ricerca/corsi-dottorato/analisi-dei-processi-sociali-ed-economici-asep</p>
Further information	<p>The results of the qualifications assessment, together with a breakdown of candidates in the examination days, will be published on 17 July 2019 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p>

Cultural and Social Anthropology (Code 74R)	
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, Asia, Europe, the Middle East, Oceania, South-East Asia,

	in addition to Italy and the Mediterranean basin.		
Places available	University scholarships	n. 3	
	Places without scholarship	n. 1	
	University scholarships reserved to foreign university graduates	n. 1	
	Places without scholarship reserved to foreign university graduates	n. 1	
	Position of Industrial/Executive PhD	n. 2	n. 1 position reserved to employees of the Centro Cooperazione Internazionale n. 1 position reserved to employees of MAPI S.r.l.
	Total number of places available	n. 8	
Selection procedures for ordinary places	Assessment of qualifications and publications + written exam + interview For ordinary places the remote interview is not allowed.		
Selection procedures for reserved places	Assessment of qualifications and publications + remote interview All documents must be submitted in one of the following languages: Italian, English or French. If candidates are not native speakers of Italian, English or French, they have to provide one of the following certifications: IELTS 7.0 / 7.5 or TOEFL iBT 110-120 (English); CELI 4; CILS 3 (Italian); DALF C1 (French) or equivalent certifications. In alternative, the selection committee will verify the competences in one of the three above-mentioned languages during the oral interviews.		
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		

	<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>The candidates will show solid competences in the field of cultural and social anthropology, critical ability, methodological insight, and the capacity of raising their arguments in a clear and straightforward way. The candidate can chose to undergo both the written exam and the interview in either Italian or English.</p> <p>The selection committee will test the English proficiency of candidates that have chosen Italian for the written exam and 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>
Examination dates	<p>Written examination: 11 July 2019 at 10:00 am, Building U9, room 7, Viale dell'Innovazione 10 - Milan Oral examination: 19 July 2019 at 10:00 am at the "Riccardo Massa" Human Sciences for Education Department, Building U6, Room 4094, Piazza dell'Ateneo Nuovo, 1 – Milan.</p> <p>Oral interviews for reserved places (by videoconference) will be on 18th July 2019 at the "Riccardo Massa" Human Sciences for Education Department, Building U6, Piazza dell'Ateneo Nuovo, 1 – Milan.</p>
Contact for academic information	<p>dacs.dottorato@unimib.it https://www.unimib.it/didattica/dottorato-ricerca/corsi-dottorato/antropologia-culturale-e-sociale</p>

Economics and Statistics (Cod. 104R)	
Department	Economics, Management and Statistics (DEMS)
Coordinator	Prof. Matteo Manera
Length of program	4 years
Curricula	1. Economics 2. Statistics
Research topics	The PhD in Economics and Statistics is active on the following research

	fields: econometrics, macroeconomics, microeconomics, methodological statistics, applied and computational statistics. Particular attention is devoted to the following research topics: big data analytics and data science; DSGE models; time series econometrics; forecasting/nowcasting; development economics; behavioral and experimental economics; public economics and political economy; information economics; banking/finance; stochastic processes; Bayesian statistics; statistical inference; computational statistics; statistical modelling.		
	Additional information can be found on the PhD official website: http://www.unimib.it/unimib-international/phd/phd-programmes/ecostat		
Places available	University scholarships	n. 8	n. 4 scholarships on the Economics curriculum n. 4 scholarships on the Statistics curriculum
	Scholarships funded by the Department	n. 1	n. 1 scholarship funded by the grant "Departments of Excellence", linked to the research project: <i>"Applied and theoretical studies on the European economic systems"</i> (curriculum Economics)
	Positions of Industrial/Executive PhD	n. 4	n. 1 position reserved to employees of Unicredit (curriculum Statistics) n. 1 position reserved to employees of RAMDAC S.r.l. (curriculum Statistics) n. 1 position reserved to employees of Data Reply S.r.l. (curriculum Statistics) n. 1 position reserved to employees of CGNAL S.r.l. (curriculum Statistics)
	Total number of places available	13	
Selection procedures for ordinary places	Assessment of qualifications and publications + oral exam. The remote interview is allowed. 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	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		

	<p>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>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	The oral exam will be held in English. During the oral exam the research project presented by the candidate will be discussed. On this respect, candidates have to upload, together with their applications, their research projects, which have to be written in English and whose length should not exceed 5 pages.
Examination dates	<p>Oral examination: 10, 11, 12 July and 15, 16, 17, 18, 19 July 2019, at 10.00 am, at DEMS, Building U7, II floor, Room 2104, Via Bicocca degli Arcimboldi, 8 – 20126 Milan.</p> <p>For the breakdown of the candidates in the examination days, see the next section "Further information"</p>
Contact for academic information	www.dems.unimib.it http://www.unimib.it/unimib-international/phd/phd-programmes/ecostat
Further information	<p>During the application, candidates have to select one curriculum (either Economics or Statistics).</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, will be published by 8 July 2019 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)	
Department	Human Sciences for Education "Riccardo Massa"
Coordinator	Prof. Laura Formenti
Length of program	3 years
Research topics	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, at different ages and in different contexts. We will take into consideration studies devoted to illuminate the educational/pedagogical/transformational dimension of ongoing transformations and challenges in contemporary society, at

	school, in educational, social and health agencies and institutions, in the multicultural society and migrations and in informal or non-formal contexts; for example, on the following themes, which mirror some of the present research trends in the PhD Board and/or Department: <ul style="list-style-type: none"> – diffusion and use of new technologies and media; – learning and teaching processes, learning environments and didactics; – 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 action; – impact of different theoretical and epistemological approaches in understanding educational phenomena. 		
Places available	University scholarships	n. 4	
	University scholarships reserved to foreign university graduates	n. 2	
	Positions of Industrial/Executive PhD	n. 6	n. 1 positions reserved to employees of Consorzio Consolida Cooperativa Sociale Onlus n. 1 position reserved to employees of AFOL Metropolitana n. 1 position reserved to employees of Cooperativa Sociale La Vecchia Quercia Onlus n. 1 position reserved to employees of Bambini S.r.l. n. 1 position reserved to employees of La Fabbrica dei Segni Cooperativa Sociale n. 1 position reserved to employees of UNHCR Niger
	Places without scholarship	n. 2	
	Total number of places available	n. 14	
Selection procedures for ordinary places	Assessment of qualifications and publications + written examination + oral examination. The interview may be taken also "remotely"		
Selection procedures for reserved places	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>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>Examinations can be taken in Italian or in English.</p> <p>The <u>written examination</u>, 3 hours long, will focus the candidate's knowledge of theories, research models and contexts of education and learning, related to scientific literature on pedagogy, educational sciences and their relationships with other human and social disciplines. The candidates who do not have an educational background should bring evidence of their knowledge of the field and of their capacity to reflect on epistemology and theory in a way that is adequate to do research in the educational domain.</p> <p>The <u>oral examination</u> 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.</p> <p>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> <ol style="list-style-type: none"> 1. Abstract (about 400 characters) 2. Project: Title, theoretical background, objectives/hypotheses or research questions, methodology 3. Bibliography.
Examination dates	<p>Written examination: 8 July 2019, at 2:00 pm, Building U7, Room 04, floor -2, Via Bicocca degli Arcimboldi, n. 8 - Milan</p>

	<p>Oral examination: -16 September 2019, at 9:30 am; Building U6, Room "Seminari", 4st floor, Department of Human Sciences for Education, Piazza dell'Ateneo Nuovo, 1 - Milan - 18 September 2019, at 9:30 am and 19 September (room to be defined)</p>
Contact for academic information	https://www.unimib.it/unimib-international/phd/phd-programmes/education-contemporary-society
Further information	<p>In the evaluation of qualifications (item 3), only scientific papers in peer-reviewed journals, books or conferences will be considered. The calendar of oral examinations will be published by July, the 25th, 2019.</p> <p>For further information write to dottorato.educazione@unimib.it</p>

Physics and Astronomy (Code 86R) PhD in partnership with INFN			
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	n. 4	n. 3 scholarships funded by INFN

	an agreement with the University		n. 1 scholarship funded by University of Surrey reserved to curriculum n. 6 linked to the research project: <i>"Mathematical Aspects of String theory"</i>
	Scholarships funded by the Department	n. 6	n. 1 scholarship linked to the research project: <i>"Resummation – Improved Montecarlo event generation for the LHC and future colliders"</i> n. 3 scholarships linked to the research project: <i>"Integrated Circuits design for industrial applications"</i> n. 1 scholarship linked to the research project: <i>"Diagnostics for cold plasmas"</i> n. 1 scholarship linked to the research project: <i>"Development of high precision timing techniques for accelerator neutrino physics"</i>
	Scholarships funded by external bodies	n. 1	n. 1 scholarship funded by ENEA linked to the research project: <i>"Integrated scenario modelling in tokamak devices using first principle based transport models. Application to the design of the new Italian tokamak DTT".</i>
	Positions of Industrial/Executive PhD	n. 1	n. 1 position reserved to employees Infineon Technologies Austria AG
	Places without scholarships	n. 2	
	University scholarships reserved to foreign university graduates	n. 1	
	Places without scholarship reserved to	n. 1	

	foreign university graduates		
	Total number of places available	n. 21	
Selection procedures for ordinary places	Assessment of qualifications and publications + oral examination The interview may be taken also "remotely"		
Selection procedures for reserved places	Assessment of qualifications and publications + oral examination in 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 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 The candidates interested to the joint curriculum with Surrey n. 6, will have to submit all the documentation in English.		
Information about examination	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. The oral examination for curriculum n. 6 will have to be taken only in English. 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. 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>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.</p>
Examination dates	<p>Oral examination for curricula 1-5: 23, 24, 25, 26 July 2019, at 9:00 am; Building U2, Room 3020, Piazza della Scienza 3, 20126 - Milan.</p> <p>Oral examination for curriculum 6: 22 July 2019, at 9:00 am; Building U2, Room 3020, Piazza della Scienza 3, 20126 – Milan.</p>
Academic information	<p>https://www.fisica.unimib.it/it/didattica/dottorato/attiv%C3%A0-didattica-dottorato</p>
Further information	<p>The results of the qualifications assessment, together with a breakdown of candidates in the examination days, will be published by 18 July 2019 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 amount of the scholarship funded by the University of Surrey is of £ 15.009 a year along with the amount of £ 4.327 to cover the fees of the University of Surrey – when the candidate will stay in that University, and the amount of the fees stated by the Rules of Unimib when the candidate is at Unimib. For non EU candidates the fees of the University of Surrey are of £ 18.700.</p> <p>The winner of this scholarship will have to spend a research period of at least 12 months at the University of Surrey.</p> <p>Different tests and rankings are planned for curriculum 6 and the others (1-5).</p> <p>During the admission procedure candidates may to apply for curriculum 6 or for all the other five curricula or both of them (curriculum 6 + the others)</p>

Computer Science (Code 87R)			
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		
Scholarships funded by external bodies	University scholarships	n. 5	
Places available	Scholarships funded by the Department	n. 3	n. 2 scholarships funded by the Department of Computer Science, Systems and Communications linked to the research project:

			<p><i>"Methodologies for developing and testing rail traffic control systems in the context of the ERTMS European standard applied to the European Vital Computer EVC control component"</i></p> <p>n. 1 scholarship funded by the Department of Computer Science, Systems and Communications linked to the research project: <i>"Single-cell cancer evolution in the clinic"</i></p>
	Scholarships funded by external bodies	n. 4	<p>n. 1 funded by Fondazione Centro San Raffaele linked to the research project: <i>"Machine learning analysis of multi-parametric single cell data"</i></p> <p>n. 1 funded by Istituto di Scienza e Tecnologia dell'Informazione A. Faedo CNR-ISTI linked to the research project: <i>"Deep learning techniques for next generation context-aware recommendation and search systems"</i></p> <p>n. 1 funded by ITC-CNR linked to the research project: <i>"Digital models as a support to urban systems' simulation, management and transformation"</i></p> <p>n. 1 co-funded by ENEA-Regione</p>

			<p>Lombardia linked to the research project: <i>"Definition of techniques for the storage, access, and presentation of data concerning mobility in urban areas, using distributed ledger technologies."</i></p> <p>The scholarship funded by Regione Lombardia will be assigned after the relevant agreement between Regione Lombardia, ENEA and the University of Milano-Bicocca will be signed.</p>
	High level training apprenticeship contracts	n. 2	<p>n. 1 contract with SELETCH ENGINEERING SRL linked to the following research project: <i>"Neural Networks and Advanced Methodologies for the Classification of Spectral Profiles of Composite Materials"</i> Workplace: Brugherio</p> <p>N. 1 contract with ANOKI linked to the following research project: <i>"Automatic testing, monitoring and root cause analysis of microservices architecture in a DevOps process"</i> Workplace: Milian</p>
	Positions of Industrial/Executive PhD	n. 1	<p>n. 1 position reserved to employees of Social Things and linked to the following research project:</p>

			<i>"Optimized Social Artificial Intelligence Explanation"</i>
	Places without scholarship	n. 2	
	Places without scholarship reserved to foreign university graduates	n. 1	
	Total number of places available	n. 18	
Selection procedures for ordinary places	Assessment of qualifications and publications + oral examination The remote interview is allowed.		
Selection procedures for reserved places	Assessment of qualifications and publications + oral examination (by 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>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>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. 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 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>		

Examination dates	Oral examination: 25, 26, 29, 30, 31 July 2019, at 9:30 am at the Department of Computer Science, Systems and Communications, Building U14, Viale Sarca 336 – 20126 - Milan.
Contact for academic information	https://www.unimib.it/didattica/dottorato-ricerca/corsi-dottorato/informatica
Further information	The results of the qualifications assessment will be published on 15 July 2019 on the website https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca

Mathematics (Cod. 105R) Joint PhD course with the University of Pavia, the Istituto Nazionale di Alta Matematica (INdAM) and the CIAFM The PhD degree will be jointly conferred by the Rector of the University of Milano-Bicocca and the Rector of the University of Pavia	
Departments	<ul style="list-style-type: none"> • Department of Pure and Applied Mathematics at the University of Milano Bicocca; • "F. Casorati" Department of Mathematics of the University of Pavia
Coordinator	Prof. Pierluigi Colli
Length of program	3 years
Curricula	<ol style="list-style-type: none"> 1. Algebra and Geometry; 2. Mathematical Analysis; 3. Numerical Analysis and Mathematical Modelling; 4. Mathematical Physics 5. Probability, Statistics and Mathematical Finance 6. Mathematics in Life Sciences and Physics (curriculum in agreement with the University of Surrey - UK. 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 £ 4.327 for UK / EU students and to £ 18.700 for non-EU students. At the end of the course of study, a double degree will be awarded)
Research Topics	With indications of the university Milano-Bicocca (MIB) or Pavia (PV) where they are developed: <ul style="list-style-type: none"> • Algebra and Geometry: group theory, theory of Lie algebras and their representations (MIB); category theory, algebraic geometry (PV), real and complex differential geometry (MIB and PV), symplectic geometry (MIB) and hyperbolic geometry (PV). • Mathematical Analysis: partial differential equations and their applications in physics, biology and engineering; control and optimization theory, nonlinear and functional analysis (MIB and PV); harmonic and geometric analysis (MIB); variational models and techniques, calculus of variations (PV). • Numerical Analysis and Mathematical Modelling: study of numerical methods (finite elements, isogeometric and virtual techniques) aimed at solving partial differential equations in the context of solid mechanics, fluid dynamics, interaction between fluids and structures, electromagnetism, and

	<p>and with focus on applications in engineering and biomathematics; constrained optimization models and methods; computer aided design, approximations of data and functions, numerical linear algebra (MIB and PV).</p> <ul style="list-style-type: none"> • Mathematical Physics: soft matter mathematical modelling, kinetic theory, classical and quantistic field theory, complex systems (PV); fluid mechanics (PV e MIB), geometric and analytic theory of integrable systems, Frobenius manifolds, dynamical systems and mathematical methods of quantum mechanics (MIB). • Probability, Statistics and Mathematical Finance: Bayesian statistics, quantum probability, convergence of probability measures, finitely additive probability measures (PV); statistical mechanics (MIB and PV); random walks, systems with interacting particles, stochastic differential equations, stochastic control theory, economical and financial applications (MIB). • Mathematics in Life Sciences and Physics: intersectoral subjects with the study of biological, biomedical, physical and thermomechanical models (MIB and PV, in collaboration with Surrey University). <p>A more detailed description of the research interests of the members of the Academic Board of the PhD course and of the research topics carried out by the two participating departments is available at the websites http://www.matapp.unimib.it/ and http://matematica.unipv.it/ of the two departments.</p>		
Places available	University scholarships	n. 6	Of which n. 1 reserved for curriculum 6 in agreement with the University of Surrey
	Scholarships funded by Institutions which have an agreement with the University	n. 7	n. 5 funded by the University of Pavia n. 2 funded by INDAM
	Total number of places available	13	
Selection procedures	<p>Assessment of qualifications and publications + oral examination The interview can be substained in a remote mode. Candidates can take the oral exam also in English. The test for the curriculum 6 must be supported in English.</p> <p>Candidates have to upload at least one reference letter, written in a free form, in English or Italian, signed by university teachers or experts according to the procedure described in the 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 (obtained under the laws in force prior to Ministerial Decree no. 509/1999) 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 		

	<p>6) Certification of training periods and/or research periods abroad of at least two months: max 2 points</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>In addition to the above-mentioned qualifications, candidates will have to submit a motivation letter, specifying which of the two participating departments they find most suited to their scientific interests (Department of Pure and Applied Mathematics at the University of Milano Bicocca, with a possible declaration of interest for the curriculum in agreement with the University of Surrey, or "F. Casorati" Department of Mathematics of the University of Pavia). The candidate's choice must be scientifically motivated. The motivation letter will not be assessed, but it will be used as a starting point for the interview.</p> <p>The candidates interested to the joint curriculum with Surrey n. 6, will have to submit all the documentation in English.</p>
Information about examinations	<p>The interview will concern the research topics covered by the PhD course and will also refer to the motivation letter submitted by the candidate during the application procedure.</p> <p>Candidates are encouraged to prepare a presentation (no more than 15 minutes) using a whiteboard or pdf-file slides.</p>
Examination dates	<p>Oral examination: 10, 11, 13 September 2019, at 9.30 am, at the room 3014, Department of Pure and Applied Mathematics, Ed. U5, III piano, of the University of Milano Bicocca, Via Cozzi, 55 – 20125 Milan.</p>
Important information	<p>PHD STUDENTS AFFILIATION</p> <p>The scholarships funded by the University of Milano-Bicocca and Pavia have a gross annual amount as in art. 11 of this call for applications. Each scholarship funded by INdAM has a gross annual amount of € 15.343,28 with the social security contributions to be paid by the grant holder (minimum ministerial amount provided for by the Ministerial Decree 40/2018 of 25 January).</p> <p>The scholarships funded by the University of Milano-Bicocca will be awarded to PhD students with a membership to the Department of Mathematics and its Applications of the University of Milano-Bicocca.</p> <p>The scholarships funded by the University of Pavia will be awarded to PhD students with a membership to the "F. Casorati" Department of Mathematics of the University of Pavia.</p> <p>The scholarships funded by INdAM are compatible with either membership according with the provisions below.</p> <p>DETERMINATION OF THE AFFILIATION TO A DEPARTMENT</p> <p>At the end of the enrollments, the Academic Board of the PhD course will attribute to each PhD student the affiliation to one of the two departments</p>

	<p>involved, based upon the preference expressed in the motivation letter, and using the ranking order as a priority criterion, until all the scholarships of one of the two Universities have been assigned. To the first winner, in descending order of the ranking list, who is unable to obtain a scholarship from his/her preferred University, an INdAM scholarship will be assigned; this candidate will be allowed to choose his/her affiliation. Once all the scholarships of either one of the two Universities and the first INdAM scholarship have all been attributed, the remaining winners will be assigned to the other department, irrespective of their indicated preference, and will be attributed the University scholarships first and then the second INdAM scholarship.</p> <p>If none of the candidates expresses preference for the curriculum in agreement with the University of Surrey, or no one is judged suitable for it by the Commission, the reserved fellowship will become available for eligible candidates who have expressed preference for UniMiB.</p>
<p>Further information</p>	<p>The results of the qualifications assessment will be published on 29 July 2019, on the website https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca, together with a breakdown of candidates in the examination days.</p> <p>Different tests and rankings are planned for curriculum 6 and the others (1-5).</p> <p>During the admission procedure candidates may to apply for curriculum 6 or for all the other five curricula or both of them (curriculum 6 + the others)</p> <p>MOTIVATION LETTER AND RESEARCH ACTIVITY</p> <p>The Academic Board will assign a tutor to each PhD student, based on the motivation letter presented for the selection process and on the information collected during the interview. The tutor will be in charge of the supervision and guidance of the initial phase of the PhD career of the student. However, the motivation letter, the information collected during the interview and the choice of the tutor will not be strictly binding for the following and final choice of a research theme and dissertation topic by the student him/herself. The topic of the dissertation may be chosen within the research interests of the members of the Academic Board or, after authorization by the Board itself, of other external scholars.</p>

Molecular and Translational Medicine – DIMET Joint PhD course with the University of Surrey - UK (Code 76R)	
Department	Medicine and Surgery
Coordinator	Prof. Andrea Biondi
Length of program	3 years
Research topics	Clinical and Regenerative Medicine, Technological Platforms, Nanomedicine and Diagnosis, Neuroscience and Neuromuscular Disorders, Oncological Hematological Disorders, Cardiovascular and Pulmonary Disorders, Immunological and Infective Disorders, Cellular and Molecular Mechanisms

Places available	University scholarships	n. 7	
	Scholarships funded by the Department	n. 4	<p>n. 1 scholarship funded by the grant "Departments of Excellence" and linked to the research project: <i>"Characterization of the effects of lineage determining cytokine receptors in human monocyte derived dendritic cells."</i> A joint project with the University of Surrey. (The choice of this scholarship involves a research period of 12 months at the University of Surrey. During this period the PhD student will have to pay the fees stated by that University of the amount of £ 4.195. At the end of the program a double degree will be conferred).</p> <p>n. 1 scholarship linked to the research project: <i>"Characterization of the somatic and germline mutation landscape of Triple Negative Myeloproliferative Neoplasms."</i></p> <p>n. 1 scholarship linked to the research project: <i>"Combinatorial antigen targeting of B-cell neoplasms by engineered CART cells."</i></p> <p>n. 1 scholarship linked to the research project: <i>"Tissue-based high-dimensional landscaping in inflammation, repair and transformation."</i></p>
	Scholarships funded by external bodies	n. 6	<p>n. 5 funded by Fondazione M. Tettamanti M. De Marchi Onlus linked to the following research projects: 1. <i>"Finding key players in leukemia-stroma crosstalk as targets for new treatments in childhood B Cell Precursor Acute Lymphoblastic Leukemia</i></p>

		<p><i>(BCP-ALL)."</i></p> <p>2. <i>"Targeting genetically defined high risk subgroups of childhood acute lymphoblastic leukemia."</i></p> <p>3. <i>"Genetic predisposition to childhood acute lymphoblastic leukemia."</i></p> <p>4. <i>"Unraveling the mechanisms sustaining the TEL/AML1 positive pre-leukemic cell."</i></p> <p>5. <i>"The niche in childhood acute leukemias."</i></p> <p>n. 1 funded by SST Papa Giovanni XXIII linked to the research project: <i>"CAR-CIK optimisation production and clinical trial"</i></p>
	Position of Industrial/Executive PhD	n. 1 n. 1 reserved to employees of Fondazione IRCCS Istituto Neurologico "Carlo Besta"
	Places without scholarship	n. 4
	Places reserved to scholarship holders from specific international mobility programs	n. 6
	Total number of places available	n. 28
Selection procedures	<p>Assessment of qualifications and publications + written examination + oral examination</p> <p>The scholarship linked to the joint project with the University of Surrey will be assigned on the basis of the assessment of qualifications and publications + oral exam.</p> <p>The interview may be taken also "remotely"</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 qualifications	of <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>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 project with Surrey, will have to submit all the documentation in English.</p>
Information examinations	about <p><u>Written examination:</u> The candidate will be asked to write in English or in Italian the abstract of a scientific article, chosen among those proposed by the Commission within the different DIMET areas of interest, in order to test the ability to understand and critically analyze a scientific work.</p> <p><u>Oral examination:</u> The goal of the oral examination is to assess the candidate's research skills and motivations, as well as to evaluate her/his interest in the DIMET PhD program. English knowledge will be tested through the written exam and/or the oral discussion.</p> <p>The examinations for the joint project with Surrey will have to be taken only in English.</p>
Examination dates	<p>Written examination: 10 September 2019, at 9.30 am at Medicine and Surgery Department, Building U8, Room U8/07, via Cadore, 48 - Monza.</p> <p>Oral examination:</p> <ul style="list-style-type: none"> • 18 September 2019 at 9.00 am at Medicine and Surgery Department, Building U8, Room U8-06, Via Cadore 48 - Monza • 19 September 2019 at 9.00 am at Medicine and Surgery Department, Building U8, Room U8-06, Via Cadore 48 - Monza <p>Oral examination for scholarship linked to the joint project with Surrey</p> <ul style="list-style-type: none"> • 10 September 2019 at 3:00 pm at Medicine and Surgery Department, Building U8, Room U8-07 or videoconference room, Via Cadore 48 - Monza
Contact for academic	www.dimet.org

information	https://www.unimib.it/didattica/dottorato-ricerca/corsi-dottorato/medicina-traslazionale-e-molecolare-dimet
Further information	During the procedure candidates have to apply for the joint project 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.

Neuroscience (Code 90R)			
Department	Medicine and Surgery		
Coordinator	Prof. Guido Cavaletti		
Length of program	3 years		
Curricula	1. Experimental Neuroscience 2. Clinical Neurosciences 3. Neuroscience International Track (a joint curriculum with the University of Surrey – UK. The choice of this curriculum involves a research period of 12 months at the University of Surrey. During this period the PhD student will have to pay the fees stated by that University of the amount of £ 4.195 a year. At the end of the program a double degree will be conferred).		
Research topics	The research topics covered in the Neuroscience PhD Course are available at the following link: http://www.neuroscienze.medicina.unimib.it/?page_id=1555&lang=en The specific research topics carried out by the members of the Scientific Board, are available at the following link: http://www.neuroscienze.medicina.unimib.it/?page_id=61&lang=en		
Places available	University scholarships	n. 5	n. 3 scholarships for Experimental Neuroscience curriculum n. 2 scholarships for Clinical Neurosciences curriculum
	Scholarships funded by the Department	n. 3	n. 1 scholarship for the Neuroscience International Track curriculum, funded by the grant "Departments of Excellence", linked to the research project: <i>"Assessment of metabolomic changes in chemotherapy-induced peripheral neurotoxicity"</i> n. 1 scholarship for the Clinical Neurosciences curriculum funded by PRIN Grant 2017 Prot 2017CY3J3W "Multi-center Translational Trial of Remote Ischemic Conditioning in Acute Ischemic Stroke (TRICS). A

			<p>collaborative study from the Italian Stroke Organization (ISO) Basic Science network". The scholarship is linked to the research project: <i>"Preclinical multicenter trial on the effectiveness of remote ischemic conditioning therapy to limit cerebral ischemic damage"</i></p> <p>n. 1 scholarship for the Clinical Neurosciences curriculum funded by PRIN Grant 2017 Prot. 2017CY3J3W "Multi-center Translational Trial of Remote Ischemic Conditioning in Acute Ischemic Stroke (TRICS). A collaborative study from the Italian Stroke Organization (ISO) Basic Science network". This scholarship is linked to the following research project: vincolata al progetto: <i>"Multicenter clinical trial on remote ischemic conditioning in patients with acute ischemic stroke"</i></p>
	Scholarships funded by external bodies	n. 1	<p>n. 1 scholarship for the Clinical Neurosciences curriculum funded by Fondazione IRCCS Istituto Neurologico "Carlo Besta" linked to the research project: <i>"Outcome measures in clinical trials for rare genetic neurodegenerative diseases"</i></p>
	Positions of Industrial/Executive PhD	n. 3	<p>n. 1 position reserved to employees of Italfarmaco S.p.A. (Experimental Neuroscience curriculum)</p> <p>n. 1 position reserved to employees of AS.FRA Onlus (Clinical Neurosciences curriculum)</p> <p>n. 1 position reserved to employees of Rottapharm Biotech S.r.L. (Experimental Neuroscience curriculum)</p>

			curriculum)
	University scholarships reserved to foreign university graduates	n. 1	n. 1 reserved to Experimental Neuroscience curriculum
	Total number of places available	n. 13	
Selection procedures for ordinary places	Curriculum 1 and 2: Assessment of qualifications and publications + written examination + oral examination (the remote interview is not allowed)		
	Curriculum 3: Assessment of qualifications and publications + oral examination (the remote interview is allowed)		
Selection procedures for reserved places	Assessment of qualifications and publications + oral examination (the remote interview is allowed)		
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>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. 3, will have to submit all the documentation in English.</p>		
Information about examinations	<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 written and 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.</p>		

	<p>(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>Curricula n. 1 and 2 - Written examination: 6 September 2019 at 9:00 am, Building U8, room 3, Via Cadore 48 - Monza, Oral examination: 12 September 2019 at 2:00 pm, Building U18, room 3 and 4, Via Podgora – Vedano al Lambro or in videoconference for the place reserved to foreign university graduates.</p> <p>Curriculum 3 – Oral Examination: 13 September 2019 at 2:00 pm, Building U8, room U8-1008 (VCONF220), Via Cadore 48 – Monza or in videoconference.</p> <p>Any changes in the rooms will be published at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p>
Contact for academic information	<p>https://www.unimib.it/didattica/dottorato-ricerca/corsi-dottorato/neuroscienze e-mail: dottorato.neuroscienze@unimib.it</p>
Further information	<p>Different tests and rankings are planned for the various curricula. Each candidate may participate in the selection for one curriculum only.</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>

Psychology, Linguistics and Cognitive Neurosciences (Code 77R)			
Department	Psychology		
Coordinator	Prof. Maria Teresa Guasti		
Length of program	3 years		
Curricula	<ol style="list-style-type: none"> 1. Mind, brain and behaviour 2. Social, cognitive and clinical psychology 3. Experimental and Applied psychology 		
Research topics	Look at the website of the PhD School (https://www.unimib.it/didattica/dottorato-ricerca/corsi-dottorato/psicologia-linguistica-e-neuroscienze-cognitive) 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. The choice of this curriculum involves a research period of 12 months at the University of Surrey. During this period the PhD student will have to pay the fees stated by that University of the amount of £ 4.195. At the end of the program a double degree will be conferred).
	Scholarships funded by the Department	n. 2	n. 1 scholarships for Mind, brain and behaviour curriculum n. 1 scholarships for Social, cognitive and clinical psychology curriculum, funded by the grant “Departments of Excellence” and linked to the research project: <i>“Virtual/augmented reality and new technologies applied to the topics of the two curricula”</i>
	Places without scholarships	n. 3	n. 1 for Mind, brain and behaviour curriculum n. 1 for Social, cognitive and clinical psychology curriculum n. 1 for Experimental and Applied psychology curriculum reserved to foreign university graduates
	Total number of places available	n. 15	
Selection procedures	Assessment of qualifications and publications + written examination + oral examination .		

	The oral examination may be taken also "remotely"
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>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. 3, will have to submit all the documentation in English.</p>
Information about examinations	<p>The admission exam consists of a written and an oral test. The written test, is an essay based on a scientific article where the abstract will be removed. The candidate will be asked to write the abstract in ENGLISH and to briefly answer one or more questions about the article in English or Italian (a space limit will be set). The written essay will provide information about the candidate's competence to read and to find relevant information of a scientific article and to appreciate its main contribution. The goal of the oral exam is to assess the candidate's research skills and motivations, as well as to evaluate her/his interests in relation to the PhD program. English will be examined through the written abstract. If necessary, the examination board can also examine the candidate's English competence during the oral test.</p> <p>The examinations for curriculum n. 3 will have to be taken only in English.</p>
Examination dates Curriculum 1 Mind, brain and behaviour	<p>Written examination: 9 July 2019, at 2:30 pm, Lab717 (room 1022) and Lab718 (room 1009), Building U7, 1st floor, Via Bicocca degli Arcimboldi 8, 20126 - Milan Oral examination: 16 July 2019, at 9:00 am, room 4057, Building U6, 4th floor, Piazza dell'Ateneo Nuovo, 1 – 20126 Milan</p>
Examination dates Curriculum 2 Social, cognitive and clinical psychology	<p>Written examination: 12 July 2019, at 9:30 am, Lab 719 (room 1053) and Lab 713 (room 20), Building U7, 1st floor, Via Bicocca degli Arcimboldi 8, 20126 - Milan Oral examination: 18 July 2019, at 9:30 am, room 3168B, Building U6,</p>

	3rd floor, Piazza dell'Ateneo Nuovo, 1 – 20126 Milan
Examination dates Curriculum 3 Experimental and Applied Psychology	Written examination: 9 July 2019, at 2:30 pm, Lab 716 (room 1002), Building U7, Via Bicocca degli Arcimboldi 8, 20126 - Milan Oral examination: 12 July 2019, at 10:30 am, room 3168B, Building U6, 3rd floor, Piazza dell'Ateneo Nuovo, 1 – 20126 Milan
Contact for academic information	https://www.unimib.it/didattica/dottorato-ricerca/corsi-dottorato/psicologia-linguistica-e-neuroscienze-cognitive
Further information	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.

Public Health (Code 78R)			
Department	Medicine and Surgery		
Coordinator	Prof. Guido Grassi		
Length of program	3 years		
Curricula	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	
	Scholarships funded by the Department	n. 1	n. 1 funded by the grant "Departments of Excellence", linked to the research project: <i>"Statistical methods for identification and validation of biomarkers"</i>
	Position of Industrial/Executive PhD	n. 5	n. 1 reserved to employees of Medtronic Italia S.p.A. (Health Services Research and Technology Assessment curriculum) n. 1 reserved to employees of Roches S.p.A. (Health Services Research and Technology Assessment curriculum)

			<p>n. 1 reserved to employees of Istituto Auxologico Italiano (curriculum Clinical pathophysiology and disease prevention)</p> <p>n. 1 reserved to employees of La Nostra Famiglia (curriculum Biostatistics and Epidemiology)</p> <p>n. 1 reserved to employees of Agenzia di Tutela della Salute della Città Metropolitana di Milano (curriculum Biostatistics and Epidemiology)</p>
	Total number of places available	n. 10	
Selection procedures	Assessment of qualifications and publications + oral examination		
	The remote interview is allowed.		
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>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	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 and medical statistics as well as in the field of methodologies concerning clinical and epidemiological studies.		

	The candidate's knowledge of English shall be tested too.
Examination dates	Oral examination: 25 and 26 July 2019 at 9:30 am, Building U38, Room 5, Via Pergolesi, 33 – 20900 Monza
Contact for academic information	https://www.unimib.it/unimib-international/phd/phd-programmes/public-health
Further information	The results of the qualifications assessment will be published on 16 July 2019 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		
Places available	University scholarships	n. 6	
	Scholarships funded by the Department	n. 2	n. 1 scholarship funded by the grant "Departments of Excellence" and linked to the research project <i>Materials for energy</i>
	Scholarships funded by external bodies	n. 7	n. 3 scholarships funded by CORIMAV, linked to the following research projects: 1) <i>Novel fillers for enhancing thermal conductivity of rubber nanocomposites</i> 2) <i>New functionalization approaches of lignocellulosic feedstock to obtain reinforcing fillers tailored to rubber compounds</i> 3) <i>New biotechnological approaches to the modification of natural micro- and nano-fibers to obtain efficient reinforcing fillers for rubber compounds</i>

			<p>n. 1 scholarship funded by ENI S.p.A. linked to the following research project: <i>"Developing of new fluorophenazine and fluoroacridine based molecular acceptors for tandem organic photovoltaic cells"</i></p> <p>n. 1 scholarship funded by Ricerca sul Sistema Energetico – RSE S.p.A. linked to the following research project: <i>"Development of earth abundant chalcogenide thin films for photovoltaics applications"</i></p> <p>n. 1 scholarship funded by Fondazione Istituto Italiano di Tecnologia (IIT) linked to the following research project: <i>"Preparation of new keratin-based bioplastics"</i></p> <p>n. 1 scholarships funded by Regione Lombardia linked to the following research projects: <i>"Metal additive manufacturing (3D printing) based on Digital Light Processing"</i></p> <p>The scholarship funded by Regione Lombardia will be assigned after the relevant agreement between Regione Lombardia, ENEA and</p>
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			the University of Milano-Bicocca will be signed.
	Places without scholarships	n. 2	
	Total number of places available	n. 17	
Selection procedures	Assessment of qualifications and publications + oral examination The remote interview is allowed.		
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>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>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	<p>Oral examination: 3, 5 and 6 September 2019 at 10:00 am, Seminars Room, Department of Materials Science, 1st floor, Building U5, via Cozzi 55 - 20125 Milan</p> <p>Oral examination by videoconference (only on demand, see art. 8): 4 September 2019 at 10:00 am, Director's Office, Department of Materials Science, 1st floor, Building U5, via Cozzi 55 - 20125 Milan</p>		
Contact for academic information	https://www.unimib.it/unimib-international/phd/phd-programmes/materials-science-and-nanotechnology		
Further information	<p>The results of the qualifications assessment will be published on 29 July 2019 on the website 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</p>		

	institution abroad for at least 6 months.
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Chemical, Geological and Environmental Sciences (Code 94R)			
Department	Earth and Environmental Sciences		
Coordinator	Prof. Maria Luce Frezzotti		
Length of program	3 years		
Curricula	1. Chemical Sciences 2. Geological Sciences 3. Terrestrial and Marine Environmental Sciences		
Research topics	Look at the website https://www.disat.unimib.it/it/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	n. 2 for Chemical Sciences curriculum n. 2 for Geological Sciences curriculum n. 4 for Terrestrial and Marine Environmental Sciences curriculum, one of which linked to the research project – in collaboration with the University of Barcelona - Spain: <i>"Mediterranean bio-construction and the Holocene record of extreme events and climate change."</i>
	Scholarships funded by the Department	n. 5	n. 2 for Geological Sciences curriculum funded by the grant "Departments of Excellence 2018/2022" linked to the following research projects: <ul style="list-style-type: none"> • <i>The past as the key to the imminent future: reconstructing climate evolution from the geological record</i> • <i>Environmental</i>

			<p><i>monitoring and assessment of risk scenarios related to climate change</i></p> <p>n. 1 for Chemical Sciences curriculum funded by the Material Science Department (Grant PRIN 2018) linked to the following research projects: <i>"Synthesis and characterization of materials for sodium-ion batteries"</i></p> <p>n. 1 for Chemical Sciences curriculum funded by the Biotechnologies and Biosciences Department (project H2020NMBP-15-2017-iNanoBIT) linked to the following research project: <i>"Synthesis of functionalized biomaterials for biomedical applications"</i></p> <p>n. 1 for Terrestrial and Marine Environmental Sciences curriculum funded by the Earth and Environmental Sciences Department linked to the following research project: <i>"Integrated modeling and databases for the management of groundwater in urban areas"</i></p>
	Scholarships funded by external bodies	n. 1	n. 1 for Terrestrial and Marine Environmental Sciences curriculum funded by RSE S.p.A. linked to the research project:

			<i>"Effect of atmospheric particulate deposits, and their chemical composition, on the electrical conductivity of the transmission network insulators"</i>
	Positions of Industrial/Executive PhD	n. 2	n. 2 position for Terrestrial and Marine Environmental Sciences curriculum, reserved to employees of F&P Word Sporting & Hotels Pvt. Ltd
	High level training apprenticeship contracts	n. 1	n. 1 contract for Chemical Sciences curriculum with Tecnomed and linked to the following research project: <i>"Radiosynthesis of Fluorine-18-Containing Pharmaceuticals by means of novel general-purpose methods"</i> Workplace: Milan
	Places without scholarships	n. 2	n. 1 for Geological Sciences curriculum n. 1 for Terrestrial and Marine Environmental Sciences curriculum
	Total number of places available	n. 19	
Selection procedures	Assessment of qualifications and publications + oral examination The remote interview is allowed.		
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		

	<p>least two months: max 2 points</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>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	<p>Oral examination: 18, 19, 22, 23 July 2019.</p> <p>The results of the qualifications assessment and the timetable of examinations for each curriculum (order of the call, time and place) will be published on 17 July 2019 at the following link:</p> <p>https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p> <p>https://www.disat.unimib.it/it/ricerca/dottorato-scga/ammissione</p>
Contact for academic information	<p>https://www.unimib.it/unimib-international/phd/phd-programmes/chemical-geological-and-environmental-sciences</p>
Further information	<p>Different tests and rankings are planned for the various curricula.</p> <p>Each candidate may participate in the selection for one curriculum only.</p> <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 already enrolled, without scholarship, in other curricula, on the basis of the score obtained in the admission competition.</p>

Legal Sciences (Code 84R)	
Department	Law
Coordinator	Prof. Maurizio Arcari
Length of program	3 years
Curricula	1. Public Law, Public Law in Economics and Philosophy of Law 2. Roman Law, Private Law, Labour Law, Tax Law and Civil

	<p>Procedure Law</p> <p>3. Criminal Law and Criminal Procedure, Criminology, Criminal Law in Economics, History of Criminal Law and Criminal Procedure</p> <p>4. Public, European and International Law (in agreement with Université Côte d'Azur)</p> <p>5. Law and Pluralism</p>		
Research topics	<p>The main research topics of each curriculum are available at the following link: https://www.unimib.it/unimib-international/phd/phd-programmes/legal-sciences</p>		
Places available	University scholarships	n. 10	<p>n. 3 for Public Law, Public Law in Economic and Philosophy of Law curriculum</p> <p>n. 2 for Roman Law, Private Law, Labour Law, Tax Law and Civil Procedure Law curriculum</p> <p>n. 2 for Criminal Law and Criminal Procedure, Criminology, Criminal Law in Economic, History of Criminal Law and Criminal Procedure curriculum</p> <p>n. 2 for Public, European and International Law curriculum</p> <p>n. 1 for Law and Pluralism curriculum</p>
	Scholarships funded by the Department	n. 4	<p>n. 3 scholarships funded by the grant "Departments of Excellence" for Law and Pluralism curriculum, one of which reserved to foreign university graduates</p> <p>n. 1 for Public, European and International Law curriculum linked to the research project: "<i>The Constitutionalization of the International and Supranational Legal Orders/The Internationalization of Domestic Legal Orders</i>"</p>

			reserved to foreign university graduates
	Position of Industrial/Executive PhD	n. 2	n. 1 reserved to employees of Agenzia delle Entrate – Direzione Regionale Lombardia (Roman Law, Private Law, Labour Law, Tax Law and Civil Procedure Law curriculum) n. 1 reserved to employees of UNICEF Onlus (curriculum Public, European and International Law curriculum)
	Places without scholarships	n. 1	Roman Law, Private Law, Labour Law, Tax Law and Civil Procedure Law curriculum
	Total number of places available	n.17	
Selection procedures	<p>Assessment of qualifications and publications + written examination + oral examination</p> <p>The written examination consists of writing an essay, chosen by the candidate, among the topics proposed for each curriculum. 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.</p> <p><u>Only for the curriculum n. 4 "Public, European and International Law":</u> Assessment of qualifications and publications + oral examination The oral examination will be organized in two steps: the first one will be based on the research project submitted by the candidate; the second one will aim to ascertain the knowledge of the fundamental principles of the topic selected by the candidate among the ones of the curriculum. The remote interview is allowed to candidates who have applied for the places reserved to foreign university graduates (curricula n. 4 and 5)</p>		
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</p>		

	<p>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>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>Additional documents, to upload during application, ONLY for Curriculum "Public European and International Law"</p>	<p>Based on article 3.3. of the university agreement between the University of Milano-Bicocca and the Université Côte d'Azur, the candidates must attach to the application the following documents:</p> <ul style="list-style-type: none"> - At least two reference letters; - Motivation letter; - Diploma Supplement (if applicable); - English-language certificate; - Name of a professor who could function as Director of the Ph.D. thesis
<p>Information about examinations</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 will be entirely held in English or Italian, at the candidate's choice; if the exam will be in Italian, knowledge of English language will also be assessed during the oral examination.</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, including Bibliography).</p> <p>Candidates to the position reserved to graduates in foreign universities within the Curriculum 4 "Public, European and International Law" must upload a research project on the topic "The Constitutionalization of the International and Supranational Legal Orders/The Internationalization of Domestic Legal Orders".</p>
<p>Examination dates Curriculum 1 Public Law, Public Law in Economic and Philosophy of Law</p>	<p>Written examination: 25 September 2019, at 10:00 am Oral examination: 25 September 2019, at 15:30 am Room and building of examination will be published by September 2nd at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-</p>

	dottorato/avvisi-prove-ammissione-dottorati-ricerca
Examination dates Curriculum 2 Roman Law, Private Law, Labour Law, Tax Law and Civil Procedure Law	Written examination: 18 September 2019, at 10:00 am Oral examination: 19 September 2019, at 10:00 am Room and building of examination will be published by September 2nd at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca
Examination dates Curriculum 3 Criminal Law and Criminal Procedure, Criminology, Criminal Law in Economic, History of Criminal Law and Criminal Procedure	Written examination: 11 September 2019, at 10:00 am Oral examination: 25 September 2019, at 10:00 am Room and building of examination will be published by September 2nd at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca
Examination dates Curriculum 4 Public, European and International Law	Oral examination: 13 September 2019 at 9:30 am oral examination; at 3:00 pm, remote interview with foreign candidates. Room and building of examination will be published by September 2nd at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca The results of the qualifications assessment, together with a breakdown of candidates in the examination days, will be published on 9 September 2019 on the University website at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca
Examination dates Curriculum 5 Law and Pluralism	Written examination: 16 September 2019, at 9:30 am, Oral examination: 19 September 2019, at 9:30 am Room and building of examination will be published by September 2nd at the following link: https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca
Contact for academic information	https://www.unimib.it/unimib-international/phd/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. The positions with scholarships offered under the call for one curriculum that cannot be assigned due to lack of suitable candidates according to that curriculum admission assessment, shall be assigned to the candidate enrolled without scholarship. If the positions with scholarship not assigned are more than one, they shall be assigned according to a single ranking established under the scores obtained, in the ranking of the different curricula, by all suitable candidates not admitted. The scholarships reserved to the Law and Pluralism curriculum and to a foreign university graduate within the Public European and International Law curriculum, cannot be reassigned.

Converging Technologies for Biomolecular Systems (TeCSBi) (Code 99R)			
Department	Biotechnology and Bioscience		
Coordinator	Prof.ssa Paola Branduardi		
Length of program	3 years		
Research topics	<p>The PhD Course in Converging Technologies for Biomolecular Systems (TeCSBi) is based on the study of biological systems both in the view of their emerging properties and of the molecular details defining their properties.</p> <p>Research projects will be focused on three main pillars:</p> <ul style="list-style-type: none"> - Systems and molecular biology approaches for the study of complex biological functions - Synthetic biology, Bio-organic Chemistry and Green Chemistry - Bioprospecting, Management and Valorization of Natural Resources 		
Places available	University scholarships	n. 5	
	Scholarships funded by the Department	n. 4	<p>n. 3 scholarships funded by the grant "Departments of Excellence", linked to the research project: <i>"Characterization of complex biological functions in response to genetic, environmental and/or nutritional constraints"</i></p> <p>n. 1 scholarship linked to the research project <i>"Synthesis of functionalized biomaterials for biomedical applications"</i> (project H2020NMBP-15-2017-iNanoBIT)</p>
	Scholarships funded by external bodies	n. 1	<p>n. 1 scholarship funded by Regione Lombardia and linked to the following research project: <i>"Valorization of industrial residues in the frame of the circular economy concept"</i></p> <p>The scholarship funded by Regione Lombardia will be assigned after the relevant agreement between Regione Lombardia, ENEA and the University of Milano-Bicocca will be signed.</p>
	Places without scholarships	n. 2	

	Places reserved to scholarship holders from specific international mobility programs	n. 1	
	Total number of places available	n. 13	
Selection procedures	<p>Assessment of qualifications and publications + written examination + oral examination.</p> <p>The remote interview is allowed.</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 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>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>The first examination consists of a multiple-choice test in English. The test will take place in a computer room and the software will save automatically the answers and will close the test session at the end of the time available (75 minutes).</p> <p>The second examination consists of an interview to test the candidate's knowledge of English.</p>		
Examination dates	<p>Written examination: 3 September 2019, at 10.00 am Oral examination: 5 September 2019, at 9.30 am</p> <p>The location of the examinations will be published by August 30th on the website at the following page https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p>		
Contact for academic information	<p>https://elearning.unimib.it/course/index.php?categoryid=5435 https://elearning.unimib.it/enrol/index.php?id=22611 (to see the research project)</p>		

URBEUR-Urban Studies (Code 96R)			
Department	Sociology and Social Research		
Coordinator	Prof. Lavinia Bifulco		
Length of program	3 years		
Research topics	https://www.unimib.it/unimib-international/phd/phd-programmes/urbeur-urban-studies		
Places available	University scholarships	n. 6	
	Positions of Industrial/Executive PhD	n. 2	n.1 position reserved to employees of Azienda Unità Sanitaria Locale di Parma; n.1 position reserved to employees of DAR=CASA Società Cooperativa
	Total number of places available	n. 8	
Selection procedures	<p>Assessment of qualifications and publications + oral examination</p> <p>Foreign university graduates might take the oral interview by videoconference.</p>		
Assessment qualifications	of	<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>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 examinations	about	<p>The examinations shall be held in English.</p> <p>The research project proposed by the candidate 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 drawn up in English (max. 4000 words) according to the following structure: theoretical framework, assumptions and methodology.</p>	

Examination dates	<p>Oral examination: 15 and 16 July 2019 at 9:00 am, Room Pagani, Building U7, Via Bicocca degli Arcimboldi n.8 - 20126 - Milan.</p> <p>The results of the qualifications assessment, together with a breakdown of candidates in the examination days, will be published on 10 July 2019 on the University website at the following page https://www.unimib.it/didattica/dottorato-ricerca/accedere-al-dottorato/avvisi-prove-ammissione-dottorati-ricerca</p>
Contact for academic information	<p>https://www.unimib.it/unimib-international/phd/phd-programmes/urbeur-urban-studies</p>