

**Announcement of a public competition for
admission to the courses in the Graduate Schools
of the University of Milan – academic year 2012/2013.**



UNIVERSITÀ DEGLI STUDI DI MILANO

Area Affari Istituzionali, Internazionali e Formazione

Divisione Formazione Universitaria e Formazione Permanente

FUFP/2

THE RECTOR

- considering Article 4 of Italian Law N° 210, dated 3 July 1998;
- considering the Italian Ministerial Decree N° 224, dated 30 April 1999, entitled "Regulation containing rules governing graduate schools";
- considering the Statute of the University of Milan, issued by a Decree of the Rector on 15 March, 2012;
- considering the Regulations governing the University's graduate school courses, issued by a Decree of the Rector on 9 October 2006 and subsequent amendments thereto;
- considering the Italian Ministerial Decree N° 270, dated 22 October 2004, entitled "Amendments to the Regulation N° 509 containing rules governing the didactic autonomy of Universities, passed by a Decree of the Minister for University and Scientific and Technological Research on 3 November 1999";
- considering the Regional Law N° 33, dated 13 December 2004, entitled "Rules governing activities of the Region for the right to study at university", which makes provision for services to be furnished to facilitate students enrolled in graduate schools;
- considering the Decrees of the Rector which constituted the Graduate Schools at the University and issued the relative Regulations;
- considering the decisions made by the Academic Senate and by the Board of Governors during their respective meetings on 13 and 27 March, 2012;

HEREBY DECREES

Art. 1

Institution of courses concerning the Graduate Schools

PhD courses are instituted at the University of Milan for the 2012-2013 academic year (XXVIII cycle) relative to the Graduate Schools listed below:

- Graduate School of Chemical Sciences and Technologies
- Graduate School of Biological and Molecular Sciences;
- Graduate School of Earth, Environment and Biodiversity;
- Graduate School of Agricultural, Nutritional and Environmental Molecular Sciences and Biotechnologies;
- Graduate School of Animal Health and Production: Science, Technology and Biotechnologies;
- Graduate School of Veterinary Sciences for Animal Health and Food Safety;
- Graduate School of Physics, Astrophysics and Applied Physics
- Graduate School of Biochemical, Nutritional and Metabolic Sciences;
- Graduate School of Technological Innovation for Agricultural, Nutritional and Environmental Sciences;



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- Graduate School of Legal Sciences
- Graduate School of *Humanae litterae*. Theories and Methods of Artistic, Philological, Philosophical, Geographic, Literary, Linguistic and Historical Disciplines;
- Graduate School of Molecular Medicine;
- Graduate School of Clinical and Experimental Biomedical Sciences;
- Graduate School of Morphological, Physiological and Sport Sciences;
- Graduate School of Information Technology;
- Graduate School of Mathematical Sciences;
- Graduate School in Pharmacological Sciences;
- Graduate School in Physiopathologic, Neuropsychobiological and Auxiliary Sciences of the Life Cycle

As a consequence, public competitions, to be appraised by qualifications and examinations, are hereby launched at the University of Milan for admission to the above-described Graduate Schools, for each of which the following are indicated in the tables attached to this decree, of which they constitute an integral part: the benchmark area and academic-disciplinary sector(s), the Department providing the administrative base, associated locations, the duration, the study places and scholarships available, the co-ordinator, any applicable curricula, any applicable second level degrees necessary for admission, the criteria used to calculate marks, the criteria used to appraise qualifications, the diary of examinations and the date and location when and where the results of the appraisal of qualifications shall be published.

The number of places available is determined in accordance with Article 14, section 1 letter e) of the University Regulations governing graduate school courses, taking into account the number of scholarships reserved for applicants from outside the European Union not included in the provisions of Italian Legislative Decree N° 286, dated 25 July 1998, amended by Italian Law No. 189, dated 30 July 2002, which are published with a separate provision by the Rector.

For the purposes of comparison between degrees awarded under the old order and classes of specialised and/or Masters degrees, the University applies the rules stipulated in the Decree issued by the Italian Ministry of Education, University and Research, in concert with the Civil Service Ministry, on 5 May 2004, and subsequent amendments thereto.

The scholarships funded by monies from the University of di Milan's budget may be increased, in the event of the non-allocation of scholarships reserved for applicants from outside the European Union not included in the provisions of Italian Legislative Decree N° 286, dated 25 July 1998. amended by Italian Law N° 189, dated 30 July 2002, which are published with a separate provision by the Rector.

The numbers of scholarships may be increased as a consequence of external funding that may become available before the deadline established by this announcement for applications to be admitted to the course to be presented.

Art. 2 **Admission criteria**

Holders of a first degree passed in accordance with the system that applied prior to the entry into force of Italian Ministerial Decree N° 509, dated 30 November 1999 (replaced by Ministerial Decree N° 270, dated 22 October 2004), or of a "laurea magistrale" (master degree), or of an equivalent qualification (Master's Degree) from a foreign university are eligible to apply for admission to the Graduate School as per the previous article.

The suitability of qualifications in terms of content will be appraised by the Faculty Committee.



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Applicants who shall have taken a first degree (in accordance with the old system) or a specialised and/or Masters degree by the date when the Examining Committee holds its first meeting for the purpose of appraising qualifications are also eligible to apply for admission to the Graduate Schools.

Art. 3 **Application form**

All applicants must present their applications no later than **6 September, 2012**.

All candidates should make their applications exclusively by internet, via the *Sifa* ONLINE facility available on the University's website <http://www.unimi.it>.

To access the online application system, go to the *Servizi online SIFA* section and select *Servizi di ammissione*, then select *Ammissione ai corsi post laurea* and follow the instructions that appear on the screen, step by step.

Before enrolment, all candidates must pay a fee of **€50.00** (non refundable) for each application presented. Payment should be made as follows:

- Italian applicants and foreign applicants resident in Italy must make the payment using the payment form (code 36) available on the University's website at <http://www.unimi.it/ricerca/dottorati/3050.htm>. The bank will issue a receipt bearing the authorization code needed to access the service.
- Foreign applicants resident abroad must pay the application fee by bank transfer to account n° 463971, in the name of "Università degli Studi di Milano" (IBAN: IT97G0306909400000000463971 - Swift Code: BCITIT33100). The payment should be accompanied by the following explanatory sentence: "Concorso per l'ammissione al dottorato di ricerca in ... (XXVIII ciclo)" or "Application fee - Ph.D. Program in ... (XXVIII cycle)".

Together with their applications, all foreign applicants and applicants who hold qualifications awarded outside Italy must upload the following documents to the *Sifa* ONLINE facility (files in .pdf .rtf .jpg formats, no larger than 512Kb):

foreign applicants:

- a copy of the receipt of payment of the € 50.00 enrolment fee (only in the case of applicants resident outside Italy);
- copy of passport (only the pages with your personal details).

applicants with **qualifications awarded outside Italy:**

- a degree certificate in Italian or English specifying the examinations passed and the marks awarded for each of them

To complete the admission application, *all applicants* must deliver or submit the documents listed in article 5 below in the manner described herein, by the same deadline of **6 September, 2012**.

Applicants may apply for more than one PhD course at the same time, on condition that they enrol for each one in the above-described manner, including payment of the €50.00 fee for each application presented.

Art. 4 **Facilities for disabled applicants**



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In compliance with Article 20 of Italian Law N° 104, dated 5 February 1992, disabled applicants may, if they consider it opportune, request special aids and/or additional time for carrying out the competition examinations. If they wish to make use of this option, they must send a doctor's certificate testifying to the validity of the request by post no later than the deadline for the competition. The necessary documentation must be sent to: Università degli Studi di Milano – Divisione Segreteria studenti - Ufficio Segreteria Dottorati di ricerca, master e studenti internazionali, via Festa del Perdono N°7 – 20122 Milano.

Art. 5 **Qualifications**

The qualifications and academic publications specified in Article 11, section 7, of the University Regulations governing the Graduate Schools may be presented in the form of the original or of an authenticated photocopy. Applicants from EU member states may also make a declaration on their own responsibility in accordance with Italian Presidential Decree N° 445, dated 28 December 2000 (Appendix A).

The qualifications and academic publications must be delivered or caused to arrive by registered post to the address of the Co-ordinator or of the contact person **no later than 6 September, 2012**. For this purpose, applicants are invited to study the attached tables, each one of which concerns one specific Graduate School course.

It must be stressed that failure to provide one of the following: graduation thesis, if required by the university system of the country in which the qualification was awarded (accompanied by an abstract in English if necessary); details of university career (course examinations passed and final grade); research project and letter(s) of reference (as per the instructions for each PhD course) will result in **exclusion from the competition for admission**.

Letters of reference must be delivered in a sealed envelope, **sent directly by the lecturers or experts** who provide the references, to the address of the Coordinator/Director of the Graduate School, with the exception of the provisions made for the Graduate School in Physics, Astrophysics and Applied Physics in the relative table.

The envelope must be clearly marked as follows: "Lettere di presentazione - Dottorato di ricerca in ..." or "Academic Reference Forms - Ph.D. Program in ...".

The letters must arrive no later than the final deadline set by this announcement (**6 September, 2012**).

Qualifications may be produced in Italian or in English.

Qualifications presented in the form of the originals or of authenticated photocopies will be returned by the university if the applicant so requests. Acting at their own expense, applicants shall retrieve their qualifications and any publications sent to the university within a period of no more than six (6) months after the completion of the competition; once this period has elapsed, the Administration cannot be held in any way responsible for said publications and qualifications.

Art. 6 **Admission examination**

Admission to the PhD course is in two stages: appraisal of the qualifications and an examination.

In the first phase, the Examining Committee evaluates the qualifications for compliance with the criteria established by the PhD Faculty Committee of the Graduate School in question, which are listed in the attached tables referring to each PhD course. Applicants who achieve an appraisal of not less than 12/20, 18/30 or 24/40, according to the criteria adopted for the marking by the Faculty Committee in question, are admitted to the examination.



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The examination comprises an interview – or, in accordance with the specifications listed in the attached tables for each PhD course, two successive tests: one written and one oral – whose purpose is to ascertain the applicant's degree of preparation, skills and aptitude for academic research and personal motivation. The interview also aims to verify the applicant's knowledge in the educational and academic areas specified for the PhD and includes the applicant's formal presentation of the research project (s)he proposes to conduct.

At the Committee's discretion, applicants may be asked to write a short essay, in addition to the interview. In addition, each applicant's familiarity with English and with any other foreign languages listed by the applicant will be verified during the course of the interview.

The interview is only passed if the applicant achieves a mark of not less than 28/40, 21/30 or 14/20, according to the criteria adopted for the marking by the Faculty Committee in question.

At the conclusion of the examination, the Committee shall draw up the overall sequence of merit on the basis of the sum of the marks obtained by the applicants in the appraisal of their qualifications and in the interview.

In cases when the examinations comprise two tests, one written and the other one oral, the same rules apply as those specified for the interview: both the written test and the oral shall only be passed if the applicant achieves a mark of not less than 28/40, 21/30 or 14/20, according to the criteria adopted for the marking by the Faculty Committee in question. In this case, the overall sequence of merit shall be reached by adding the mark achieved by applicants in the appraisal of their qualifications to the average of the marks achieved in the individual tests.

In order to sit the examinations, applicants must show one of the following identity documents: a) identity card; b) passport; c) driving licence (Italian).

Art. 7

Examining committees

The Examination Committees for admission to the PhD courses are formed and appointed in accordance with applicable laws.

At the end of each session devoted to interviews, the Committee shall draw up the list of applicants examined, indicating the marks achieved by each one in the examination. This list shall be signed by the Committee Chairperson and Secretary and attached on the same day to the notice-board in the location where the interviews were held.

At the end of the examination, the Committee shall then compile a general classification of merit on the basis of the sum of the marks achieved by the applicants in the appraisal of their qualifications and in the interview (or, in cases when the examinations comprise two tests, with the average of the marks achieved in the individual tests).

The general classification of merit will be published on the university's website <http://www.unimi.it> under the heading of *SERVIZI ON LINE Sifa - Graduatorie ammissioni* in the days following the exams.

Art. 8

Admission to the courses

Applicants shall be admitted to the courses in order of the classification until the number of places available for the competition for each PhD has been filled. Should two applicants have the same marks, priority shall be given to the younger applicant, save the criterion of priority established for the provision of the PhD scholarship, as per Article 10 of these regulations. The classifications of applicants found to be suitable shall be published on the university's website at <http://www.unimi.it> under the heading of *SERVIZI ON LINE Sifa - Graduatorie ammissioni* in the period following the interviews.



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Applicants admitted to the courses shall lose their entitlement if they fail to make express acceptance within five working days of the date when the classifications are published. In such a case, the place shall be taken by the first applicant in the classification who had not been admitted. Similarly, if any applicant admitted withdraws within three months from the beginning of the course, the place shall be taken by the first applicant in the classification who had not been admitted. In such a case, the scholarship holder who withdraws must return any monthly payment already received. Takeover applicants will be contacted by the Ufficio Segreteria Dottorati di ricerca, master e studenti internazionali and requested to make express acceptance within the three subsequent working days.

Should an applicant be admitted in more than one classification, (s)he must exercise an option for just one PhD course.

In the absence of eligible applicants for any of the Graduate School PhD course, the corresponding places and scholarships may be awarded to applicants who are eligible for enrolment in a different PhD course in compliance with the criteria established by the Board of the Graduate School.

The following shall be admitted to PhD courses as supernumeraries, without any scholarship, to a maximum limit of half the places available, rounded up to the next full unit, provided that they are found to be suitable in the general classification of merit:

- a) holders of research participation stipends at the University of Milan or at additional consortium locations;
- b) employees of public and private concerns with which the University has concluded partnership agreements in compliance with the provisions of the Regulations governing PhD courses;
- c) non-European Union citizens who hold scholarships comparable to those awarded by the university and that are granted for the full length of the PhD courses.

Art. 9 Matriculation

Applicants admitted to PhD courses must enrol online using the *Sifa* ONLINE facility, in accordance with the procedures and deadlines which will be published on the University's website at <http://www.unimi.it/ricerca/dottorati/56986.htm>, during the period of publication of the classifications.

Before enrolling online, PhD students must pay a fee of € 925.00 (inclusive of regional study entitlement tax, accident insurance premium and stamp duty) for access and attendance to PhD courses in the Academic Year 2012-2013. Holders of study scholarships awarded by the University and holders of research participation stipends are exempted from the payment of the fee for access and attendance to PhD courses.

Foreign applicants who do not hold an Italian tax code must download and compile the *Enrolment Form* from the University's website at <http://www.unimi.it/ricerca/dottorati/18532.htm>. The form should then be submitted by fax (0039 02 50313731) or email (international.students@unimi.it) within 5 working days of the publication of the classification, **together with the receipt for payment of the enrolment fee, if due.**

Applicants who hold a foreign academic qualification must also produce the originals and submit copies of the following documents at the International Students' Office, **by the date of matriculation**. The office is located at Via Santa Sofia N° 9/1 – 20122 Milan (opening hours to the public: Monday, Wednesday and Friday from 9.00 a.m. to 12.00 p.m.; Tuesday and Thursday from 1 p.m. to 3.00 p.m.):

- degree certificate translated into Italian by an official translator and certified by the Italian diplomatic representation (Embassy or Consulate) in the country where the qualification was awarded;
- "declaration of local value" obtainable from the same diplomatic representation office;
- a passport-sized photograph;
- their Italian tax code;
- residence permit (for non-EU applicants), to be applied for in the manner provided for by Italian law.



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Applicants who hold a degree awarded by a European University may produce a Diploma Supplement **certified** by the relevant authorities as an alternative to the above-mentioned “declaration of local value”. The University of Milan reserves the right to request the “declaration of local value” should any doubt arise regarding the validity of the degree held by the applicant.

Art. 10 **Scholarships**

In accordance with applicable laws and in the manners stipulated therein, postgraduate students from EU member states and from outside the EU who, in accordance with Article 39, section 5, of Italian Legislative Decree N° 286, dated 25 July 1998, as amended by Article 26 of Italian Law N° 189, dated 30 July 2002, access university courses under the same conditions as Italian students, with a total personal annual income of not more than € 15,000 (excluding occasional and irregular income from freelance work), are entitled to a scholarship worth a gross annual total of **€ 13,638.47**. In accordance with Article 4 of Italian Law N° 476, dated 13 August 1984, the moneys available under this scholarship are not subject to personal income tax, but are subject, for the purposes of national insurance, to the rules specified in Article 2, sections 26 and ff., of Italian Law N° 335, dated 8 August 1995.

Should two or more applicants occupy the same position in the classification of merit, priority shall be accorded to the appraisal of the applicants' economic situation as established in accordance with the Decree of the President of the Council of Ministers issued on 9 April, 2001.

The regional study entitlement tax and an expenses charge of €23.00 (for a total value of € 123.00) will be deducted from the scholarship.

Should the scholarships be funded through agreements with external bodies, the PhD Faculty Committee and these bodies will agree on the study and research program.

Art. 11 **Postgraduate students' obligations**

Postgraduate students are expected to attend the activities provided for their educational curriculum on a regular basis and to dedicate themselves entirely and for the full amount of hours stipulated by the Faculty Committee to the individual and guided study plans and to the execution of the research activities assigned to them.

Normally PhD activities are not compatible with the duties imposed by a full-time job. In exceptional and well-motivated cases, the Academic Senate may, upon request, authorize the admission of postgraduate students to a PhD course despite their job duties, under condition that the Faculty Committee declares their eligibility.

For the purposes of organising the annual verification examinations, postgraduate students are required to present to the Faculty Committee, no later than the date stipulated by said faculty, a written report concerning the research work conducted and the results achieved, as well as their attendance at any seminars and conferences and other academic initiatives, together with any writings they have published.

Art. 12 **Award of the qualification**



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The PhD qualification is awarded at the conclusion of the PhD cycle, at the moment when the final examination is passed, which is subordinate to the presentation of a written thesis (PhD thesis) that provides a documented account of original research, conducted with certainty of method and leading to the emergence of results of sufficient academic relevance.

The university will file the PhD thesis and make it accessible online in full text format through the "Archivio Istituzionale di Ateneo" (AIR). Upon motivated request of any PhD, the PhD thesis may be excluded from online consultation for a period no longer than 18 months, only for exigencies of protection and exploitation of industrial and/or intellectual property rights, having acquired the advice of the relevant tutor.

Art. 13

Treatment and processing of personal information

In accordance with its Regulations issued in application of Italian Legislative Decree N° 196, dated 30 June 2003, the university hereby undertakes to respect the reserved nature of the information provided by applicants: all the information provided will be processed solely for purposes connected with and instrumental to the competition and the management of the applicant's relationship with the university, in compliance with the laws currently in force.

Art. 14

Benchmark legal framework

Any items for which no specific provision has been made in this announcement shall be regulated in accordance with the Italian legislative and regulatory stipulations governing PhDs.

Milan, 26 June, 2012

THE RECTOR
(Enrico Decleva)
Signed Enrico Decleva

Reg. N° 0279818 of 29.06.2012



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GRADUATE SCHOOL OF CHEMICAL SCIENCES AND TECHNOLOGIES

The School's main aims and objectives are:

- to promote training and research in the extensive field of chemical sciences and technologies and of their multiple applications;
- to promote an interdisciplinary and scientifically modern approach to the study of chemical problems, from the laboratory scale to that of the industrial production of all kinds of chemical products (pharmaceuticals, materials, additives, products for agriculture etc.);
- to encourage collaboration between research institutes, advanced training institutes and firms in the sectors of basic and applied chemical sciences;
- to encourage the internationalisation of doctorates by involving foreign lecturers, recruiting postgraduate students from outside Italy, making provision for these to be co-tutored and arranging for the postgraduate students to spend time studying and researching abroad;
- to organise and rationalise the postgraduate students' educational and training activities optimally.

To this end, the system of training credits is applied in the School's educational and training activities. All postgraduate students must acquire at least 45 credits by taking part in the educational and training activities common to the three PhD courses relative to the School and held in English with methods for verifying and recognising the credits, dedicated to the methodological aspects and interdisciplinary perspectives. The activity of academic and training research constitutes the School's most important commitment and will be conducted by the postgraduate students under the guidance of a tutor.

PhD Course in Industrial Chemistry

Area	N° 3 – Chemical Sciences
Academic-disciplinary sectors	CHIM/01 - CHIM/02 - CHIM/03 - CHIM/04 - CHIM/05 - CHIM/06 ING-IND/21 - ING-IND/23 - ING-IND/25
Administrative base	Department of Chemistry
Duration	3 years
Places	12
Scholarships	5 University of Milan 1 from funds made available by the 2011 Youth Project , reserved for research targeting the field of national investigation priority of "Energy saving and distributed micro-generating".
Co-ordinator	Professor Dominique Roberto Department of Chemistry via Golgi N° 19, 20133 Milano
Curricula	1) Physical chemistry and catalysis in industrial processes 2) Synthesis, processes and controls in primary chemistry 3) Industrial electrochemistry and corrosion 4) Synthesis, properties and structure of polymers 5) Synthesis and processes of fine chemistry
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding



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	<p>classes as per Ministerial Decree N° 509/99:</p> <p>LM-8 Industrial biotechnologies LM-13 Pharmacy and industrial pharmacy LM-17 Physics LM-22 Chemical engineering LM-53 Material sciences and engineering LM-54 Chemical sciences LM-71 Sciences and technologies of industrial chemistry</p>
Weighting attributed to marks	<p>Qualifications: up to 30 marks Examinations: up to 30 marks</p>

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> - graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 5 marks - university career (useful examinations passed and graduation mark): up to a maximum of 18 marks - any publications: publications which, at the time of application, have been printed or accepted for publication in journals reviewed by the Institute of Scientific Information (ISI) up to a maximum of 2 marks - any professional experience and other qualifications held by the applicant: up to a maximum of 4 marks This category includes: articles sent for publication; papers presented to conferences; suitably documented experience of working and/or researching in chemical fields - a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application and research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 1 mark
Date of appraisal of qualifications	4 October, 2012
Results of appraisal of qualifications	Available for consultation at the Coordinator's office and on the Graduate School's website at http://users.unimi.it/ScDotChi/index.htm as from 4 October, 2012

Second phase	
Examinations Diary	<p><i>Interview: 8 October, 2012 at 09.00 a.m.</i> in the L. Malatesta lecture theatre, Department of Chemistry, via Golgi N° 19, 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the</p>



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	<p>applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>
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PhD Course in Chemical Sciences

Area	N° 3 – Chemical Sciences
Academic-disciplinary sectors	CHIM/01 - CHIM/02 - CHIM/03 - CHIM/04 - CHIM/05 - CHIM/06 - ING-IND/21 - ING-IND/23 - ING-IND/25
Administrative base	Department of Chemistry
Duration	3 years
Places	16
Scholarships	<p>7 University of Milan</p> <p>1 from funds made available by the 2011 Youth Project, reserved for research targeting the field of national investigation priority of “Advanced Materials (ceramics in particular) for structural applications”.</p> <p>1 financed by the National Research Council, Institute of Molecular Sciences and Technologies (CNR-ISTM) for the research programme “Development and application of theoretical methods for the crystallography of materials within the research project <i>Center for Material Crystallography (CMC)</i>”</p>
Co-ordinator	Professor Silvia Ardizzone Department of Chemistry via Golgi N° 19, 20133 Milano
Curricula	<ol style="list-style-type: none"> 1) Synthesis, reactivity, reaction mechanisms, catalysis 2) Structural chemistry, spectroscopic investigations 3) Theoretical and computational chemistry 4) Solid state, interphase and electrolyte chemistry 5) Chemistry of biologically active compounds, of biotechnologies and of natural substances 6) Chemistry of the environment, chemistry of the cultural heritage 7) Chemistry of materials, chemistry for nanotechnologies, supramolecular chemistry, chemistry for energy
Admission criteria	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-6 Biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-10 Conservation of the architectural and environmental</p>



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	<p>heritage LM-11 Conservation and restoration of the cultural heritage LM-13 Pharmacy and industrial pharmacy LM-17 Physics LM-18 Information technology LM-21 Biomedical engineering LM-22 Chemical engineering LM-30 Energy and nuclear engineering LM-32 Information technology engineering LM-40 Mathematics LM-53 Material sciences and engineering LM-54 Chemical sciences LM-58 Sciences of the universe LM-60 Sciences of nature LM-61 Sciences of human nutrition LM-71 Sciences and technologies of industrial chemistry LM-74 Geological sciences and technologies LM-75 Sciences and technologies for the environment and the landscape LM-79 Geophysical sciences</p>
Weighting attributed to marks	<p>Qualifications: up to 30 marks Examinations: up to 30 marks</p>

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> - graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 5 marks - university career (useful examinations passed and graduation mark): up to a maximum of 18 marks - any publications: publications which, at the time of application, have been printed or accepted for publication in journals reviewed by the Institute of Scientific Information (ISI) up to a maximum of 2 marks - any professional experience and other qualifications held by the applicant: up to a maximum of 4 marks This category includes: articles sent for publication; papers presented to conferences; suitably documented experience of working and/or researching in chemical fields - a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application and research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 1 mark
Date of appraisal of qualifications	4 October, 2012
Results of appraisal of qualifications	Available for consultation at the Coordinator's office and on the Graduate School's website at http://users.unimi.it/ScDotChi/index.htm as from 4 October, 2012



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Second phase	
Examinations Diary	<p><i>Interview: 5 October, 2012 at 09.00 a.m.</i> in lecture theatre D, Department of Chemistry, via Golgi N° 19, 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Chemistry of Pharmaceuticals

Area	N° 3 – Chemical Sciences
Academic-disciplinary sectors	CHIM/03, CHIM/06, CHIM/08, CHIM/09, CHIM/10, CHIM/11
Administrative base	Department of Pharmaceutical Sciences
Duration	3 years
Places	10, divided between the curricula as specified below.
Scholarships	<p>3 University of Milan 2 from funds made available by the 2011 Youth Project, of which:</p> <ul style="list-style-type: none">– one reserved for research targeting the field of national investigation priority of "Human health (study and treatment of tumours and degenerative diseases with new approaches deriving from knowledge of the human genome)"– one reserved for research targeting the field of national investigation priority of "Revitalising the pharmaceuticals industry, also through the fine chemistry of natural compounds for new diagnostic applications and new active ingredients" <p>The scholarships are divided between the curricula as specified below.</p>
Co-ordinator	Professor Ermanno Valoti Department of Pharmaceutical Sciences via Mangiagalli N° 25, 20133 Milano
Curricula with differentiated sequences of merit	1) Design and synthesis of pharmaceuticals places: 4 scholarships: 2



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	<p>2) Pharmaceutical, biopharmaceutical and toxicological analysis places: 2 scholarships: 1</p> <p>3) Special syntheses and chemical-physical characterisation of biologically active products places: 2 scholarships: 1</p> <p>4) Pharmaceutical technology and legislation places: 2 scholarships: 1</p>
Admission criteria	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-13 Pharmacy and industrial pharmacy LM-54 Chemical sciences LM-71 Sciences and technologies of industrial chemistry</p> <p>Applicants who hold a foreign academic qualification may be admitted, on condition that the qualification has been declared equivalent to one of the degrees taken in the above-specified classes.</p>
Weighting attributed to marks	<p>Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks</p>

Students are admitted to the PhD course in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> - graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 5 marks - university career (useful examinations passed and graduation mark): up to a maximum of 18 marks - any publications: publications which, at the time of application, have been printed or accepted for publication in journals reviewed by the Institute of Scientific Information (ISI) up to a maximum of 2 marks - any professional experience and other qualifications held by the applicant: up to a maximum of 4 marks This category includes: articles sent for publication; papers presented to conferences; suitably documented experience of working and/or researching in chemical fields - a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application and research project drawn up by the applicant, which shall not be binding on the subsequent choice of the



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	subject of the PhD thesis: up to a maximum of 1 mark
Date of appraisal of qualifications	2 October, 2012
Results of appraisal of qualifications	Available for consultation at the Coordinator's office and on the Graduate School's website at http://users.unimi.it/ScDotChi/index.htm as from 2 October, 2012

Second phase	
Examinations Diary	<p><i>Interview: 5 October, 2012 at 2.30 p.m.</i> in the Meeting Room of the Department of Pharmaceutical Sciences, via Mangiagalli N° 25, 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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GRADUATE SCHOOL OF BIOLOGICAL AND MOLECULAR SCIENCES

The School's main aims and objectives are:

- to promote training and research in the area of the biomolecular sciences and their biotechnological applications;
- to promote the molecular approach to studying complex biological problems in model prokaryotic and eukaryotic organisms, animals and plants;
- to encourage collaboration between research institutes, advanced training institutes and firms in the sectors of the biomolecular sciences and of biotechnologies;
- to encourage the internationalisation of doctorates by involving foreign lecturers, recruiting postgraduate students from outside Italy, making provision for theses to be co-tutored and arranging for postgraduate students to spend time abroad;

The School's activities will feature three innovative characteristics:

- multidisciplinary;
- links to the business community;
- internationalisation.

The system of training credits is applied in the School's educational and training activities. All postgraduate students must acquire at least 45 credits by taking part in these activities, with methods for verifying and recognising the credits established by the School's Governing Board.

The activity of academic and training research constitutes the School's most important commitment and will be conducted by the postgraduate students under the guidance of a tutor.

PhD Course in Biological and Molecular Sciences

Area	N° 5 – Biological Sciences
Academic-disciplinary sectors	BIO/01 - BIO/04 - BIO/06 - BIO/10 - BIO/11 - BIO/13 - BIO/17 - BIO/18 - BIO/19 - CHIM/11 - INF/01 - MED/04
Administrative base	Department of Biosciences
Duration	3 years
Places	13
Scholarships	10 University of Milan 1 from funds made available by the 2011 Youth Project , reserved for research targeting the field of national investigation priority of "Revitalising the pharmaceuticals industry, also through the fine chemistry of natural compounds for new diagnostic applications and new active ingredients".
Director	Professor Giovanni Dehò (<i>contact person: Ms Margherita Russo</i>) Department of Biosciences via Celoria N° 26, 20133 Milano
Thematic Areas	1. Molecular and biophysical analysis of biological molecules and structures 2. Controlling gene expression in prokaryotes and eukaryotes
Applicants are required to declare	



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<p>their preferred thematic area when presenting their qualification.</p>	<p>3. Functional genomics, bio-informatics and biology of systems 4. Molecular mechanisms used in controlling cellular proliferation and degeneration, differentiation and development.</p> <p>These areas correspond to groups LS1, LS2, LS3, LS5, LS8 and LS9 indicated by the European Research Council (ERC).</p>
<p>Admission criteria</p>	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-6 Biology LM-7 Agricultural biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-13 Pharmacy and industrial pharmacy LM-17 Physics LM-18 Information technology LM-21 Biomedical engineering LM-22 Chemical engineering LM-32 Information technology engineering LM-35 Engineering for the environment and landscape LM-40 Mathematics LM-41 Medicine and surgery LM-42 Veterinary medicine LM-44 Mathematical and physical modelling for engineering LM-46 Dentistry and dental prostheses LM-47 Organisation and management of services for sport and motor activities LM-51 Psychology LM-53 Material sciences and engineering LM-54 Chemical sciences LM-56 Economic sciences LM-58 Sciences of the universe LM-59 Sciences of public, corporate and advertising communication LM-60 Sciences of nature LM-61 Sciences of human nutrition LM-67 Sciences and techniques of preventive and adapted motor activities LM-68 Sciences and techniques of sport LM-69 Agricultural sciences and technologies LM-70 Food sciences and technologies LM-71 Sciences and technologies of industrial chemistry LM-73 Forestry and environmental sciences and technologies LM-74 Geological sciences and technologies LM-75 Sciences and technologies for the environment and the landscape LM-78 Philosophical sciences LM-82 Statistical sciences LM-86 Animal husbandry and technologies LM-92 Theories of communication LM/SNT 1 Nursing and obstetric sciences</p>



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	LM/SNT 2 Rehabilitative sciences of health professions LM/SNT 3 Sciences of technical health professions LM/SNT 4 Sciences of preventive health professions
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Director or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 6 marks. Applicants with a qualification awarded in a country where university regulations do not require the preparation of a graduation thesis must present a brief treatise on the state of the art of a specific aspect related to biosciences which will be discussed in the oral examination. Such applicants will be admitted <i>sub condicione</i> and appraisal of their ability to discuss the above-mentioned treatise will be equivalent to appraisal of a graduation thesis. – university career (useful examinations passed and graduation mark): up to a maximum of 8 marks – any publications and papers presented at conferences: up to a maximum of 3 marks – any professional experience and other qualifications held by the applicant; a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 2 marks. Written in Italian or English, as the applicant prefers, the project should be structured as follows: 1. Abstract (half a page); 2. Scientific background (half a page), 3. Experimental plan (1 page), 4. Bibliography (several essential bibliographical references).
Date of appraisal of qualifications	4 October, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://users.unimi.it/dottscbiolemol/ as from 5 October, 2012 .

Second phase	
Examinations Diary	<p>Interview: from 8 October, 2012 at 9.30 a.m. at the University of Milan - Biological Buildings Lecture Hall <i>ex lauree</i>, 2nd floor Tower A – via Celoria N° 26, 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal</p>



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	notice served on interested parties.
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GRADUATE SCHOOL OF EARTH, ENVIRONMENT AND BIODIVERSITY

The aim of the School is to maintain an adequate third didactic level connected to an advanced training system, so as to be able to respond efficiently and competently to the complex topics of interdisciplinary research related to the life of mankind and organisms, how they relate to the territory and the environment, interpreting their history during the evolution of the earth, natural cycles and interactions between the lithosphere, the biosphere, the hydrosphere and the atmosphere.

The School's aims are:

- to bring together structures that share common ground in terms of didactic areas and research in a School that optimises interdisciplinarity and shared scientific methodologies;
- to establish specific didactic courses and, at the same time, to develop a suitable system of training, credits and appraisal of the curricular activity;
- to develop a nucleus of courses held in English and establish research curricula capable of providing the basis for internationalising the School and encouraging enrolment in its courses by graduates from other Italian and foreign universities;
- to promote interdisciplinarity and the exchange of scientific and didactic experiences between lecturers and postgraduate students from different disciplinary backgrounds, for the purpose of creating a culturally stimulating environment and diversifying and improving the educational programme;
- to establish study and research curricula shared with foreign PhD courses, including issuing an Italian and foreign qualification (co-tutorage);
- to promote and develop programmes aimed at the placement of postgraduate students in international research groups, thus increasing the effectiveness of periods of study and research in foreign countries and contributing to the placement of such students in international research circuits.

The system of training credits is applied in the School's training activities. All postgraduate students must acquire at least 45 credits in the three years provided by taking part in the educational and training activities that will be determined by the Faculty Committee for each PhD course, after consulting the chief lecturer, and co-ordinated by the School's Governing Board.

The activity of academic and training research constitutes the School's most important commitment and will be conducted by the postgraduate students under the guidance of a tutor.

PhD Course in Animal Biology

Area	N° 5 – Biological Sciences
Academic-disciplinary sectors	BIO/05 - BIO/06 - BIO/07 - BIO/09 - VET/06
Administrative base	Department of Biosciences
Duration	3 years
Places	4
Scholarships	2 University of Milan
Co-ordinator	Professor Giulio Melone (<i>contact person: Ms. Raffaella Miccoli</i>) Department of Biosciences via Celoria N° 26, 20133 Milano
Curricula	1) Study of phylogenetic relations



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	<p>2) Morphological and functional aspects 3) Biological cycles, development and stages of resistance 4) Ecology</p>
Admission criteria	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-6 Biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-35 Environmental and landscape engineering LM-42 Veterinary medicine LM-60 Sciences of nature LM-69 Agricultural sciences and technologies LM-73 Forestry and environmental sciences and technologies LM-75 Sciences and technologies for the environment and the landscape LM-86 Animal husbandry and technologies</p>
Weighting attributed to marks	<p>Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks</p>

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> - graduation thesis, if necessary accompanied by an abstract in English, university career (useful examinations passed and graduation mark) and two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 10 marks - any publications and any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks - research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 5 marks
Date of appraisal of qualifications	1 October, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://users.unimi.it/sdtab/ as from 5 October, 2012 .

Second phase	
Examinations Diary	<i>Interview: 8 October, 2012 at 9.30 a.m.</i> in the Department of Biology - via Celoria N° 26, 20133 Milano.



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	<p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>
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PhD Course in Agricultural Ecology

Area	N° 8 – Agricultural Sciences
Academic-disciplinary sectors	AGR/02 - AGR/13 - AGR/16 - BIO/03 - VET/01
Administrative base	Department of Agricultural and Environmental Sciences - Production, Landscape, Agroenergy
Duration	3 years
Places	6
Scholarships	3 University of Milan
Co-ordinator	Professor Graziano Zocchi Department of Agricultural and Environmental Sciences - Production, Landscape, Agroenergy via Celoria N° 2, 20133 Milano
Curricula	1) Agro-forestry areas, natural ecosystems and landscape 2) Soil conservation and plant production 3) Ecology and economics of agricultural production and animal husbandry
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks

Students are admitted to the PhD course in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English, university career (useful examinations passed and graduation mark) and two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 10 marks – any publications and any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the



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	PhD thesis: up to a maximum of 5 marks
Date of appraisal of qualifications	4 October, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://users.unimi.it/sdtab/ as from 5 October, 2012 .

Second phase	
Examinations Diary	<p><i>Interview: 8 October, 2012 at 10.00 a.m.</i> in the Department of Agricultural and Environmental Sciences - Production, Landscape, Agroenergy - via Celoria N° 2, 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Earth Sciences

Area	N° 4 – Geological Sciences
Academic-disciplinary sectors	GEO/01 - GEO/02 - GEO/03 - GEO/04 - GEO/05 - GEO/06 - GEO/07 - GEO/08 - GEO/09 - GEO/10 - GEO/11 - GEO/12
Administrative base	“Ardito Desio” Department of Earth Sciences
Duration	3 years
Places	10
Scholarships	5 University of Milan
Co-ordinator	Professor Elisabetta Erba “Ardito Desio” Department of Earth Sciences via Mangiagalli N° 34, 20133 Milano
Curricula	<ol style="list-style-type: none"> 1) Biostratigraphy, magnetostratigraphy and time scale: development and calibration of dating and correlation systems using palaeobiological bases 2) The geological processes responsible for transforming carbon and carbonates on and below the Earth's surface: the “long-term carbon cycle” 3) The dynamics of active margins: synergy between natural data, experiments and models on microscopic and macroscopic scales 4) Interconnected Sedimentary Systems. The dynamics of erosion and depositing, geomorphic and sedimentary



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	<p>processes and correlated control factors, stratigraphy and palaeogeography of basins, applications</p> <p>5) Environment and Landscape – past and present. Analyses, planning and valorising</p> <p>6) Geomaterials in industry, processes and the economy</p> <p>7) Geophysics</p>
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	<p>Qualifications: up to a maximum of 20 marks</p> <p>Interview: up to a maximum of 40 marks</p>

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English, university career (useful examinations passed and graduation mark) and two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 10 marks – any publications and any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 5 marks
Date of appraisal of qualifications	5 October, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://users.unimi.it/sdtab/ as from 5 October, 2012 .

Second phase	
Examinations Diary	<p>Interview: 8 October, 2012 at 9.30 a.m. in the meeting room of the "Ardito Desio" Department of Earth Sciences - Via Mangiagalli N° 34 - 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Natural and Environmental Sciences

Area	N° 5 – Biological Sciences
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Academic-disciplinary sectors	BIO/03 - BIO/05 - BIO/07 - BIO/09 - GEO/01 - GEO/02 - GEO/04 - MED/43
Administrative base	Department of Biosciences
Duration	3 years
Places	4
Scholarships	2 University of Milan
Co-ordinator	Professor Nicola Saino (<i>contact person: Ms Anna Comolli</i>) Department of Biosciences via Celoria N° 26, 20133 Milano
Curricula	1) Animal and plant communities: evolution and biology of populations 2) Conservation and management of the natural environment 3) Innovative technologies for safeguarding the environment
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English, university career (useful examinations passed and graduation mark) and two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 10 marks – any publications and any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 5 marks
Date of appraisal of qualifications	4 October, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://users.unimi.it/sdtab/ as from 5 October, 2012 .

Second phase	
Examinations Diary	<i>Interview: 8 October, 2012 at 9.30 a.m. in the Department of</i>



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	<p>Biosciences - via Celoria N° 26, 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>
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GRADUATE SCHOOL OF AGRICULTURAL, NUTRITIONAL AND ENVIRONMENTAL MOLECULAR SCIENCES AND BIOTECHNOLOGIES

The aim of the School is to provide students with recognised research and design skills in the area of innovative biotechnologies for the sector of plant production, for both nutritional and non-nutritional purposes, and in the areas of nutritional and agro-nutritional biotechnologies, for the chemistry of the molecules involved in the agricultural and food industry and for the ecology of pest control and xenobiotics. Professional training of this kind can lead to employment in research, in the technology transfer of innovations in public and private research institutes, in firms producing biological raw materials, in biotechnological concerns in the agricultural and food industries, in concerns that preserve and process food products, in food safety and traceability, in the agro-chemical industry, in firms that produce technical supports for such activities and in environmental monitoring, rehabilitation and safety.

The School is distinguished by the segmented and complex expertise provided by its highly qualified faculty staff, which is complemented by the competence of the Italian and foreign professors and researchers who contribute to the School's activities in the form of seminars and short courses, which are almost exclusively offered in English. The School boasts state-of-the-art scientific equipment and facilities. It networks with other scientific bodies, institutions and firms, thus increasing opportunities for job placements and promoting effective internationalisation.

During the three-year course, all postgraduate students are expected to acquire 45 study credits in the structured training activities organised by the School, which are addressed to the areas of research covered by the three PhD courses in question (see following tables). These activities are related to research or support topics (e.g. English, statistics and information technology) which can be shared by all postgraduate students, with the aim of furthering their training, broadening their scientific and methodological horizons and building on the specific topics covered in their own projects. The entire package of structured activities offered by the School, together with individual project work, enables postgraduate students to develop design skills for innovative research in the fields related to the School's scientific and cultural heritage. Postgraduate students will be encouraged to spend a suitable period of time studying and researching at foreign universities and/or research centres.

The School provides a total of **21 places, 9 of them with scholarships**, including the two scholarships financed with the funds made available by the 2011 Youth Project, one assigned to the PhD course in Plant Biology and Productivity of Cultivated Plants and the other to the PhD course in Chemistry, Biochemistry and Ecology of Pesticides, and including 1 scholarship based on funds for the project financed by ENI "Environmental genomics for the biodegradation of chloride solvents" assigned to the PhD course in Chemistry, Biochemistry and Ecology of Pesticides.

For each of the Schools' PhD courses, a Committee has been established to conduct the comparative appraisal of applicants. The scholarships offered will be awarded in accordance with the single sequence of merit covering all three PhD courses.

PhD Course in Plant Biology and Productivity of Cultivated Plants

Area	N° 7 – Agricultural and Veterinary Sciences
Academic-disciplinary sectors	AGR/02 - AGR/03 - AGR/04 - AGR/07 - AGR/12 - AGR/13 - AGR/16 - CHIM/10
Administrative base	Department of Sciences for Foodstuffs, Nutrition and the Environment.
Duration	3 years



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Scholarships	<p>1 from funds made available by the 2011 Youth Project, reserved for research targeting the field of national investigation priority of "Valorising typical agro-nutritional products and food safety using new systems for characterising and guaranteeing quality".</p> <p>This scholarship is one of the 9 available to the School.</p>
Co-ordinator	<p>Professor Piero Attilio Bianco Department of Agricultural and Environmental Sciences - Production, Landscape, Agroenergy via Celoria N° 2, 20133 Milano</p>
Curricula	<ol style="list-style-type: none"> 1) Physiology and pathology of cultivated plants 2) Genetics and biotechnologies of agricultural plants 3) Physiology of fructification, ripening and conservation 4) Agriculture and the environment: integration and reciprocal influences
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	<p>Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks</p>

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> - graduation thesis, accompanied by an abstract in English: up to a maximum of 4 marks - university career (useful examinations passed and graduation mark): up to a maximum of 5 marks - any publications: up to a maximum of 3 marks - any professional experience and other qualifications: up to a maximum of 3 marks - two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 3 marks - research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 12 marks. The research project, drawn up in English or Italian, shall hinge on an original topic of research of current pertinence and be structured as follows: introduction to the topic in its scientific context, relevance of the problem, expected results, arguments, in a maximum length of 20,000 characters.
Date of appraisal of qualifications	1 October, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at www.phdpplantfoodbiotech.it as from 3 October, 2012



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Second phase	
Examinations Diary	<p>Interview: 5 October, 2012 at 9.00 a.m. at the Department of Sciences for Foodstuffs, Nutrition and the Environment - via Celoria N° 2 - 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>Il presente diario delle prove di ammissione costituisce notifica agli interessati.</p>

PhD Course in Biotechnology of Foodstuffs

Area	N° 7 – Agricultural and Veterinary Sciences
Academic-disciplinary sectors	AGR/15 - AGR/16 - BIO/09 - BIO/10 - CHIM/01 - CHIM/06 - CHIM/11
Administrative base	Department of Sciences for Foodstuffs, Nutrition and the Environment.
Duration	3 years
Co-ordinator	Professor Maria Grazia Fortina Department of Sciences for Foodstuffs, Nutrition and the Environment. via Celoria N° 2, 20133 Milano
Curricula	1) Chemistry and biochemistry of foodstuffs 2) Nutritional technology 3) Microbiology
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks

Students are admitted to the PhD course in two phases:

First phase	
Appraisal of qualifications	<ul style="list-style-type: none">– graduation thesis, accompanied by an abstract in English: up to a maximum of 4 marks– university career (useful examinations passed and graduation mark): up to a maximum of 5 marks– any publications: up to a maximum of 3 marks– any professional experience and other qualifications: up to
<u>These qualifications must be delivered to the Co-ordinator no later than the absolute deadline of 6 September, 2012, in accordance</u>	



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<u>with the instructions specified in Article 5 of this announcement.</u>	<p>a maximum of 3 marks</p> <ul style="list-style-type: none">– two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 3 marks– research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 12 marks. The research project, drawn up in English or Italian, shall hinge on an original topic of research of current pertinence and be structured as follows: introduction to the topic in its scientific context, relevance of the problem, expected results, arguments, in a maximum length of 20,000 characters.
Date of appraisal of qualifications	1 October, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at www.phdpplantfoodbiotech.it as from 3 October, 2012

Second phase	
Examinations Diary	<p><i>Interview: 5 October, 2012 at 9.00 a.m.</i> at the Department of Sciences for Foodstuffs, Nutrition and the Environment - via Celoria N° 2 - 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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PhD Course in Chemistry, Biochemistry and Ecology of Pesticides

Area	N° 7 – Agricultural and Veterinary Sciences
Academic-disciplinary sectors	AGR/12 - AGR/13 - AGR/16 - BIO/07 - BIO/10 - CHIM/06 - CHIM/10
Administrative base	Department of Sciences for Foodstuffs, Nutrition and the Environment.
Associated Locations	Catholic University of Milan (Piacenza campus)
Duration	3 years
Scholarships	<p>1 from funds made available by the 2011 Youth Project, reserved for research targeting the field of national investigation priority of “Valorising typical agro-nutritional products and food safety using new systems for characterising and guaranteeing quality”.</p> <p>1 from funds made available by the Project financed by ENI “Environmental genomics for the biodegradation of chloride solvents” for the research programme “Study of the microbial and functional diversity of the process of reductive dehalogenation of chloride pollutants”</p> <p>This scholarship is one of the 9 available to the School.</p>
Co-ordinator	Professor Daniele Daffonchio Department of Sciences for Foodstuffs, Nutrition and the Environment. via Celoria N° 2, 20133 Milano
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks

Students are admitted to the PhD course in two phases:

First phase	
Appraisal of qualifications	<ul style="list-style-type: none"> – graduation thesis, accompanied by an abstract in English: up to a maximum of 4 marks – university career (useful examinations passed and graduation mark): up to a maximum of 5 marks – any publications: up to a maximum of 3 marks – any professional experience and other qualifications: up to a maximum of 3 marks – two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 3 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the
<p><u>These qualifications must be delivered to the Co-ordinator no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	



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	PhD thesis: up to a maximum of 12 marks. The research project, drawn up in English or Italian, shall hinge on an original topic of research of current pertinence and be structured as follows: introduction to the topic in its scientific context, relevance of the problem, expected results, arguments, in a maximum length of 20,000 characters.
Date of appraisal of qualifications	1 October, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at www.phdpplantfoodbiotech.it as from 3 October, 2012

Second phase	
Examinations Diary	<p><i>Interview: 5 October, 2012 at 9.00 a.m.</i> at the Department of Sciences for Foodstuffs, Nutrition and the Environment - via Celoria N° 2 - 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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GRADUATE SCHOOL OF ANIMAL HEALTH AND PRODUCTION: SCIENCE, TECHNOLOGY AND BIOTECHNOLOGIES

The aim of the School is to train young scholars to be capable of using innovative methodologies to develop advanced research which, starting out from an understanding of how animal organisms function, enables them to intervene at different levels for the ultimate purpose of maintaining animal health and fitness, identifying the causes of pathologies, improving production and safeguarding public health by controlling widespread, potentially zoonotic diseases and controlling the healthiness of foods of animal origin, without neglecting the need to protect the environment. In this way, partnerships and exchanges of scientific and didactic experiences between lecturers and postgraduate students from different disciplinary backgrounds will be encouraged, so as to generate a culturally stimulating environment and to diversify and improve the training on offer.

The lecturers involved in the three PhD courses, which constitute a homogeneous nucleus in terms of cultural preparation, areas of scientific interest and methodological approaches, will guarantee a good degree of integration of their training capacities, while maintaining the specific diversities of the areas represented.

PhD Course in Biotechnologies Applied to Veterinary and Animal Husbandry Sciences

Area	N° 7 – Agricultural and Veterinary Sciences
Academic-disciplinary sectors	AGR/17 - AGR/18 - BIO/10 - BIO/11 - BIO/12 - VET/01 - VET/02 - VET/03 - VET/05 - VET/06 - VET/08 - VET/09
Administrative base	Department of Veterinary Sciences for Animal Health, Production and Food Safety
Duration	3 years
Places	8
Scholarships	3 University of Milan 1 from funds made available by the Project “BIOSAFE – RISK ANALYSIS FOR FOOD SAFETY” financed by the CARIPO Foundation
Co-ordinator	Professor Fulvio Gandolfi (<i>contact person: Ms. Carla Tarussello</i>) Department of Veterinary Sciences for Animal Health, Production and Food Safety via Celoria N° 10, 20133 Milano
Curricula	<ol style="list-style-type: none">1) Biotechnologies and methodologies applied to studying biological molecules in organ functions and in biotechnological production processes2) Biotechnologies and methodologies applied to microbiology and immunology, to infectious diseases, to the development of biocompatible materials and to xenotransplants3) Biotechnologies and methodologies applied to the reproduction of animals of veterinary interest4) Biotechnologies and methodologies applied to the genetic



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	improvement, nutrition and feeding of domestic animals
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 5 marks – university career (useful examinations passed and graduation mark): up to a maximum of 3 marks – any publications: up to a maximum of 2 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks – two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 7 marks
Date of appraisal of qualifications	21 September, 2012
Results of appraisal of qualifications	Available for consultation on the website http://www.veterinaria.unimi.it as from 24 September, 2012

Second phase	
Examinations Diary	<p>Interview: 1 October, 2012 at 2.30 p.m. in the library of the Department of Veterinary Sciences for Animal Health, Production and Food Safety - via Celoria N° 10 - 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Veterinary Hygiene and Animal Pathology

Area	N° 7 – Agricultural and Veterinary Sciences
Academic-disciplinary sectors	VET/02 - VET/03 - VET/04 - VET/05 - VET/06



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Administrative base	Department of Veterinary Sciences and Public Health
Duration	3 years
Places	10
Scholarships	<p>3 University of Milan</p> <p>1 from funds made available by the 2011 Youth Project, reserved for research targeting the field of national investigation priority of "Valorising typical agro-nutritional products and food safety using new systems for characterising and guaranteeing quality".</p> <p>1 from funds made available by the Project "BIOSAFE – RISK ANALYSIS FOR FOOD SAFETY" financed by the CARIPLO Foundation</p>
Co-ordinator	<p>Professor Claudio Genchi (<i>contact person Ms. Sonia Dominionì</i>)</p> <p>Department of Veterinary Sciences and Public Health via Celoria N° 10, 20133 Milano</p>
Curricula	<ol style="list-style-type: none"> 1) Comparative pathology of domestic and wild animals 2) Integrated control of parasite-induced diseases 3) Controlling quality and health in animal husbandry production and in processing and marketing foods of animal origin 4) Epidemiology and characterisation of leading pathogenetic mechanisms of infectious diseases among animals of veterinary interest
Admission criteria	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-6 Biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-42 Veterinary medicine LM-86 Animal husbandry and technologies</p>
Weighting attributed to marks	<p>Qualifications: up to a maximum of 20 marks</p> <p>Interview: up to a maximum of 40 marks</p>

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 5 marks – university career (useful examinations passed and graduation mark): up to a maximum of 3 marks – any publications: up to a maximum of 2 marks
<u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than</u>	



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the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.	<ul style="list-style-type: none"> - any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks - two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 1 mark - research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 7 marks
Date of appraisal of qualifications	24 September, 2012
Results of appraisal of qualifications	Available for consultation on the website http://www.veterinaria.unimi.it as from 27 September, 2012

Second phase	
Examinations Diary	<p><i>Interview: 4 October, 2012 at 2.30 p.m.</i> in the Hall on the first floor (ex Office of the Dean of the Faculty of Veterinary Medicine) - via Celoria N° 10 - 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Animal Production

Area	N° 7 – Agricultural and Veterinary Sciences
Academic-disciplinary sectors	AGR10 - AGR17 – AGR18 – AGR19 – AGR20 – VET/04
Administrative base	Department of Agricultural and Environmental Sciences - Production, Landscape, Agroenergy
Duration	3 years
Places	8
Scholarships	3 University of Milan 1 from funds made available by the Project “BIOSAFE – RISK ANALYSIS FOR FOOD SAFETY” financed by the CARIPO Foundation
Co-ordinator	Professor Gianni Matteo Crovetto (<i>contact person: Mr. Alessandro Dellanoce</i>) Department of Agricultural and Environmental Sciences - Production, Landscape, Agroenergy via Celoria N° 2, 20133 Milano



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Curricula	<ol style="list-style-type: none"> 1) Applied ethology 2) Methodologies and biotechnologies applied to animal genetics 3) Production systems and technologies of breeding 4) Zoocultures 5) Animal nutrition and feeding 6) Production and health of tropical animals for sustainable development
Admission criteria	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-6 Biology LM-7 Agricultural biology LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-42 Veterinary medicine LM-69 Agricultural sciences and technologies LM-70 Food sciences and technologies LM-86 Animal husbandry and technologies</p>
Weighting attributed to marks	<p>Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks</p>

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 6 marks – university career (useful examinations passed and graduation mark): up to a maximum of 10 marks – any publications: up to a maximum of 4 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks – two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks – a research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 6 marks
Date of appraisal of qualifications	14 September, 2012
Results of appraisal of qualifications	Available for consultation on the website http://www.veterinaria.unimi.it as from 14 September, 2012

Second phase	
Examinations Diary	<i>Interview: 19 September, 2012 at 10.00 a.m.</i> in the Hall on the first floor (ex Office of the Dean of the Faculty of Veterinary



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	<p>Medicine) - via Celoria N° 10 - 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>
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GRADUATE SCHOOL OF VETERINARY SCIENCES FOR ANIMAL HEALTH AND FOOD SAFETY

A modern approach to third-level training in the areas of the veterinary sciences that come under the remit of this School must take the form of an integrated project tailored to achieve global prevention for mankind, for animals and for the environment. In the first place, it must envisage a three-part or three-sided structure encompassing: the study and control of animal feeds and the methods used to administer them, tested on both animals and the environment; the study and control of animal health, the clinical effects of which, in terms of both physiology and pathology, have been verified; the study and control of products of animal origin, tested with regard to human and environmental health. In general, the scale of the investigations conducted will vary from research projects aimed at using techniques of molecular biological diagnostics, including nanotechnologies, to perceive the finer mechanisms of action of a substance or an effect, to classical clinical, biochemical and pharmacological research projects, the aim of which is to determine the response to an effect or also simply to prevent the occurrence of pathologies rather than cure them.

In order to conduct such research activities, postgraduate students will be able to take advantage of the expertise provided by the School in the fields of anatomy, physiology, genetics, technologies of reproduction, diagnostics and medical and surgical therapy, oncology, animal feeding and nutritional and metabolic pathologies and the application of feed inspection technologies to guarantee the quality of products of animal origin.

The system of training credits is applied in the School's educational and training activities. All postgraduate students must acquire at least 45 credits by taking part in these activities, with methods for verifying and recognising the credits.

The activity of academic and training research constitutes the School's most important commitment and will be conducted by the postgraduate students under the guidance of a tutor.

PhD Course in Animal Nutrition and Food Safety

Area	N° 7 – Agricultural and Veterinary Sciences
Academic-disciplinary sectors	AGR/09 - AGR/10 - AGR/18 - AGR/19 - BIO/10 - VET/01 - VET/02 - VET/04 - VET/07
Administrative base	Department of Veterinary Sciences for Animal Health, Production and Food Safety
Duration	3 years
Places	7
Scholarships	3 University of Milan
Co-ordinator	Professor Valentino Bontempo (<i>contact person: Dr. Luciana Rossi</i>) Department of Veterinary Sciences for Animal Health, Production and Food Safety via Celoria N° 10, 20133 Milano
Curricula	1) Anatomy and physiology of animal nutrition 2) Nutrition and dietology of productive livestock, domestic pets and fauna species 3) Mechanisation of stock farming and technologies for producing animal feeds 4) Relations between nutrition, processing and the quality of



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	products with an animal origin 5) Feed inspection and food safety 6) Chemotherapy and toxicology of domestic animals
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 10 marks – university career (useful examinations passed and graduation mark): up to a maximum of 10 marks – any publications: up to a maximum of 4 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 3 marks – two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 1 mark
Date of appraisal of qualifications	25 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://amaltea.vete.unimi.it/SitoDottorati/home.php as from 26 September, 2012.

Second phase	
Examinations Diary	<p>Interview: 27 September, 2012 at 9.30 a.m. in the Department of Veterinary Sciences for Animal Health, Production and Food Safety (library room – 3rd floor) - via Celoria N° 10 - 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Veterinary Sciences

Area	N° 7 – Agricultural and Veterinary Sciences
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Academic-disciplinary sectors	VET/08 - VET/09 - VET/10
Administrative base	Department of Veterinary Sciences for Animal Health, Production and Food Safety
Duration	3 years
Places	6
Scholarships	2 University of Milan 1 from funds made available by the 2011 Youth Project , reserved for research targeting the field of national investigation priority of "Human health (study and treatment of tumours and degenerative diseases with new approaches deriving from knowledge of the human genome)"
Co-ordinator	Professor Angelo Belloli Department of Veterinary Sciences for Animal Health, Production and Food Safety via Celoria N° 10, 20133 Milano
Curricula	a - <u>Veterinary Medical Clinic</u> 1) Internal medicine of the horse 2) Internal medicine of cattle 3) Internal medicine of domestic pets 4) Internal medicine of non-conventional animals 5) Clinical epidemiology of domestic pets 6) Laboratory diagnostics b - <u>Veterinary Surgical Clinic</u> 7) Orthopaedics and traumatology in domestic pets 8) Surgical and clinical pathology of soft tissues in domestic pets 9) Diagnostics by imaging in domestic pets 10) Anaesthesia and analgesia in domestic pets 11) Surgery of cattle and small ruminants c - <u>Veterinary Obstetric Clinic</u> 12) Obstetric-gynaecological clinic and assisted reproduction of productive livestock 13) Obstetric-gynaecological clinic and assisted reproduction of domestic pets
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in the corresponding classes as per Ministerial Decree N° 509/99: LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-42 Veterinary medicine
Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks

Students are admitted to the PhD course is in two phases:



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First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> - graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 8 marks - university career (useful examinations passed and graduation mark): up to a maximum of 8 marks - any publications: up to a maximum of 4 marks - any professional experience and other qualifications held by the applicant: up to a maximum of 4 marks - two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks - research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 4 marks
Date of appraisal of qualifications	24 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://amaltea.vete.unimi.it/SitoDottorati/home.php as from 25 September, 2012.

Second phase	
Examinations Diary	<p>Written examination: 26 September, 2012 at 9.00 a.m. in the Department of Veterinary Sciences for Animal Health, Production and Food Safety - via Celoria N° 10 - 20133 Milano.</p> <p>-{}-</p> <p>Oral examination: 27 September, 2012 at 9.00 a.m. in the Department of Veterinary Sciences for Animal Health, Production and Food Safety - via Celoria N° 10 - 20133 Milano.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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GRADUATE SCHOOL OF PHYSICS, ASTROPHYSICS AND APPLIED PHYSICS

The aim of the school is to provide a high level of scientific, technological and professional training for students, thus preparing them for careers in research and development in both public and private concerns, in Italy and abroad, particularly in EU countries.

The School offers lessons and cycles of seminars, held by both internal lecturers and by Italian and foreign individuals from universities and public and private bodies, who have been specifically called for this purpose due to their particular expertise in areas of fundamental research and of applied and technological research. Furthermore, the School encourages the participation of at least one international school connected to the area of research chosen by the student.

The students' research activities will take place with Groups connected to the Departments and participating and associated institutions, and also in collaboration with highly respected Italian and international bodies and scientific laboratories, as well as with qualified individuals from the manufacturing world, focusing also on activities which are advantageous from an occupational point of view. Provision is made for internships with Italian and international research laboratories, public institutions and private structures and companies.

The advanced training activities organised by the School will be appraised using the European Credits system, in order to facilitate recognition of the research doctorate qualification in other European countries. Agreements already exist with highly regarded European universities while others are being finalised for common training activities, with mutual recognition of the qualification (web page <http://phd.fisica.unimi.it/international-network/>).

These agreements reinforce the possibility of PhD theses in co-tutorage with foreign, and even non-EU individuals. In the event of co-tutorage and research activities which fall under the agreements stipulated by the School, the student will attain a joint PhD qualification issued by both the University of Milan and its partner universities.

PhD Course in Physics, Astrophysics and Applied Physics

Area	N° 2 – Physical Sciences
Academic-disciplinary sectors	AGR/13 - CHIM/03 - FIS/01 - FIS/02 - FIS/03 - FIS/04 - FIS/05 - FIS/06 - FIS/07 - FIS/08 - INF/01 - ING-INF/01 - ING-INF/05
Administrative base	Department of Physics
Associated Locations	"Sacro Cuore" Catholic University (Brescia campus)
Duration	3 years
Places	33 study places are available, 17 with scholarships, divided into 3 different areas with separate classifications (candidates can apply for admission to one or more areas): <ol style="list-style-type: none">1. General Area: 30 places, 15 with scholarships;2. "ICT and Electronic Components" Area: 2 places, 1 with scholarship;3. "GO Fast" Area: 1 place with scholarship
Scholarships	12 University of Milan 1 from funds made available by the 2011 Youth Project , reserved for research targeting the field of national investigation priority of "ICT and Electronic Components". The activities for this programme are divided into three broad subject areas: <ol style="list-style-type: none">a) Innovative quantum protocols for communication and computing. The innovative field;



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	<p>b) Neural networks: from parton distributions to data mining;</p> <p>c) New integrated circuit (IC) technologies for scientific applications.</p> <p>1 “Sacro Cuore” Catholic University (Brescia campus) from funds made available for the project “GO-FAST - Governing Ultrafast the conductivity in correlated materials” for the research programme “Ultrafast optical control of the conducting properties of strongly-correlated materials”</p> <p>3 funded by the National Institute of Nuclear Physics (INFN)</p> <p>The scholarships are divided between the three areas as shown above.</p>
Director	<p>Professor Marco Bersanelli (<i>contact person Mr Andrea Zanzani</i>) Department of Physics via Celoria N° 16, 20133 Milano</p>
Curricula	<p>1) Physics of matter; 2) Nuclear and particle physics; 3) Fundamental theoretical physics; 4) Astrophysics; 5) Applied physics.</p> <p>Students who pass the admission examination will be assigned to one of these curricula by the Executive Board on the basis of the Study Plan presented.</p>
Admission criteria	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-6 Biology LM-7 Agricultural biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-17 Physics LM-18 Information technology LM-20 Aerospace and aeronautical engineering LM-21 Biomedical engineering LM-22 Chemical engineering LM-23 Civil engineering LM-25 Automation engineering LM-27 Telecommunications engineering LM-28 Electrical engineering LM-29 Electronic engineering LM-30 Energy and nuclear engineering LM-32 Information technology engineering LM-33 Mechanical engineering LM-34 Naval engineering LM-35 Environmental and landscape engineering LM-40 Mathematics LM-44 Mathematical-physical model making for engineering LM-53 Material sciences and engineering</p>



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	LM-54 Chemical sciences LM-58 Sciences of the universe LM-60 Sciences of nature LM-71 Sciences and technologies of industrial chemistry LM-74 Geological sciences and technologies LM-75 Sciences and technologies for the environment and the landscape LM-79 Geophysical sciences LM-82 Statistical sciences
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Director or contact person no later than the absolute deadline of 6 September, 2012</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English; any publications (in single copy with the indication of a website “arXiv on the Web” where the work is reproduced or cited), two letters of reference from lecturers at the applicant’s university of origin or other universities supporting the application (drawn up according to the model available from the School’s website http://phd.fisica.unimi.it/admission/ and sent directly by the lecturers for the attention of the Director of the School at the e-mail address phd@fisica.unimi.it), any professional experience and other qualifications held by the applicant: up to a maximum of 7 marks – university career (useful examinations passed and graduation mark): up to a maximum of 8 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 5 marks. This paper must consist of not less than 3 pages (2,100 words) and not more than 5 (3,500 words), plus diagrams. It must be divided into an overview of the scientific problem and a discussion of the possible developments
Date of appraisal of qualifications	26 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School’s website at http://phd.fisica.unimi.it/admission/ as from 26 September, 2012

Second phase	
Examinations Diary	<i>Interview: from 1 October, 2012 at 9.30 a.m. in the Polvani Lecture Hall, Department of Physics - Via Celoria N° 16 - 20133 Milano.</i>



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	<p>A detailed calendar of the oral tests will be published on the Graduate School's website at http://phd.fisica.unimi.it/admission/ after appraisal of the qualifications submitted by candidates.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>
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UNIVERSITÀ DEGLI STUDI DI MILANO

Area Affari Istituzionali, Internazionali e Formazione

Divisione Formazione Universitaria e Formazione Permanente

GRADUATE SCHOOL OF BIOCHEMICAL, NUTRITIONAL AND METABOLIC SCIENCES

The aim of this School is to pool PhD courses that share certain affinities so as to create and promote synergies in didactic, organisational, logistical and administrative terms.

The main purpose is to provide an adequate structure for PhD course activities, which are designed to provide education and training in the conduct of research. All postgraduate students are required to take part in educational-training activities, in part common to the PhD courses referred to below and in English, dedicated to methodological aspects and interdisciplinary perspectives. The activity of academic and training research constitutes the School's most important commitment and will be conducted by the postgraduate students under the guidance of a tutor.

The School's aims and objectives also include promoting relations with university structures and with recognised international research centres interested in all the sub-areas of biochemical sciences.

The School provides a total of **18 places, 9 of them with scholarships**, including the scholarship financed with the funds made available by the 2011 Youth Project and assigned to the PhD Course in Biochemistry.

For each of the Schools' PhD courses, a Committee has been established to conduct the comparative appraisal of applicants. The scholarships offered will be awarded in accordance with the single sequence of merit covering all three PhD courses.

PhD Course in Biochemistry

Area	N° 5 – Biological Sciences
Academic-disciplinary sectors	BIO/10 - BIO/11 - BIO/12
Administrative base	Department of Sciences for Foodstuffs, Nutrition and the Environment.
Duration	3 years
Scholarships	1 from funds made available by the 2011 Youth Project , reserved for research targeting the field of national investigation priority of "Human health (study and treatment of tumours and degenerative diseases with new approaches deriving from knowledge of the human genome)" -{}- This scholarship is one of the 9 available to the School.
Co-ordinator	Professor Francesco Bonomi (<i>contact person: Patrizia Belloni</i>) Department of Sciences for Foodstuffs, Nutrition and the Environment. via Celoria N° 2, 20133 Milano
Curricula	1) Chemistry of biochemically relevant, biologically active compounds, structure and function of proteins and enzymes 2) Regulating gene transcription 3) Signal transduction mechanisms 4) Biochemistry of lipids and of biological membranes 5) Biochemistry of foods 6) Functional proteomics



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Admission criteria	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-6 Biology LM-7 Agricultural biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-13 Pharmacy and industrial pharmacy LM-17 Physics LM-41 Medicine and surgery LM-42 Veterinary medicine LM-46 Dentistry and dental prostheses LM-54 Chemical sciences LM-60 Sciences of nature LM-61 Sciences of human nutrition LM-69 Agricultural sciences and technologies LM-70 Food sciences and technologies LM-86 Animal husbandry and technologies LM/SNT 3 Sciences of technical health professions</p>
Weighting attributed to marks	<p>Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks</p>

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to professor Sandro Sonnino (contact person Ms. Patrizia Belloni), Department of Medical Biotechnologies and Translational Medicine – via Fratelli Cervi N° 93, 20090 Segrate (MI) no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement</u></p>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 4 marks – university career (useful examinations passed and graduation mark): up to a maximum of 4 marks, of which 1 for honours – any publications: up to a maximum of 2 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks – a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 6 marks. The research project, drawn up in English, shall hinge on an original topic of research of current pertinence and be structured as follows: introduction to the topic in its scientific context, relevance of the problem, expected results, arguments.
Date of appraisal of qualifications	5 October, 2012
Results of appraisal of qualifications	<p>Available for consultation as from 5 October, 2012 on the Graduate School's portal at: http://users.unimi.it/chbiomed/curriculum/sonnino/pagina_inizio.htm and at the facilities in via Balzaretti N° 9 – 20133 Milano.</p>



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Second phase	
Examinations Diary	<p>Interview: 8 October, 2012 at 10.00 a.m. in the <i>Sala del Consiglio</i> (first floor) - via Balzaretti N° 9, 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Physiopathology, Pharmacology, Clinic and Therapy of Metabolic Diseases

Area	N° 6 – Medical Sciences
Academic-disciplinary sectors	BIO/14 - MED/06 - MED/07 - MED/09 - MED/12 - MED/14 - MED/15 - MED/16 - MED/18 - MED/21 - MED/24 - MED/25 - MED/26 - MED/30 - MED/33 - MED/38 - M-PSI/08
Administrative base	Department of Health Sciences
Duration	3 years
Co-ordinator	Professor Anna Maria Di Giulio (<i>contact person Ms Patrizia Belloni</i>) Department of Health Sciences via A. di Rudinì N° 8, 20142 Milano
Curricula	1) Physiopathology and pharmacology of metabolic diseases 2) Clinic and therapy of the various metabolic diseases studied
Admission criteria	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-6 Biology LM-7 Agricultural biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-13 Pharmacy and industrial pharmacy LM-17 Physics LM-41 Medicine and surgery LM-42 Veterinary medicine LM-46 Dentistry and dental prostheses LM-54 Chemical sciences LM-60 Sciences of nature LM-61 Sciences of human nutrition</p>



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	LM-69 Agricultural sciences and technologies LM-70 Food sciences and technologies LM-86 Animal husbandry and technologies LM/SNT 3 Sciences of technical health professions
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks

Students are admitted to the PhD course in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to professor Sandro Sonnino (contact person Ms. Patrizia Belloni), Department of Medical Biotechnologies and Translational Medicine – via Fratelli Cervi N° 93, 20090 Segrate (MI) no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 4 marks – university career (useful examinations passed and graduation mark): up to a maximum of 4 marks, of which 1 for honours – any publications: up to a maximum of 2 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks – a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 6 marks. The research project, drawn up in English, shall hinge on an original topic of research of current pertinence and be structured as follows: introduction to the topic in its scientific context, relevance of the problem, expected results, arguments.
Date of appraisal of qualifications	5 October, 2012
Results of appraisal of qualifications	Available for consultation as from 5 October, 2012 on the Graduate School's portal at: http://users.unimi.it/chbiomed/curriculum/sonnino/pagina_inizio.htm and at the facilities in via Balzaretti N° 9 – 20133 Milano.

Second phase	
Examinations Diary	<p>Interview: 8 October, 2012 at 10.00 a.m. in the <i>Sala del Consiglio</i> (first floor) - via Balzaretti N° 9, 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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Area	N° 5 – Biological Sciences
Academic-disciplinary sectors	AGR/15 - AGR/16 - AGR/18 - BIO/09 - BIO/10 - BIO/12 - MED/09 - MED/12 - MED/28 - MED/38 - MED/49
Administrative base	Department of Sciences for Foodstuffs, Nutrition and the Environment.
Duration	3 years
Co-ordinator	Professor Maria Ambrogina Pagani (<i>contact person Ms. Patrizia Belloni</i>) Department of Sciences for Foodstuffs, Nutrition and the Environment. via Celoria N° 2, 20133 Milano
Curricula	1) Experimental Nutrition 2) Clinical nutrition
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-6 Biology LM-7 Agricultural biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-13 Pharmacy and industrial pharmacy LM-17 Physics LM-41 Medicine and surgery LM-42 Veterinary medicine LM-46 Dentistry and dental prostheses LM-54 Chemical sciences LM-60 Sciences of nature LM-61 Sciences of human nutrition LM-69 Agricultural sciences and technologies LM-70 Food sciences and technologies LM-86 Animal husbandry and technologies LM/SNT 3 Sciences of technical health professions
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications	– graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 4 marks
<u>These qualifications must be delivered to professor Sandro Sonnino (contact person Ms.</u>	– university career (useful examinations passed and graduation mark): up to a maximum of 4 marks, of which 1 for honours



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<p><u>Patrizia Belloni</u>), Department of Medical Biotechnologies and Translational Medicine – via Fratelli Cervi N° 93, 20090 Segrate (MI) no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement</p>	<ul style="list-style-type: none"> – any publications: up to a maximum of 2 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks – a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 6 marks. The research project, drawn up in English, shall hinge on an original topic of research of current pertinence and be structured as follows: introduction to the topic in its scientific context, relevance of the problem, expected results, arguments.
<p>Date of appraisal of qualifications</p>	<p>5 October, 2012</p>
<p>Results of appraisal of qualifications</p>	<p>Available for consultation as from 5 October, 2012 on the Graduate School's portal at: http://users.unimi.it/chbiomed/curriculum/sonnino/pagina_inizio.htm and at the facilities in via Balzaretti N° 9 – 20133 Milano.</p>

<p>Second phase</p>	
<p>Examinations Diary</p>	<p><i>Interview: 8 October, 2012 at 10.00 a.m.</i> in the <i>Sala del Consiglio</i> (first floor) - via Balzaretti N° 9, 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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GRADUATE SCHOOL OF TECHNOLOGICAL INNOVATION FOR AGRICULTURAL, NUTRITIONAL AND ENVIRONMENTAL SCIENCES

The School's aim is to use research to delve deeper into the areas related to the introduction of technological innovation into the system of agriculture, food and the environment.

The School offers the following courses of study:

- a) Agricultural Engineering, which aims to train postgraduates to conduct research in the areas of rural construction, applied physics, agricultural machinery and mechanisation, physical planning of the landscape, hydraulics and hydrology of the soil and the environment, hydraulic and hydraulic-forestry organisation;
- b) Agricultural Economics, which aims to train postgraduates to conduct research in the areas of the economics of agricultural concerns, the economics of agricultural and animal husbandry production, the economy and policies of the agricultural system, the economy and policies of the environment, rural appraisal;
- c) Food Technology, which aims to train postgraduates to conduct research in the areas of process and product, integrated food quality and safety management and innovation in food packaging and distribution logistics.

All postgraduate students must acquire at least 45 credits by taking part in the educational and training activities, with methods for verifying and recognising the credits established by the School's Governing Board.

The activity of academic and training research constitutes the School's most important commitment and will be conducted by the postgraduate students under the guidance of a tutor.

In order to encourage the learning of languages and, above all, the internationally-recognised *modus operandi* used in specific research sectors, postgraduate students will be encouraged to spend several months studying abroad. Such foreign study programmes will be arranged with tutors and authorised by the faculty committee.

PhD Course in Technological Innovation for Agricultural, Nutritional and Environmental Sciences

Area	N° 7 – Agricultural and Veterinary Sciences
Academic-disciplinary sectors	AGR/01 - AGR/08 - AGR/09 - AGR/10 - AGR/15 - AGR/16
Administrative base	Department of Agricultural and Environmental Sciences - Production, Landscape, Agroenergy
Duration	3 years
Places	8
Scholarships	4 University of Milan
Director	Professor Roberto Pretolani Department of Economics, Management and Quantitative Methods via Celoria N° 2, 20133 Milano
Admission criteria	All classes of Masters degrees



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Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks
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Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Director no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> - graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 13 marks - university career (useful examinations passed and graduation mark): up to a maximum of 7 marks - any publications: up to a maximum of 3 marks - any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks - a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 1 mark - research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 1 mark
Date of appraisal of qualifications	1 October, 2012
Results of appraisal of qualifications	Available for consultation as from 2 October, 2012 on the Graduate School's website at: http://users.unimi.it/innotec/index.php

Second phase	
Examinations Diary	<p>Interview: 8 October, 2012 at 9.30 a.m. in the Department of Agricultural and Environmental Sciences - Production, Landscape, Agroenergy - via Celoria N° 2 - 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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GRADUATE SCHOOL OF LEGAL SCIENCES

The aim of the School is to train highly-qualified researchers, capable of conducting research and professional activities, including non-academic activities, which require a high degree of scientific preparation. Therefore, the School encourages postgraduate students to take part in training activities which will improve their employment prospects and help to foster their aptitude for international collaboration. This will also involve study periods at foreign universities and scientific structures.

The system of training credits is applied in the School's education and training activities. All postgraduate students must acquire at least 45 credits by taking part in the educational and training activities, with methods for verifying and recognising the credits established by the School's Governing Board. The activity of academic and training research constitutes the School's most important commitment and will be conducted by the postgraduate students under the guidance of a tutor.

The School also sets out to be a centre of scientific and cultural debate which, through appropriate programmes, promotes the integration of various spheres of knowledge in an interdisciplinary approach. A further aim of the School is to promote exchange relations with recognised international research centres operating in the sectors which fall under the heading of legal sciences.

The PhD Course in Legal Sciences is structured in the following curricula:

- Administrative law;
- Civil law;
- Commercial law;
- Comparative law;
- Constitutional law;
- Ecclesiastical and canon law;
- International law;
- European Union law;
- Labour law;
- Industrial law;
- Italian criminal and comparative law;
- Civil procedure;
- Criminal procedure;
- Roman law and ancient laws
- Philosophy of law;
- Sociology of law;
- History of medieval and modern law.

Applicants may apply for admission to one curriculum only. A classification of merit will be drawn up for each individual curriculum.

PhD COURSE IN LEGAL SCIENCES

Area: N° 12 – Legal Sciences

Administrative base: Department of Private Law and History of Law

Curriculum in Administrative Law	
Academic-disciplinary sectors	IUS/10



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Associated Locations	University of Torino "Sacro Cuore" Catholic University (Milan campus) University of Padua University of Insubria
Duration	3 years
Places	2
Scholarships	1 University of Milan
Curriculum supervisor	Professor Erminio Ferrari (<i>secretary: Ms. Veronica Rota</i>) Department of Italian and Supranational Public Law via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LMG/01 Law LM-62 Political sciences LM-63 Public administration sciences
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks – any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	14 September, 2012
Results of appraisal of qualifications	Available for consultation as from 17 September, 2012 on the Graduate School's website at http://scienzeigiuridichephd.ariel.ctu.unimi.it and on the website http://www.dirppie.unimi.it/



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Second phase	
Examinations Diary	<p>Written examination: 1 October, 2012 at 9.00 a.m. in the “Crociera Alta di Giurisprudenza” Lecture Hall - via Festa del Perdono N° 7– 20122 Milano</p> <p>Oral examination: 2 October, 2012 at 9.00 a.m. in the “Crociera Alta di Giurisprudenza” Lecture Hall - via Festa del Perdono N° 7– 20122 Milano</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

Curriculum in Civil Law	
Academic-disciplinary sectors	IUS/01
Associated Locations	University of Brescia University of Insubria University of Urbino
Duration	3 years
Places	2
Scholarships	1 University of Milan
Curriculum supervisor	Professor Chiara Tenella Sillani (secretariat: Ms. Maria Luisa Taloni and Dr. Emanuela Pretalli) Department of Private Law and History of Law via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in the class LMG/01 Law as per Ministerial Decree N° 270/2004, or in the corresponding class as per Ministerial Decree N° 509/99:
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications	<ul style="list-style-type: none"> – applicant’s graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks – any publications, any professional experience and other
<u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later</u>	



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<p><u>than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<p>qualifications held by the applicant: up to a maximum of 5 marks</p> <ul style="list-style-type: none"> - a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark - research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	18 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzegiuridichephd.ariel.ctu.unimi.it as from 20 September, 2012

Second phase	
Examinations Diary	<p><i>Written examination: 25 September, 2012 at 1.00 p.m.</i> at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p><i>Oral examination: 26 September, 2012 at 3.00 p.m.</i> at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

Curriculum in Commercial Law	
Academic-disciplinary sectors	IUS/04
Duration	3 years
Places	2
Scholarships	1 University of Milan
Curriculum supervisor	Professor Roberto Sacchi (<i>Secretariat Ms. Maria Luisa Taloni and Dr. Emanuela Pretalli</i>) Department of Private Law and History of Law via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in the class LMG/01 Law as per Ministerial Decree N° 270/2004, or in the corresponding class as per Ministerial Decree N° 509/99:



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Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks
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Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks – any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	17 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzegiuridichephd.ariel.ctu.unimi.it as from 20 September, 2012

Second phase	
Examinations Diary	<p>Written examination: 24 September, 2012 at 9.00 a.m. at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>Oral examination: 25 September, 2012 at 11.00 a.m. at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

Curriculum in Comparative Law	
Academic-disciplinary sectors	IUS/02



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Associated Locations	University of Insubria University of Brescia
Duration	3 years
Places	4
Scholarships	1 University of Milan 1 from funds made available by the Project “GOING EAST. Enhancing Asian research cooperation in higher education for the challengers of global markets” financed by the CARIPO Foundation
Curriculum supervisor	Professor Barbara Pozzo (<i>Secretariat Ms. Maria Luisa Taloni and Dr. Emanuela Pretalli</i>) c/o Department of Private Law and History of Law via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LMG/01 Law LM-38 Modern languages for communication and international cooperation
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks – any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	18 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzeigiuridichephd.ariel.ctu.unimi.it as from 20 September, 2012



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Second phase	
Examinations Diary	<p><i>Written examination: 25 September, 2012 at 1.00 p.m.</i> at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p><i>Oral examination: 26 September, 2012 at 3.00 p.m.</i> at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

Curriculum in Constitutional Law	
Academic-disciplinary sectors	IUS/05 - IUS/08 - IUS/09 - IUS/21
Duration	3 years
Places	2
Scholarships	1 University of Milan
Curriculum supervisor	Professor Lorenza Violini (<i>secretary: Ms. Veronica Rota</i>) Department of Italian and Supranational Public Law via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-52 International relations LM-56 Economic sciences LM-62 Political sciences LM-63 Public administration sciences LM-78 Philosophical sciences LM-84 Historical sciences LM-90 European studies LMG/01 Law
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks



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Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none">- applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks- any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks- a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark- research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	14 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzeigiuridichephd.ariel.ctu.unimi.it as from 17 September, 2012

Second phase	
Examinations Diary	<p><i>Written examination: 1 October, 2012 at 9.00 a.m.</i> in the "Crociera Alta di Giurisprudenza" Lecture Hall - via Festa del Perdono N° 7- 20122 Milano</p> <p><i>Oral examination: 2 October, 2012 at 9.00 a.m.</i> in the "Crociera Alta di Giurisprudenza" Lecture Hall - via Festa del Perdono N° 7- 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

Curriculum in Ecclesiastical and Canon Law	
Academic-disciplinary sectors	IUS/11
Duration	3 years
Places	2



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Scholarships	1 University of Milan
Curriculum supervisor	Professor Giuseppe Casuscelli (<i>secretary: Ms. Barbara Paolucci</i>) "Cesare Beccaria" Department of Law Sciences via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in the class LMG/01 Law as per Ministerial Decree N° 270/2004, or in the corresponding class as per Ministerial Decree N° 509/99:
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks – any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	26 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzeigiuridichephd.ariel.ctu.unimi.it as from 27 September, 2012

Second phase	
Examinations Diary	<p><i>Written examination: 4 October, 2012 at 9.30 a.m.</i> in the "Cesare Beccaria" Department of Law Sciences - via Festa del Perdono N° 7– 20122 Milano</p> <p><i>Oral examination: 5 October, 2012 at 9.30 a.m.</i> in the "Cesare Beccaria" Department of Law Sciences - via Festa del Perdono N° 7– 20122 Milano</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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Curriculum in International Law	
Academic-disciplinary sectors	IUS/13
Associated Locations	University of Torino University of Cagliari University of Messina
Duration	3 years
Places	2
Scholarships	1 University of Milan
Curriculum supervisor	Professor Marco Pedrazzi Department of International, Legal, Historical and Political Studies via Conservatorio N° 7, 20122 Milano
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-52 International relations LM-62 Political sciences LM-81 Development cooperation sciences LM-90 European studies LMG/01 Law
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Curriculum supervisor no later than the absolute deadline of 06.09.12, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> – applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks – any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark



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	– research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	18 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzeigiuridichephd.ariel.ctu.unimi.it as from 19 September, 2012

Second phase	
Examinations Diary	<p><i>Written examination: 24 September, 2012 at 9.30 a.m.</i> at the Department of Italian and Supranational Public Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p><i>Oral examination: 27 September, 2012 at 9.00 a.m.</i> at the Department of Italian and Supranational Public Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

Curriculum in European Union Law	
Academic-disciplinary sectors	IUS/14
Associated Locations	University of the Aosta Valley
Duration	3 years
Places	4
Scholarships	2 University of Milan
Curriculum supervisor	Professor Bruno Nascimbene Department of Italian and Supranational Public Law via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-52 International relations LM-62 Political sciences



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	LM-81 Development cooperation sciences LM-90 European studies LMG/01 Law
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Curriculum supervisor no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none">– applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks– any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks– a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark– research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	18 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzegiuridichephd.ariel.ctu.unimi.it as from 19 September, 2012

Second phase	
Examinations Diary	<p>Written examination: 24 September, 2012 at 9.30 a.m. at the Department of Italian and Supranational Public Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>Oral examination: 27 September, 2012 at 9.00 a.m. at the Department of Italian and Supranational Public Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

Curriculum in Labour Law



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Academic-disciplinary sectors	IUS/07
Duration	3 years
Places	4
Scholarships	2 University of Milan
Curriculum supervisor	Professor Maria Teresa Carinci (<i>secretary: Dr. Michela Zanoni</i>) Department of Private Law and History of Law via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in the class LMG/01 Law as per Ministerial Decree N° 270/2004, or in the corresponding class as per Ministerial Decree N° 509/99:
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks – any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	17 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzegiuridichephd.ariel.ctu.unimi.it as from 20 September, 2012

Second phase	
Examinations Diary	<p><i>Written examination: 24 September, 2012 at 9.00 a.m.</i> at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p><i>Oral examination: 25 September, 2012 at 11.00 a.m.</i> at the</p>



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	<p>Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>
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Curriculum in Industrial Law	
Academic-disciplinary sectors	IUS/04
Duration	3 years
Places	4
Scholarships	2 University of Milan
Curriculum supervisor	Dr. Silvia Giudici (<i>Secretariat Ms. Maria Luisa Taloni and Dr. Emanuela Pretalli</i>) Department of Private Law and History of Law via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in the class LMG/01 Law as per Ministerial Decree N° 270/2004, or in the corresponding class as per Ministerial Decree N° 509/99:
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> – applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks – any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	17 September, 2012



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Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzeigiuridichephd.ariel.ctu.unimi.it as from 20 September, 2012
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Second phase	
Examinations Diary	<p><i>Written examination: 24 September, 2012 at 9.00 a.m.</i> at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p><i>Oral examination: 25 September, 2012 at 11.00 a.m.</i> at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

Curriculum in Italian Criminal and Comparative Law	
Academic-disciplinary sectors	IUS/17
Duration	3 years
Places	2
Scholarships	1 University of Milan
Curriculum supervisor	Professor Francesco Viganò (<i>secretary: Dr. Katia Righini</i>) "Cesare Beccaria" Department of Law Sciences via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in the class LMG/01 Law as per Ministerial Decree N° 270/2004, or in the corresponding class as per Ministerial Decree N° 509/99:
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications	– applicant's graduation thesis, if necessary accompanied by



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<p><u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<p>an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks</p> <ul style="list-style-type: none"> – any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	20 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzeigiuridichephd.ariel.ctu.unimi.it and on the website http://users.unimi.it/beccaria/ as from 24 September, 2012

Second phase	
Examinations Diary	<p><i>Written examination: 1 October, 2012 at 9.30 a.m.</i> in the "Cesare Beccaria" Department of Law Sciences - via Festa del Perdono N° 7– 20122 Milano</p> <p><i>Oral examination: 2 October, 2012 at 9.30 a.m.</i> in the "Cesare Beccaria" Department of Law Sciences - via Festa del Perdono N° 7– 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

Curriculum in Civil Procedure	
Academic-disciplinary sectors	IUS/15
Associated Locations	University of Bergamo University of Insubria University of Padua
Duration	3 years
Places	4
Scholarships	2 University of Milan



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Curriculum supervisor	Professor Maria Francesca Ghirga (<i>secretary: Ms. Viviana Ghisalberti</i>) c/o Department of Italian and Supranational Public Law via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in the class LMG/01 Law as per Ministerial Decree N° 270/2004, or in the corresponding class as per Ministerial Decree N° 509/99:
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks – any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	20 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzeigiuridichephd.ariel.ctu.unimi.it and on the website http://www.dirppie.unimi.it/ as from 21 September, 2012

Second phase	
Examinations Diary	<p>Written examination: 24 September, 2012 at 10.00 a.m. at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>Oral examination: 25 September, 2012 at 10.00 a.m. at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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Curriculum in Criminal Procedure	
Academic-disciplinary sectors	IUS/16
Duration	3 years
Places	2
Scholarships	1 University of Milan
Curriculum supervisor	Professor Daniela Vigoni (<i>secretary: Dr. Katia Righini</i>) "Cesare Beccaria" Department of Law Sciences via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in the class LMG/01 Law as per Ministerial Decree N° 270/2004, or in the corresponding class as per Ministerial Decree N° 509/99:
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks – any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	20 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzegiuridichephd.ariel.ctu.unimi.it and on the website http://users.unimi.it/beccaria/ as from 24 September, 2012

Second phase



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Examinations Diary	<p>Written examination: 1 October, 2012 at 9.30 a.m. in the “Cesare Beccaria” Department of Law Sciences - via Festa del Perdono N° 7– 20122 Milano</p> <p>Oral examination: 2 October, 2012 at 9.30 a.m. in the “Cesare Beccaria” Department of Law Sciences - via Festa del Perdono N° 7– 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>
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Curriculum in Roman Law and Ancient Laws	
Academic-disciplinary sectors	IUS/18
Duration	3 years
Places	4
Scholarships	2 University of Milan
Curriculum supervisor	Professor Iole Fagnoli (<i>secretary: Ms. Maria Luisa Taloni</i>) Department of Private Law and History of Law via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in the class LMG/01 Law as per Ministerial Decree N° 270/2004, or in the corresponding class as per Ministerial Decree N° 509/99:
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in</u></p>	<ul style="list-style-type: none"> – applicant’s graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks – any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – a letter of reference from lecturers at the applicant’s



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<u>Article 5 of this announcement.</u>	<p>university of origin or another university supporting the application: up to a maximum of 1 mark</p> <p>– research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks</p>
Date of appraisal of qualifications	20 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzegiuridichephd.ariel.ctu.unimi.it as from 21 September, 2012

Second phase	
Examinations Diary	<p>Written examination: 24 September, 2012 at 10.00 a.m. at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>Oral examination: 25 September, 2012 at 10.00 a.m. at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

Curriculum in Philosophy of Law	
Academic-disciplinary sectors	IUS/20
Associated Locations	University of Genoa University of Pavia University of Cagliari University of Milan-Bicocca
Duration	3 years
Places	4
Scholarships	2 University of Milan
Curriculum supervisor	Professor Claudio Luzzati (<i>secretary: Ms. Dania Freschi</i>) "Cesare Beccaria" Department of Law Sciences via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in one of the following classes as per



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	<p>Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-62 Political sciences LM-78 Philosophical sciences LMG/01 Law</p>
Weighting attributed to marks	<p>Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks</p>

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> – applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks – any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	26 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzegiuridichephd.ariel.ctu.unimi.it as from 27 September, 2012

Second phase	
Examinations Diary	<p>Written examination: 4 October, 2012 at 9.30 a.m. in the "Cesare Beccaria" Department of Law Sciences - via Festa del Perdono N° 7– 20122 Milano</p> <p>Oral examination: 5 October, 2012 at 9.30 a.m. in the "Cesare Beccaria" Department of Law Sciences - via Festa del Perdono N° 7– 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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Curriculum in Sociology of Law	
Academic-disciplinary sectors	IUS/20 – SPS/12
Associated Locations	University of Bari University of Cagliari University of Genoa University of Urbino "Carlo Bo"
Duration	3 years
Places	2
Scholarships	1 University of Milan
Curriculum supervisor	Professor Letizia Mancini (<i>secretary: Ms. Dania Freschi</i>) "Cesare Beccaria" Department of Law Sciences via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-62 Political sciences LM-88 Sociology and social research LMG/01 Law
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks – any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	26 September, 2012



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Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzeigiuridichephd.ariel.ctu.unimi.it as from 27 September, 2012
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Second phase	
Examinations Diary	<p><i>Written examination: 4 October, 2012 at 9.30 a.m.</i> in the "Cesare Beccaria" Department of Law Sciences - via Festa del Perdono N° 7– 20122 Milano</p> <p><i>Oral examination: 5 October, 2012 at 9.30 a.m.</i> in the "Cesare Beccaria" Department of Law Sciences - via Festa del Perdono N° 7– 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

Curriculum in History of Medieval and Modern Law	
Academic-disciplinary sectors	IUS/19
Associated Locations	University of Torino University of Bologna University of Rome-La Sapienza University of Catania
Duration	3 years
Places	2
Scholarships	1 University of Milan
Curriculum supervisor	Professor Maria Gigliola di Renzo (<i>secretary: Dr. Emanuela Pretalli and Ms. Maria Luisa Taloni</i>) Department of Private Law and History of Law via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in the class LMG/01 Law as per Ministerial Decree N° 270/2004, or in the corresponding class as per Ministerial Decree N° 509/99:
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:



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First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Curriculum supervisor or the secretary no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none">– applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 11 marks– any publications, any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks– a letter of reference from lecturers at the applicant's university of origin or another university supporting the application: up to a maximum of 1 mark– research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	20 September, 2012
Results of appraisal of qualifications	Available for consultation on the Graduate School's website at http://scienzeigiuridichephd.ariel.ctu.unimi.it as from 21 September, 2012

Second phase	
Examinations Diary	<p><i>Written examination: 24 September, 2012 at 10.00 a.m.</i> at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p><i>Oral examination: 25 September, 2012 at 10.00 a.m.</i> at the Department of Private Law and History of Law - via Festa del Perdono N° 7 – 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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GRADUATE SCHOOL OF "HUMANAE LITTERAE. THEORIES AND METHODS OF ARTISTIC, PHILOLOGICAL, PHILOSOPHICAL, GEOGRAPHIC, LITERARY, LINGUISTIC AND HISTORICAL DISCIPLINES"

The Graduate School of *Humanae Litterae* enables the coordination and harmonisation, on an educational and organisational level, of the following postgraduate courses:

1. Classics;
2. Philosophy;
3. Foreign languages, literatures and cultures;
4. Cultural and environmental heritage studies;
5. History of Italian language and literature;
6. Historical and documentary studies (medieval, modern and contemporary ages).

The aim of the Graduate School is to provide a high level of scientific training in the archaeological, artistic, philological, philosophical, geographical, literary, linguistic, musicological and historical sectors, as well as in the disciplines of the performing arts. Students' areas of specialised knowledge will be enriched by a vast cultural horizon, enabling it to be used in various professional spheres in addition to the academic environment:

means of mass communication, cultural organizations and public and private research institutes, publishing houses, on-line publishing, libraries, ancient and modern archives, museums, environmental communication, regional bodies, public administrations.

PhD Course in Classics

Area	N° 10 – Antiquities, Philological-Literary and Historical-Artistic Sciences
Academic-disciplinary sectors	L-ANT/01 - L-ANT/02 – L-ANT/03 – L-ANT/05 – L-ANT/06 - L-ANT/07 - L-FIL-LET/02 – L-FIL-LET/04 – L-FIL-LET/05 – L-FIL-LET/07 – L-FIL-LET/08 – L-LIN/01 – M-STO/06
Administrative base	Department of Literary, Philological and Linguistic Studies
Duration	3 years
Places	4, divided between the curricula as specified below.
Scholarships	2 University of Milan The scholarships are divided between the curricula as specified below.
Co-ordinator	Professor Giuseppe Lozza Department of Literary, Philological and Linguistic Studies via Festa del Perdono N° 7, 20122 Milano
Curricula with differentiated sequences of merit	1) Philological-literary-linguistic places: 2 scholarships: 1 2) Historical-archaeological



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	places: 2 scholarships: 1
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-2 Archaeology LM-14 Modern philology LM-15 Classical philology, literature and history LM-84 Historical sciences LM-89 History of art <u>Applicants to the Philological-Literary-Linguistics curriculum are expected to have a knowledge of Latin and Greek.</u>
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> –graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 6 marks –university career (useful examinations passed and graduation mark): up to a maximum of 2 marks –any publications: up to a maximum of 2 marks –any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks –two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks –a research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 6 marks
Date of appraisal of qualifications	20 September, 2012
Results of appraisal of qualifications	Available for consultation on the website http://users.unimi.it/discanti as from 21 September, 2012

Second phase	
Examinations Diary	<p>Written examination: 28 September, 2012 at 9.00 a.m. in the M203 Lecture Hall – via Mercalli N° 21 - 20122 Milano.</p> <p>Oral examination: 5 October, 2012 at 9.30 a.m. in the Department of Linguistic, Literary and Philological Studies - via Festa del Perdono N° 7– 20122 Milano</p>



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	<p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>
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PhD Course in Philosophy

Area	N° 11 – Historical, Philosophical, Pedagogical and Psychological Sciences
Academic-disciplinary sectors	M-FIL/01 - M-FIL/02 - M-FIL/03 - M-FIL/04 - M-FIL/05 - M-FIL/06 - M-FIL/07 - M-FIL/08 - M-STO/05
Administrative base	Department of Philosophy
Duration	3 years
Places	6
Scholarships	3 University of Milan
Co-ordinator	Professor Paolo Spinicci (<i>contact person: Mr. Maurizio Vitagliani</i>) Department of Philosophy via Festa del Perdono N° 7, 20122 Milano
Curricula	<ol style="list-style-type: none"> 1) Continuity and innovation: the philosophical tradition from antiquity to the Renaissance 2) Traditions and innovations of rationality in European philosophy between the seventeenth and twentieth centuries 3) Epistemology and science of language 4) Phenomenology and theories of experience
Admission criteria	Qualifications attained in the class LM-78 Philosophical Sciences as per Ministerial Decree N° 270/2004, or in the corresponding class as per Ministerial Decree N° 509/99:
Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 4 marks – university career (useful examinations passed and graduation mark): up to a maximum of 5 marks – any publications: up to a maximum of 6 marks
<u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than</u>	



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the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.	<ul style="list-style-type: none"> – any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks – two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 3 marks (the model of the letter is available online from http://dipartimento.filosofia.unimi.it/index.php/dottorato) – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 10 marks
Date of appraisal of qualifications	14 September, 2012
Results of appraisal of qualifications	Available for consultation at http://dipartimento.filosofia.unimi.it/index.php/dottorato as from 19 September, 2012

Second phase	
Examinations Diary	<p><i>Written examination: 24 September, 2012 at 9.00 a.m.</i> in the M203 Lecture Hall – via Mercalli N° 21 - 20122 Milano.</p> <p><i>Oral examination: 3 October, 2012 at 9.00 a.m.</i> in the Department of Philosophy – via Festa del Perdono 7 - 20122 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Foreign Languages, Literatures and Cultures

Area	N° 12 – Antiquities, Philological-Literary and Historical-Artistic Sciences
Academic-disciplinary sectors	L-LIN/03 - L-LIN/04 - L-LIN/ 05 - L-LIN/06 - L-LIN/07 - L-LIN/08 - L-LIN/09 - L-LIN/10 - L-LIN/11 - L-LIN/12 - L-LIN/13 - L-LIN/14 - L-LIN/15 - L-LIN/21 - L-FIL-LET/15
Administrative base	Department of Foreign Languages and Literature
Associated Locations	University of Bergamo University of Verona
Duration	3 years
Places	10



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Scholarships	5 University of Milan
Curricula	<ol style="list-style-type: none"> 1) English studies 2) French studies 3) German-Scandinavian studies 4) Iberian studies 5) Slavic studies
Co-ordinator	<p>Professor Alessandro Costazza Department of Foreign Languages and Literature piazza Sant'Alessandro N° 1, 20123 Milano</p>
Admission criteria	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-14 Modern philology LM-37 Modern European and American languages and literature LM-38 Modern languages for communication and international cooperation LM-39 Linguistics LM-94 Specialised translation and interpreting</p>
Weighting attributed to marks	<p>Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks</p>

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 5 marks – university career (useful examinations passed and graduation mark): up to a maximum of 5 marks – any publications: up to a maximum of 2 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks – two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 1 mark – a research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 5 marks
Date of appraisal of qualifications	19 September, 2012
Results of appraisal of qualifications	Available for consultation on the website http://www.lingue.unimi.it as from 21 September, 2012



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Second phase	
Examinations Diary	<p><i>Written examination: 26 September, 2012 at 2.00 p.m.</i> in the Department of Foreign Languages and Literature - piazza Sant'Alessandro N° 1 – 20123 Milano.</p> <p><i>Oral examination: 3 October, 2012 at 10.00 a.m.</i> in the Department of Foreign Languages and Literature - piazza Sant'Alessandro N° 1 – 20123 Milano.</p> <p>The interview shall be conducted partly in Italian and partly in the curriculum language.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Cultural and Environmental Heritage Studies

Area	N° 12 – Antiquities, Philological-Literary and Historical-Artistic Sciences
Academic-disciplinary sectors	L-ANT/08 - L-ART/01 - L-ART/02 - L-ART/03 - L-ART/04 - L-ART/05 - L-ART/06 - L-ART/07 - L-ART/08 - M-GGR/01 - M-DEA/01
Administrative base	Department of Cultural and Environmental Heritage
Duration	3 years
Places	8
Scholarships	4 University of Milan
Co-ordinator	Professor Guglielmo Scaramellini (<i>contact person: Dr. Monica Molinari</i>) Department of Cultural and Environmental Heritage via Noto N° 6, 20141 Milano
Curricula	1) History and criticism of the artistic and environmental heritage in medieval, modern and contemporary times 2) Disciplines of music and the performing arts
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-2 Archaeology LM-10 Conservation of the architectural and environmental heritage LM-11 Conservation and restoration of the cultural heritage LM-12 Design LM-14 Modern philology



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	LM-15 Classical philology, literature and history LM-43 Information technology methods for the humanities LM-45 Musicology and musical heritage LM-65 Performing arts and multimedia production sciences LM-78 Philosophical sciences LM-80 Geographical sciences LM-84 Historical sciences LM-89 History of art LM-92 Theories of communication
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 3 marks – university career (useful examinations passed and graduation mark): up to a maximum of 3 marks – any publications: up to a maximum of 3 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks – a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 8 marks
Date of appraisal of qualifications	20 September, 2012
Results of appraisal of qualifications	Available for consultation on the University's portal at http://www.unimi.it as from 21 September, 2012

Second phase	
Examinations Diary	<p>Written examination: 25 September, 2012 at 9.30 a.m. in the Department of Cultural and Environmental Heritage - via Noto N° 6 - 20141 Milano.</p> <p>Oral examination: 2 October, 2012 at 9.30 a.m. in the Department of Cultural and Environmental Heritage - via Noto N° 6 - 20141 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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PhD Course in History of Italian Language and Literature

Area	N° 12 – Antiquities, Philological-Literary and Historical-Artistic Sciences
Academic-disciplinary sectors	L-FIL-LET/10 – L-FIL-LET/11 – L-FIL-LET/12 – L-FIL-LET/13 L-FIL-LET/14
Administrative base	Department of Literary, Philological and Linguistic Studies
Associated Locations	University of Bergamo
Duration	3 years
Places	4
Scholarships	2 University of Milan
Co-ordinator	Professor Francesco Spera (<i>contact person: Ms. Maria Mazzilli</i>) Department of Literary, Philological and Linguistic Studies via Festa del Perdono N° 7, 20122 Milano
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-14 Modern philology LM-15 Classical philology, literature and history LM-19 Information and publishing systems LM-37 Modern European and American languages and literature LM-38 Modern languages for communication and international cooperation LM-39 Linguistics LM-65 Performing arts and multimedia production sciences LM-78 Philosophical sciences LM-91 Techniques and methods for the information society LM-92 Theories of communication LM-94 Specialised translation and interpreting
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course in two phases:

First phase	
Appraisal of qualifications	– graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 4 marks
These qualifications must be	– university career (useful examinations passed and



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delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.	<p>graduation mark): up to a maximum of 4 marks</p> <ul style="list-style-type: none"> – any publications: up to a maximum of 4 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks – two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 4 marks
Date of appraisal of qualifications	18 September, 2012
Results of appraisal of qualifications	Available for consultation on the Department's website at http://users.unimi.it/dfilmmod/ as from 20 September, 2012 .

Second phase	
Examinations Diary	<p><i>Written examination: 1 October, 2012 at 10.00 a.m.</i> in the M203 Lecture Hall – via Mercalli N° 21 - 20122 Milano.</p> <p><i>Oral examination: 4 October, 2012 at 10.00 a.m.</i> in the Department of Linguistic, Literary and Philological Studies - via Festa del Perdono N° 7– 20122 Milano</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Historical and Documentary Studies (Medieval, Modern and Contemporary Ages).

Area	N° 11 – Historical, Philosophical, Pedagogical and Psychological Sciences
Academic-disciplinary sectors	M-STO/01 - M-STO/02 - M-STO/03 - M-STO/04 - M-STO/07 - M-STO/08 - M-STO/09 - SECS-P/12 - SPS/02
Administrative base	Department of Historical Studies
Duration	3 years
Places	8
Scholarships	4 University of Milan
Co-ordinator	Professor Paola Vismara (<i>contact person: Ms. Chiara Melloni</i>) Department of Historical Studies via Festa del Perdono N° 7, 20122 Milano
Curricula	1) Medieval age



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	<p>2) Modern age 3) Contemporary age 4) Documentary sciences</p>
Admission criteria	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-1 Cultural anthropology and ethnology LM-5 Archive studies and library science LM-14 Modern philology LM-15 Classical philology, literature and history LM-19 Information and publishing systems LM-37 Modern European and American languages and literature LM-52 International relations LM-56 Economic sciences LM-62 Political sciences LM-64 Religious sciences LM-78 Philosophical sciences LM-80 Geographical sciences LM-84 Historical sciences LM-90 European studies</p>
Weighting attributed to marks	<p>Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks</p>

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English; any publications: up to a maximum of 10 marks – university career (useful examinations passed and graduation mark): up to a maximum of 4 marks – any professional experience and other qualifications held by the applicant; two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 4 marks
Date of appraisal of qualifications	19 September, 2012
Results of appraisal of qualifications	Available for consultation on the University's portal at http://www.unimi.it as from 20 September, 2012

Second phase



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Examinations Diary	<p><i>Written examination: 21 September, 2012 at 9.00 a.m.</i> in the M203 Lecture Hall – via Mercalli N° 21 - 20122 Milano.</p> <p><i>Oral examination: 27 September, 2012 at 9.00 a.m.</i> in the Department of Historical Studies (seminar hall) - via Festa del Perdono N° 7– 20122 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>
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GRADUATE SCHOOL OF MOLECULAR MEDICINE

This School's activities take place in the area of the "life sciences" and their biomedical applications. The post-genomic era has provided unifying knowledge and technologies for a variety of disciplines which were once clearly defined, such as biochemistry, molecular biology, physiology, pharmacology, general pathology, immunology, biology and genetics in the field of basic medicine, as well as virology, pathological anatomy and medical research in the field of applied medical sciences.

The long-term participation of numerous industrial concerns operating in the sectors of diagnostics, pharmaceuticals, information technology and the design of scientific instrumentation documents the interest among biotechnological and biomedical concerns, which view their participation in the course's activities as a concrete possibility for breaking into, or consolidating their presence, in a sector which is experiencing significant development. On the other hand, their collaboration also constitutes an important element in terms of potential job placements for the School's postgraduates.

The Graduate School's research activities also involve the Institute of Biomedical Technologies and the Institute of Bioimaging and of Molecular Physiology at the Italian National Research Council – CNR, which have technicians, researchers and extensive modern research structures at their disposal. This generates a very significant concentration of competences, tools and methodological approaches, which can seldom be found in the public sector in Italy.

The research activities conducted by postgraduate students are grouped into three distinct curricula:

1. Genomics, proteomics and related technologies.
2. Molecular medicine of immune and inflammatory reactions.
3. Molecular oncology.

Studies of genomics and proteomics constitute the mainstay of the entire PhD course: the competences, technologies and tools of the researchers working in this sector, in the framework of the University of Milan's Department of Medical-Surgical Physiopathology and Transplants and the Institute of Biotechnologies at the CNR, are a shared heritage that can be accessed by the postgraduate students in all three curricula.

PhD Course in Molecular Medicine;

Area	N° 6 – Medical Sciences
Academic-disciplinary sectors	BIO/09 - BIO/10 - BIO/11 - BIO/12 - BIO/13 – MED/03 - MED/04 - MED/07 - MED/08 - MED/09 - MED/13 - MED/14 - MED/26 - MED/36 - MED/46
Administrative base	Department of Medical-Surgical Physiopathology and Transplants
Duration	3 years
Places	20
Scholarships	10 University of Milan 1 financed by the National Institute of Molecular Genetics (INGM) Foundation for the research programme "Analysis of the mechanisms of regulation of the function of the oncogene c-MYC in stem cells"
Director	Professor Mario Clerici (<i>contact person: Ms. Maria Rosaria</i>)



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	Sarracino) Department of Medical-Surgical Physiopathology and Transplants via F.lli Cervi N° 93, 20090 Segrate (MI)
Curricula	<p>1) <i>Genomics, proteomics and related technologies</i></p> <ul style="list-style-type: none"> - Molecular analysis of DNA (sequencing, techniques and tools, analyses in databank for ORF sequence homologies) - Microarray technology - Gene expression analysis (differential display, SAGE, cDNA Microarray etc.) - Functional analysis (transfection of cloned genes, use of antisense antinucleotides, knock out and transgenic rats) - Mapping the human genome - Genome mutations and instabilities - Medical genetics and Molecular pathology - Molecular pathology - Designing molecules modulating gene expression <p>2) <i>Molecular medicine of immune and inflammatory reactions</i></p> <ul style="list-style-type: none"> - Cellular and molecular immunology - Immunogenetics and immunopathology - Immune infectivology - Immunodiagnostics - Immunomodulating molecules - Techniques of biomolecular characterisation of microorganisms <p>3) <i>Molecular oncology</i></p> <ul style="list-style-type: none"> - Analysing the genome to identify the genes involved in neoplasms - Identifying the genetic and epigenetic mechanisms of neoplastic transformations - Analysing the cycle and cellular differentiation in the neoplastic cell - Molecular biology of the neoplastic cell: study methods and instrumentation - Animal systems in the study of neoplasms - Identifying tumour markers useful in diagnosing and in prognosis
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications	- graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 6 marks
<u>These qualifications must be delivered to the Director or to the</u>	- university career (useful examinations passed and graduation mark): up to a maximum of 15 marks



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<p>contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</p>	<p>The graduation mark is appraised as follows:</p> <table border="1"><thead><tr><th>Graduation mark</th><th>Marks</th></tr></thead><tbody><tr><td>110 with honours</td><td>15</td></tr><tr><td>110</td><td>13</td></tr><tr><td>109</td><td>12</td></tr><tr><td>108</td><td>11</td></tr><tr><td>107</td><td>10</td></tr><tr><td>106</td><td>9</td></tr><tr><td>105</td><td>8</td></tr><tr><td>104</td><td>7</td></tr><tr><td>103</td><td>6</td></tr><tr><td>102</td><td>5</td></tr><tr><td>101</td><td>4</td></tr><tr><td>100</td><td>3</td></tr><tr><td>99</td><td>2</td></tr><tr><td>98</td><td>1</td></tr></tbody></table> <ul style="list-style-type: none">– any publications: up to a maximum of 2 marks– any professional experience and other qualifications held by the applicant; a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks– research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 5 marks	Graduation mark	Marks	110 with honours	15	110	13	109	12	108	11	107	10	106	9	105	8	104	7	103	6	102	5	101	4	100	3	99	2	98	1
Graduation mark	Marks																														
110 with honours	15																														
110	13																														
109	12																														
108	11																														
107	10																														
106	9																														
105	8																														
104	7																														
103	6																														
102	5																														
101	4																														
100	3																														
99	2																														
98	1																														
Date of appraisal of qualifications	4 October, 2012																														
Results of appraisal of qualifications	Available for consultation as from 4 October, 2012 on the University's portal at: http://users.unimi.it/dottmedmol/index.htm																														

Second phase	
Examinations Diary	<p><i>Interview: 8 October, 2012 at 9.00 a.m.</i> in the Didactic Section of the LITA, via F.lli Cervi N° 93, 20090 Segrate (MI).</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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Divisione Formazione Universitaria e Formazione Permanente

GRADUATE SCHOOL OF CLINICAL AND EXPERIMENTAL BIOMEDICAL SCIENCES

The aim of this School is to pool PhD courses that share certain affinities so as to create interactions in didactic, organisational, logistical and administrative terms that enable synergies to be implemented in research and training, promoting their horizontal relevance and including related and complementary areas.

In particular, the School's main aims and objectives are:

- to valorise research aimed at understanding the pathogenetic mechanisms of diseases and curing patients, promoting synergies between clinical research and basic biomedical research
- to promote the placement of young researchers, in particular medical doctors, in the pre-clinical and clinical research community
- to encourage collaboration between research institutions, schools of advanced training, welfare structures and concerns to promote basic and clinical research targeting human health.

With regard to the School's training activities, these are aimed at:

- promoting interdisciplinarity and the exchange of scientific and didactic experiences between lecturers and postgraduate students from different disciplinary backgrounds, for the purpose of creating a culturally stimulating environment suitable for achieving osmosis between pre-clinical and clinical sciences
- promoting and organising periods of study and research spent abroad to complete students' training, thus contributing to their placement in international research circuits
- promoting discussion and debate about the bioethical questions brought to the attention of doctors and researchers by the enormous development of new technologies, which will constitute an integral part of the technical and cultural background acquired by postgraduate students by the end of their training experience.

The system of training credits is applied in the School's education and training activities. All postgraduate students must acquire at least 45 credits by taking part in the educational and training activities, with methods for verifying and recognising the credits established by the School's Governing Board. The activity of academic and training research constitutes the School's most important commitment and will be conducted by the postgraduate students under the guidance of a tutor.

PhD Course in Biotechnologies Applied to Medical Sciences

Area	N° 5 – Biological Sciences
Academic-disciplinary sectors	BIO/10 - BIO/13 - BIO/14 - BIO/19 - MED/06 - MED/09 - MED/13 - MED/43
Administrative base	Department of Medical Biotechnologies and Translational Medicine
Duration	3 years
Places	8
Scholarships	2 University of Milan 1 from funds made available by the 2011 Youth Project, reserved for research targeting the field of national investigation priority of "Human health (study and treatment of tumours and degenerative diseases with new approaches deriving from



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	knowledge of the human genome)" 1 financed by the Anna Villa and Felice Rusconi Foundation for the research programme "Immunotherapy of survivin-positive neoplasms (including pleural mesothelioma and carcinoma of the pancreas)"
Co-ordinator	Professor Enrico Ginelli (<i>contact person: Professor Anna Marozzi</i>) Department of Medical Biotechnologies and Translational Medicine via Viotti N° 3/5, 20133 Milano
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-6 Biology LM-7 Agricultural biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-13 Pharmacy and industrial pharmacy LM-17 Physics LM-18 Information technology LM-21 Biomedical engineering LM-41 Medicine and surgery LM-42 Veterinary medicine LM-54 Chemical sciences LM-60 Sciences of nature
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 5 marks – university career (useful examinations passed and graduation mark): up to a maximum of 5 marks – any publications: up to a maximum of 4 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks – two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks
Date of appraisal of qualifications	4 October, 2012
Results of appraisal of	Available for consultation as from 5 October, 2012 on the



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qualifications	University's portal at: http://www.unimi.it
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Second phase	
Examinations Diary	<p>Interview: 8 October, 2012 at 9.00 a.m. in the Department of Medical Biotechnologies and Translational Medicine, via Viotti N° 3/5, 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Experimental Haematology

Area	N° 6 – Medical Sciences
Academic-disciplinary sectors	BIO/12 - MED/03 - MED/08 - MED/09 - MED/15 - MED/16
Administrative base	Department of Clinical and Community Sciences
Duration	3 years
Places	4
Scholarships	2 University of Milan
Co-ordinator	Professor Paolo Corradini (<i>contact person: Ms. Anna Lisa Caneo</i>) Department of Clinical and Community Sciences via F. Sforza N° 35, 20122 Milano
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-6 Biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-41 Medicine and surgery
Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks

Students are admitted to the PhD course is in two phases:



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First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> - graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 8 marks - university career (useful examinations passed and graduation mark): up to a maximum of 5 marks - any publications: up to a maximum of 5 marks - any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks - two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks - research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 8 marks
Date of appraisal of qualifications	4 October, 2012
Results of appraisal of qualifications	Available for consultation as from 5 October, 2012 on the University's portal at: http://www.unimi.it

Second phase	
Examinations Diary	<p>Interview: 8 October, 2012 at 2.30 p.m. in the Department of Clinical and Community Sciences – Marcora Building - via F. Sforza N° 35, 20122 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Gastroenterology

Area	N° 6 – Medical Sciences
Academic-disciplinary sectors	MED/09 - MED/12 - MED/18
Administrative base	Department of Medical-Surgical Physiopathology and Transplants
Duration	3 years
Places	4



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Scholarships	2 University of Milan
Co-ordinator	Professor Dario Conte (<i>contact person Mr Francesco Corti</i>) Department of Medical-Surgical Physiopathology and Transplants via F. Sforza N° 35, 20122 Milano
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-6 Biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-41 Medicine and surgery
Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 7 marks – university career (useful examinations passed and graduation mark): up to a maximum of 4 marks – any publications: up to a maximum of 5 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 4 marks – two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 8 marks
Date of appraisal of qualifications	18 September, 2012
Results of appraisal of qualifications	Available for consultation as from 21 September, 2012 on the University's portal at: http://www.unimi.it

Second phase	
Examinations Diary	<p><i>Interview: 25 September, 2012 at 11.00 a.m.</i> in the Department of Medical-Surgical Physiopathology and Transplants – Granelli Building - via F. Sforza N° 35, 20122 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p>



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PhD Course in Infectious Diseases

Area	N° 6 – Medical Sciences
Academic-disciplinary sectors	BIO/12 - FIS/04 - MED/07 - MED/08 - MED/09 – MED/10 - MED/17 - MED/18
Administrative base	Department of Health Sciences
Duration	3 years
Places	4
Scholarships	2 University of Milan
Co-ordinator	Professor Antonella d'Arminio Monforte (<i>contact person: Ms. Tiziana Formenti</i>) Department of Health Sciences via A. Di Rudinì N° 8, 20142 Milano
Curricula	<p>1) Clinical section</p> <ul style="list-style-type: none">– natural history, pathogenesis and clinic of infections from human retroviruses (HIV-1 HTLV-1 HTLV-2)– epidemiology and clinic of viral infections of immunocompromised patients, with a special focus on CMV and HHV-8 infections– pathogenesis and clinic of HCV infections– pathogenesis and clinic of infections from typical and atypical microbacteria– methodology of clinical and pharmacological research of immunocompromised patients– methodology of the clinical use of antiretroviral therapy and clinical experimentation with antiretroviral drugs <p>2) Biomedical section</p> <ul style="list-style-type: none">– pathogenesis and diagnosis of infections from human retroviruses (HIV-1 HTLV-1 HTLV-2)– pathogenesis and diagnosis of CMV and HHV-8 infections– pathogenesis and diagnosis of HCV infections– pathogenesis and diagnosis of infections from typical and atypical microbacteria– laboratory monitoring and developing new techniques for monitoring antiretroviral therapy, with a special focus on studying the mechanisms of resistance to antiretrovirals



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	<p>and to the pharmacokinetics of antiretrovirals</p> <ul style="list-style-type: none"> – methodology of the research and application of molecular biology techniques to diagnosing infections in immunocompromised hosts
Admission criteria	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-6 Biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-13 Pharmacy and industrial pharmacy LM-17 Physics LM-41 Medicine and surgery LM-42 Veterinary medicine LM-81 Development cooperation sciences LM-82 Statistical sciences LM/SNT 1 Nursing and obstetric sciences LM/SNT 3 Sciences of technical health professions LM/SNT 4 Sciences of preventive health professions</p>
Weighting attributed to marks	<p>Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks</p>

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 2 marks – university career (useful examinations passed and graduation mark): up to a maximum of 2 marks – any publications: up to a maximum of 2 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 4 marks – a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 8 marks
Date of appraisal of qualifications	26 September, 2012
Results of appraisal of qualifications	Available for consultation as from 27 September, 2012 on the University's portal at: http://www.unimi.it

Second phase	
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Examinations Diary	<p>Interview: 1 October, 2012 at 9.30 a.m. in the Department of Health Sciences, via A. Di Rudinì N° 8, 20142 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>
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PhD Course in Occupational Medicine and Industrial Hygiene

Area	N° 6 – Medical Sciences
Academic-disciplinary sectors	MED/01 – MED/02 - MED/42 – MED/43 - MED/44
Administrative base	Department of Clinical and Community Sciences
Duration	3 years
Places	4
Scholarships	2 University of Milan
Co-ordinator	Professor Giovanni Costa (<i>contact person: Patrizia Marazzi</i>) Department of Clinical and Community Sciences via San Barnaba N° 8, 20122 Milano
Admission criteria	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-6 Biology LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-13 Pharmacy and industrial pharmacy LM-41 Medicine and surgery LM-42 Veterinary medicine LM-51 Psychology LM-54 Chemical sciences LM-55 Cognitive sciences LM-58 Sciences of the universe LM-71 Sciences and technologies of industrial chemistry LM-75 Sciences and technologies for the environment and the landscape LM-76 Economic sciences for the environment and culture LM-82 Statistical sciences LM-86 Animal husbandry and technologies LM-88 Sociology and social research LM/SNT 2 Rehabilitative sciences of health professions LM/SNT 4 Sciences of preventive health professions</p>
Weighting attributed to marks	<p>Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks</p>



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Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> - graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 5 marks - university career (useful examinations passed and graduation mark): up to a maximum of 5 marks - any publications: up to a maximum of 5 marks - any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks - two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 5 marks - research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 5 marks
Date of appraisal of qualifications	18 September, 2012
Results of appraisal of qualifications	Available for consultation as from 24 September, 2012 on the University's portal at: http://www.unimi.it

Second phase	
Examinations Diary	<p>Interview: 2 October, 2012 at 10.00 a.m. in the Department of Clinical and Community Sciences - via San Barnaba N° 8, 20122 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Clinical Methodology

Area	N° 6 – Medical Sciences
Academic-disciplinary sectors	MED/09 - MED/11 - MED/15 - MED/41
Administrative base	Department of Health Sciences
Duration	3 years



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Places	4
Scholarships	2 University of Milan
Co-ordinator	Professor Marco Cattaneo (<i>contact person: Ms. Elide Ghisetti</i>) Department of Health Sciences via A. di Rudinì N° 8, 20142 Milano
Curricula	1) Molecular bases of the pathologies of increased microcirculation permeability 2) Immunopathogenesis of autoimmune cholangiopathies 3) Molecular bases of congenital diseases of blood coagulation
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-6 Biology LM-7 Agricultural biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-13 Pharmacy and industrial pharmacy LM-41 Medicine and surgery
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 2 marks – university career (useful examinations passed and graduation mark): up to a maximum of 2 marks – any publications: up to a maximum of 2 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 6 marks – a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 6 marks
Date of appraisal of qualifications	17 September, 2012
Results of appraisal of qualifications	Available for consultation as from 21 September, 2012 on the University's portal at: http://www.unimi.it

Second phase



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Examinations Diary	<p>Interview: 26 September, 2012 at 11.00 a.m. in the Department of Health Sciences, via A. Di Rudinì N° 8, 20142 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Experimental Pathology and Neuropathology

Area	N° 6 – Medical Sciences
Academic-disciplinary sectors	MED/03 - MED/04 - MED/05
Administrative base	Department of Medical Biotechnologies and Translational Medicine
Duration	3 years
Places	6
Scholarships	<p>2 University of Milan</p> <p>1 from funds made available by the 2011 Youth Project, reserved for research targeting the field of national investigation priority of "Human health (study and treatment of tumours and degenerative diseases with new approaches deriving from knowledge of the human genome)"</p>
Co-ordinator	<p>Professor Alberto Mantovani (<i>contact person: Dr. Silvia Mascoli</i>)</p> <p>Department of Medical Biotechnologies and Translational Medicine</p> <p>via Manzoni N° 113, 20089 Rozzano (MI)</p>
Curricula	<ol style="list-style-type: none"> 1) Molecular and immunological aspects of oncology 2) Molecular mechanism of the pathogenesis of certain neuropathies 3) Physiopathology of the metabolism: iron transport regulations and leptin action mechanisms 4) Genetics and the human genome
Admission criteria	<p>Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99:</p> <p>LM-6 Biology LM-7 Agricultural biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-13 Pharmacy and industrial pharmacy</p>



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	LM-18 Information technology LM-41 Medicine and surgery LM-42 Veterinary medicine LM-53 Material sciences and engineering LM-82 Statistical sciences
Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 5 marks – university career (useful examinations passed and graduation mark): up to a maximum of 5 marks – any publications: up to a maximum of 5 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 5 marks – a research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 5 marks
Date of appraisal of qualifications	3 October, 2012
Results of appraisal of qualifications	Available for consultation as from 4 October, 2012 on the University's portal at: http://www.unimi.it

Second phase	
Examinations Diary	<p>Interview: 8 October, 2012 at 3.00 p.m. in the Department of Medical Biotechnologies and Translational Medicine, via Manzoni N° 113, 20089 Rozzano (MI).</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Public Health

Area	N° 6 – Medical Sciences
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Academic-disciplinary sectors	MED/07 - MED/42 - M-PSI/01 - SECS-P/02
Administrative base	Department of Health Sciences
Duration	3 years
Places	4
Scholarships	2 University of Milan
Co-ordinator	Professor Mirella Pontello (<i>contact person: Professor Elisabetta Tanzi</i>) Department of Health Sciences via Pascal N° 36, 20133 Milano
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-6 Biology LM-7 Agricultural biology LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-35 Environmental and landscape engineering LM-41 Medicine and surgery LM-42 Veterinary medicine LM-46 Dentistry and dental prostheses LM-50 Planning and managing educational services LM-61 Sciences of human nutrition LM-67 Sciences and techniques of preventive and adapted motor activities LM-70 Food sciences and technologies LM-75 Sciences and technologies for the environment and the landscape LM-81 Development cooperation sciences LM-82 Statistical sciences LM/SNT 4 Sciences of preventive health professions
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 4 marks – university career (useful examinations passed and graduation mark): up to a maximum of 3 marks – any publications: up to a maximum of 5 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks – a letter of reference from lecturers at the applicant's



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<u>Article 5 of this announcement.</u>	<p>university of origin or other universities supporting the application: up to a maximum of 1 mark</p> <ul style="list-style-type: none"> – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 5 marks
Date of appraisal of qualifications	17 September, 2012
Results of appraisal of qualifications	Available for consultation as from 18 September, 2012 on the University's portal at: http://www.unimi.it

Second phase	
Examinations Diary	<p>Interview: 24 September, 2012 at 9.30 a.m. in the Department of Biomedical Sciences for Health (Public Health lecture theatre – second floor), via Pascal N° 36 - 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Endocrinological and Metabolic Sciences

Area	N° 6 – Medical Sciences
Academic-disciplinary sectors	BIO/09 - BIO/13 - MED/13
Administrative base	Department of Clinical and Community Sciences
Duration	3 years
Places	4
Scholarships	2 University of Milan
Co-ordinator	Professor Paolo Beck Peccoz (<i>contact person: Ms. Antonella Salvo</i>) Department of Clinical and Community Sciences via F. Sforza N° 35, 20122 Milano
Curricula	<ol style="list-style-type: none"> 1) Physiopathology of the hypothalamus-hypophysic unit 2) Hormonal effects on the central and peripheral nervous system 3) Endocrinally dependent neoplasms
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding



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	<p>classes as per Ministerial Decree N° 509/99:</p> <p>LM-6 Biology LM-7 Agricultural biology LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-13 Pharmacy and industrial pharmacy LM-17 Physics LM-21 Biomedical engineering LM-22 Chemical engineering LM-40 Mathematics LM-41 Medicine and surgery LM-42 Veterinary medicine LM-46 Dentistry and dental prostheses LM-47 Organisation and management of services for sport and motor activities LM-51 Psychology LM-54 Chemical sciences LM-55 Cognitive sciences LM-60 Sciences of nature LM-61 Sciences of human nutrition LM-68 Sciences and techniques of sport LM-69 Agricultural sciences and technologies LM-70 Food sciences and technologies LM-71 Sciences and technologies of industrial chemistry LM-73 Forestry and environmental sciences and technologies LM-82 Statistical sciences LM-85 Pedagogical Sciences LM-86 Animal husbandry and technologies LM/SNT 1 Nursing and obstetric sciences LM/SNT 2 Rehabilitative sciences of health professions LM/SNT 3 Sciences of technical health professions LM/SNT 4 Sciences of preventive health professions</p>
Weighting attributed to marks	<p>Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks</p>

Students are admitted to the PhD course is in two phases:

First phase	
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 3 marks – university career (useful examinations passed and graduation mark): up to a maximum of 9 marks. The graduation mark is appraised as follows: 0.5 marks for each mark over 99 and 3.5 marks for honours – any publications: up to a maximum of 4 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 3 marks – two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 0.5 marks



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	– research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 0.5 marks
Date of appraisal of qualifications	18 September, 2012
Results of appraisal of qualifications	Available for consultation as from 24 September, 2012 on the University's portal at: http://www.unimi.it

Second phase	
Examinations Diary	<p><i>Interview: 8 October, 2012 at 9.00 a.m.</i> in the Department of Pharmacological and Biomolecular Sciences - via Balzaretti N° 9 - 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Biomedical Statistics

Area	N° 6 – Medical Sciences
Academic-disciplinary sectors	MED/01
Administrative base	Department of Clinical and Community Sciences
Associated Locations	University of Brescia
Duration	3 years
Places	8
Scholarships	<p>2 University of Milan</p> <p>1 from funds made available from the Project “Advanced training and internationalisation in Biomedical Statistics and Epidemiology PhDs in the Lombardy Region” financed by the CARIPLO Foundation for the research programme “Nutrition and Cancer in Mediterranean Countries from Networks of Case-Control Studies”</p> <p>1 financed by Aleph S.r.l. for the research programme “Statistical methods for network meta-analyses and mixed treatment comparisons with application to anesthesiology and intensive care”</p>
Co-ordinator	Professor Adriano Decarli (<i>contact person: Dr. Fabio Taiariol</i>) Department of Clinical and Community Sciences



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Divisione Formazione Universitaria e Formazione Permanente

	via Vanzetti N° 5, 20133 Milano
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 8 marks – university career (useful examinations passed and graduation mark): up to a maximum of 8 marks – any publications: up to a maximum of 5 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks – two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 2 marks
Date of appraisal of qualifications	1 October, 2012
Results of appraisal of qualifications	Available for consultation as from 3 October, 2012 on the University's portal at: http://www.unimi.it

Second phase	
Examinations Diary	<p>Interview: 5 October, 2012 at 9.30 a.m. in the Department of Clinical and Community Sciences, via A. Vanzetti N° 5 - 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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GRADUATE SCHOOL OF MORPHOLOGICAL, PHYSIOLOGICAL AND SPORT SCIENCES

The aim of the School is to encourage studies to generate integrated analyses of the morphological and physiological, qualitative and quantitative aspects of biological structures at all levels of structural organisation, from cells, tissues and organs to the human organism as a whole. The convergence of the morphological and the physiological approach is of particular significance in the fields of study regarding motor control, the nervous system, physical and sports activities and the relations between structure and function in cellular membranes, where there are extensive areas of synthesis and integration between anatomy and physiology, which are of crucial interest to those who wish to undertake more advanced research.

The research activities conducted by the postgraduate students will focus on the following areas: the cell and the extracellular matrix; the systems that transport ions and organic substances through the epithelia; the ionic channels responsible for phenomena of membrane excitability; the nervous system; the locomotive apparatus, movement and motor control; muscular bioenergetics; respiratory mechanics and ventilation control; exchanges of liquids and solutes through the mesothelium and connecting tissue; the stomatognathic apparatus; morphometrics and image analysis of biological structures in various body hierarchies; physical activities and sport, in particular aspects relative to the energy metabolism and hormone regulation, doping and methodological aspects of sports training.

PhD Course in Physiology

Area	N° 5 – Biological Sciences
Academic-disciplinary sectors	BIO/09
Administrative base	Department of Medical-Surgical Physiopathology and Transplants
Associated Locations	University of Insubria San Raffaele University of Life and Health
Duration	3 years
Places	10
Scholarships	5 University of Milan
Co-ordinator	Professor Paolo Cavallari (<i>contact person: Ms. Marina Perazzoli</i>) Department of Medical-Surgical Physiopathology and Transplants via Mangiagalli N° 32, 20133 Milano
Curricula	1) General (cellular and molecular) physiology 2) Human (organ and integrative) physiology
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:



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First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 5 marks – university career (useful examinations passed and graduation mark): up to a maximum of 7 marks – any publications: up to a maximum of 3 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 3 marks – a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 1 mark – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 1 mark
Date of appraisal of qualifications	28 September, 2012
Results of appraisal of qualifications	Available for consultation as from 1 October, 2012 on the University's portal at: http://www.unimi.it

Second phase	
Examinations Diary	<p>Written examination: 5 October, 2012 at 9.00 a.m. in the small lecture theatre (second floor) of the Department of Medical-Surgical Physiopathology and Transplants, via Mangiagalli N° 32, 20133 Milano</p> <p>Oral examination: 5 October, 2012 at 3.00 p.m. in the small lecture theatre (second floor) of the Department of Medical-Surgical Physiopathology and Transplants, via Mangiagalli N° 32 - 20133 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Morphological Sciences

Area	N° 5 – Biological Sciences
Academic-disciplinary sectors	BIO/16 - BIO/17
Administrative base	"L. Sacco" Department of Biomedical and Clinical Sciences
Associated Locations	University of Brescia



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Duration	3 years
Places	5
Scholarships	1 University of Milan 1 from funds made available by the 2011 Youth Project , reserved for research targeting the field of national investigation priority of "New applications of the biomedical industry".
Co-ordinator	Professor Laura Vizzotto "L. Sacco" Department of Biomedical and Clinical Sciences via G. B. Grassi N° 74, 20157 Milano
Curricula	1) Morphology and cytochemistry of cells, tissues and organs 2) Neuroanatomy and neurocytology 3) Morphometrics of biological structures in the various body hierarchies 4) Functional anatomy of the stomatognathic apparatus 5) Functional anatomy applied to movement
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English; research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 8 marks – university career (useful examinations passed, graduation mark): up to a maximum of 5 marks – any publications: up to a maximum of 5 marks – any professional experience and other qualifications held by the applicant; a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks
Date of appraisal of qualifications	17 September, 2012
Results of appraisal of qualifications	Available for consultation as from 18 September, 2012 on the website: http://www.morfologia.unimi.it/home/index.php

Second phase	
Examinations Diary	Interview: 28 September, 2012 at 10.00 a.m. in the Department of Biomedical Sciences for Health - via Mangiagalli N° 31,



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Divisione Formazione Universitaria e Formazione Permanente

	<p>20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>
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PhD Course in Sport Sciences

Area	N° 5 – Biological Sciences
Academic-disciplinary sectors	BIO/09 - BIO/10 - BIO/16 - MED/09 - MED/13 - MED/33 - MED/50 - M-EDF/02
Administrative base	Department of Biomedical Sciences for Health
Duration	3 years
Places	4
Scholarships	2 University of Milan
Co-ordinator	Professor Livio Luzi (<i>contact person: Ms. Giuseppina Tronconi</i>) Department of Biomedical Sciences for Health via Kramer N° 4/A - 20129 Milano
Curricula	<ol style="list-style-type: none"> 1) Studying the functional appraisal of the various apparatuses and organs involved in physical exercise and training, including biomechanical aspects (sectors BIO/09 - BIO/16 - MED/33 - M-EDF/02) 2) Studying the strategies and methodologies of training and of functional appraisal under extraordinary environmental conditions (sectors BIO/09 - MED/09 - M-EDF/02) 3) Studying targeted training methodologies for individuals for whom sports therapy constitutes a means of prevention (sectors BIO/09 - BIO/16 - MED/09 - MED/13 - MED/33 - MED/50 - M-EDF/02) 4) Analysing both basic and clinical biochemical, nutritional and endocrinological knowledge to be used in motor and sports activities (sectors BIO/09 - BIO/10 - MED/09 - MED/13 - MED/50 - M-EDF/02)
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks

Students are admitted to the PhD course in two phases:



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First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none">- graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 5 marks- university career (useful examinations passed and graduation mark): up to a maximum of 10 marks- any publications: up to a maximum of 5 marks- any professional experience and other qualifications held by the applicant: up to a maximum of 4 marks- a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 4 marks- research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 2 marks
Date of appraisal of qualifications	24 September, 2012
Results of appraisal of qualifications	Available for consultation as from 25 September, 2012 on the University's portal at: http://www.unimi.it

Second phase	
Examinations Diary	<p><i>Interview: 8 October, 2012 at 9.30 a.m.</i> at the University of Milan - via Kramer N° 4/A - 20129 Milano</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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GRADUATE SCHOOL OF INFORMATION TECHNOLOGY

The aim of the Graduate School of Information Technology is to provide:

- a solid, wide-ranging knowledge of the basics of information sciences and technologies and related fields;
- advanced and in-depth competences related to specific disciplinary aspects;
- the interdisciplinary skills necessary to optimise cultural and methodological synergies;
- a sound methodological grounding in the conduct of research, as well as in its organisation, management and dissemination;
- opportunities for internationalisation and advanced relations with economic, social and production bodies located in the area.

The aim is to prepare students with an extensive, sound cultural background, providing them with a high degree of flexibility, an open mind and in-depth, innovative competences in specific fields. These students will be capable of independently conducting and managing both theoretical and applied research activities, contributing greatly to maintaining and advancing scientific and technological knowledge at international level. They will also be capable of designing and building complex IT systems, developing innovative IT applications and transferring their knowledge to the private sector, thus contributing to consolidating and expanding the role played by Italian firms in the global economic scenario.

The training provided by the School has been structured by identifying blocks of courses (the curricula) that correspond to specific areas of interest in IT disciplines. The longer courses cover fundamental areas of information sciences and technologies, while the short courses go into greater detail about specific topics, above all by presenting recent research projects and results and thus providing stimuli for postgraduate students' own research activities. All postgraduate students are free to construct an individual study plan, by choosing several long courses and several short courses which are of interest to them. It is also possible to attend courses at other Italian and foreign universities, so as to expand training opportunities and encourage internationalisation.

PhD Course in Information Technology

Area	N° 1 – Mathematical and Information Sciences
Academic-disciplinary sectors	INF/01
Administrative base	Department of Information Sciences
Associated Locations	“Parthenope” University of Naples University of Messina
Duration	3 years
Places	19
Scholarships	6 University of Milan 2 from funds made available by the 2011 Youth Project , reserved for research targeting the field of national investigation priority of “ICT and Electronic Components”.
Director	Professor Ernesto Damiani (<i>contact person: Ms. Lorena Sala</i>) c/o Department of Information Technology



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	via Comelico N° 39/41, 20135 Milano
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Examinations: up to a maximum of 30 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Director or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> – graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 5 marks – university career (useful examinations passed and graduation mark): up to a maximum of 5 marks – any publications: up to a maximum of 5 marks – any professional experience and other qualifications held by the applicant: up to a maximum of 3 marks – two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 2 marks – research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 10 marks. The research project, which will consist of approximately 5 pages of typewritten text, must be drawn up in English and include: a brief analysis of the state of the art of a sector of information technology; indication of one or more research topics; the objectives that are intended to be achieved and a plan, including a timescale, of the activities necessary to achieve them. Bibliographic references must be indicated separately.
Date of appraisal of qualifications	28 September, 2012
Results of appraisal of qualifications	Available for consultation as from 29 September, 2012 on the Graduate School's website at: http://turing.crema.unimi.it/ScuolaDottorato

Second phase	
Examinations Diary	<p>Interview: 5 and 8 October, 2012 at 9.30 a.m. in the Department of Information Technology – via Comelico N° 39/41 - 20135 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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GRADUATE SCHOOL OF MATHEMATICAL SCIENCES

The aim of the PhD courses in the area of Mathematical Sciences is to provide postgraduate students with research techniques and methodologies pertinent to the sectors of contemporary mathematics, in terms of both its qualitative and quantitative aspects and with reference to its applications, up to the point in which they achieve a sufficiently broad degree of scientific and cultural independence to enable them to generate original, significant results. The primary focus of these courses is the PhD thesis, which represents the benchmark of the student's ability and level of independence.

The aim of this School is to pool PhD courses that share certain affinities, so as to create synergies and promote a more effective, functional management of the resources available in didactic, organisational, logistical and administrative terms, while respecting the independence of the individual PhD courses, the respective Faculty Committees, the mechanisms used to select the postgraduate students and the qualifications issued, contributing to organising and guaranteeing the high quality thereof and the periodical appraisal of further training research activities promoted by the courses.

The School's main aim is to provide an adequate structure for the didactic and training activities for research encompassed in its component PhD courses.

The School also sets out to encourage research programmes capable of mixing different disciplinary approaches. Lastly, the School's aims include generating institutionalised exchanges with leading international research centres operating in the disciplinary sectors that fall under the heading of the mathematical sciences, valorising the particular scientific qualification, both domestically and internationally, of the groups and structures that support them and promoting the possibility of issuing joint PhD qualifications.

PhD Course in Mathematics

Area	N° 1 – Mathematical and Information Sciences
Academic-disciplinary sectors	MAT/01 - MAT/02 - MAT/03 - MAT/04 - MAT/05 - MAT/06 - MAT/07 - MAT/08 - MAT/09
Administrative base	"Federigo Enriques" Department of Mathematics
Associated Locations	University of Insubria
Duration	3 years
Places	11
Scholarships	5 University of Milan
Co-ordinator	Professor Marco Peloso (<i>contact person: Dr. Stefania Leonardi</i>) "Federigo Enriques" Department of Mathematics via C. Saldini N° 50, 20133 Milano
Curricula	1) Algebra and the numbers theory (sector MAT/02) 2) Algebraic, arithmetic, differential and topological geometry (sector MAT/03) 3) Mathematical analysis (sector MAT/05) 4) Mathematical physics (sector MAT/07)
Admission criteria	All classes of Masters degrees



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Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks
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Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> -graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 5 marks -university career (useful examinations passed and graduation mark): up to a maximum of 5 marks -any publications: up to a maximum of 3 marks -any professional experience and other qualifications held by the applicant: up to a maximum of 1 mark -two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 4 marks -research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 2 marks
Date of appraisal of qualifications	19 September, 2012
Results of appraisal of qualifications	Available for consultation as from 20 September, 2012 on the Graduate School's website at: http://www.mat.unimi.it/dottorati

Second phase	
Examinations Diary	<p>Interview: 24 September, 2012 at 9.30 a.m. in the "Federigo Enriques" Department of Mathematics - via C. Saldini N° 50 - 20133 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>

PhD Course in Mathematics and Statistics for Computational Sciences

Area	N° 1 – Mathematical and Information Sciences
Academic-disciplinary sectors	MAT/01 - MAT/02 - MAT/03 - MAT/04 - MAT/05 - MAT/06 - MAT/07 - MAT/08 - MAT/09 - INF/01 - SECS-P/05 - SECS-S/06
Administrative base	"Federigo Enriques" Department of Mathematics



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Associated Locations	University of Torino
Duration	3 years
Places	8
Scholarships	3 University of Milan 1 from funds made available by the 2011 Youth Project , reserved for research targeting the field of national investigation priority of "Transport and advanced logistics, infomobility of people and goods".
Co-ordinator	Professor Giovanni Naldi (<i>contact person: Dr. Stefania Leonardi</i>) "Federigo Enriques" Department of Mathematics via C. Saldini N° 50, 20133 Milano
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Examinations: up to a maximum of 40 marks

Students are admitted to the PhD course is in two phases:

First phase	
Appraisal of qualifications <u>These qualifications must be delivered to the Co-ordinator or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> –applicant's graduation thesis, if necessary accompanied by an abstract in English, and their university career (course examinations passed and graduation mark): up to a maximum of 8 marks –any publications: up to a maximum of 2 marks –any professional experience and other qualifications held by the applicant: up to a maximum of 2 marks –two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 4 marks (the model of the letter is available online from http://www.mat.unimi.it/dottorati) –research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 4 marks
Date of appraisal of qualifications	18 September, 2012
Results of appraisal of qualifications	Available for consultation as from 19 September, 2012 on the Graduate School's website at: http://www.mat.unimi.it/dottorati

Second phase



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Examinations Diary	<p><i>Interview: 25 September, 2012 at 9.30 a.m. in the "Federigo Enriques" Department of Mathematics - via C. Saldini N° 50 - 20133 Milano.</i></p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>
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GRADUATE SCHOOL OF PHARMACOLOGICAL SCIENCES

The aim of the School is to promote training and research in the field of the pharmacological sciences, including pharmacognosy and toxicology, and their biotechnological applications; to encourage the molecular approach to developing innovative therapies; to promote interdisciplinarity and the exchange of scientific and didactic experiences between lecturers and postgraduate students from different disciplinary backgrounds, for the purpose of creating a culturally stimulating environment and diversifying, improving and expanding the forms of training on offer in the various different fields of development and uses of pharmaceuticals; to facilitate collaboration between research institutions, advanced training schools and the business community in the fields of pharmacological sciences and biotechnologies, and to encourage the internationalisation of the PhD course by involving foreign lecturers, recruiting postgraduate students from outside Italy, providing for theses to be co-tutored and facilitating periods spent studying abroad.

The training activities will feature three innovative characteristics: multidisciplinary, a link to the business community and internationalisation.

All postgraduate students must acquire at least 45 credits by taking part in the educational and training activities, with methods for verifying and recognising the credits established by the School's Governing Board.

The activity of academic and training research constitutes the School's most important commitment and will be conducted by the postgraduate students under the guidance of a tutor.

PhD Course in Pharmacological Sciences

Area	N° 5 – Biological Sciences
Academic-disciplinary sectors	BIO/14
Administrative base	Department of Pharmacological and Biomolecular Sciences
Duration	3 years
Places	19
Scholarships	7 University of Milan 2 from funds made available by the 2011 Youth Project , reserved for research targeting the field of national investigation priority of "Revitalising the pharmaceuticals industry, also through the fine chemistry of natural compounds for new diagnostic applications and new active ingredients".
Director	Professor Alberto Panerai Department of Pharmacological and Biomolecular Sciences via Vanvitelli N° 32, 20129 Milano For information: Ms. Liliana Francavilla tel. 02/50318311 liliana.francavilla@unimi.it
Admission criteria	Qualifications attained in one of the following classes as per Ministerial Decree N° 270/2004, or in one of the corresponding classes as per Ministerial Decree N° 509/99: LM-6 Biology LM-7 Agricultural biology



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	LM-8 Industrial biotechnologies LM-9 Medical, veterinary and pharmaceutical biotechnologies LM-13 Pharmacy and industrial pharmacy LM-41 Medicine and surgery LM-60 Sciences of nature LM-61 Sciences of human nutrition LM-70 Food sciences and technologies
Weighting attributed to marks	Qualifications: up to a maximum of 30 marks Interview: up to a maximum of 30 marks

Students are admitted to the PhD course is in two phases:

First phase													
Appraisal of qualifications <u>These qualifications must be delivered to the Director no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u>	<ul style="list-style-type: none"> - graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 6 marks (no relevance to the PhD: 0 marks, average relevance: 4 marks, high relevance: 6 marks) - university career (useful examinations passed and graduation mark) up to a maximum of 10 marks, subdivided as follows: <ul style="list-style-type: none"> - for the course examinations passed: up to a maximum of 5 marks according to relevance to the PhD; - for the graduation mark: up to a maximum of 5 marks, according to the following table <table border="1" style="margin-left: 40px; margin-bottom: 10px;"> <thead> <tr> <th>Graduation mark</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>110 with honours</td> <td>5</td> </tr> <tr> <td>110</td> <td>4</td> </tr> <tr> <td>from 105 to 109</td> <td>3</td> </tr> <tr> <td>from 100 to 104</td> <td>2</td> </tr> <tr> <td>from 90 to 99</td> <td>1</td> </tr> </tbody> </table> <ul style="list-style-type: none"> - any publications: up to a maximum of 5 marks - any professional experience and other qualifications held by the applicant: up to a maximum of 5 marks (consideration will be given to courses, workshops, Erasmus, language courses, time spent studying/working in Italy and abroad) - two letters of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 1 mark - research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 3 marks 	Graduation mark	Marks	110 with honours	5	110	4	from 105 to 109	3	from 100 to 104	2	from 90 to 99	1
Graduation mark	Marks												
110 with honours	5												
110	4												
from 105 to 109	3												
from 100 to 104	2												
from 90 to 99	1												
Date of appraisal of qualifications	3 October, 2012												
Results of appraisal of qualifications	Available for consultation as from 4 October, 2012 on the University's portal at: http://www.unimi.it												



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Second phase	
Examinations Diary	<p><i>Interview: 8 October, 2012 at 9.00 a.m.</i> in the Department of Pharmacological and Biomolecular Sciences - via Vanvitelli N° 32 - 20129 Milano</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers, and will also consist of a Power Point presentation of the research programme.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



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GRADUATE SCHOOL OF PHYSIOPATHOLOGICAL, NEUROPSYCHOBIOLOGICAL AND LIFECYCLE ASSISTANCE SCIENCES

This School was established in response to the requirement – of vital importance in the medical field – of optimising the processes of diagnosis and assistance on the basis of the progresses being made in knowledge about how physiopathology relates to the more vulnerable and crucial phases of the life cycle: birth and ageing.

It is therefore structured in the following sections: Maternal, Prenatal and Post-natal Physiopathology and Assistance; Physiopathology, Assistance and Rehabilitation of the Elderly; Neuro-psychobiology.

The School's aim is to promote the development of research in this complex field, using a transversal, interdisciplinary approach.

PhD Course in Physiopathologic, Neuropsychobiological and Auxiliary Sciences of the Life Cycle

Area	N° 6 – Medical Sciences
Academic-disciplinary sectors	Maternal, Prenatal and Post-natal Physiopathology and Assistance section: MED/01 - MED/03 - MED/08 - MED/38- MED/40 - MED/43 - MED/47 - SECS-P/02; Physiopathology, Assistance and Rehabilitation of the Elderly section: MED/09 - MED/11 - MED/16 - MED/18- MED/23 - MED/25 - MED/28 - MED/29 - MED/33 - MED/35 - MED/42 - MED/45; Neuro-psychobiology section: MED/04 - MED/26 - MED/27 - M-PSI/01 - M-PSI/05.
Administrative base	Department of Biomedical, Surgical and Dental Sciences
Duration	3 years
Places	16
Scholarships	8 University of Milan
Director	Professor Lodovico Weinstein (<i>contact person: Ms. Linda Sofia Casto</i>) Department of Biomedical, Surgical and Dental Sciences via R. Galeazzi N° 4, 20161 Milano
Sections	1) Maternal, Prenatal and Post-natal Physiopathology and Assistance 2) Physiopathology, Assistance and Rehabilitation of the Elderly 3) Neuro-psychobiology
Admission criteria	All classes of Masters degrees
Weighting attributed to marks	Qualifications: up to a maximum of 20 marks Interview: up to a maximum of 40 marks



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Students are admitted to the PhD course is in two phases:

First phase											
<p>Appraisal of qualifications</p> <p><u>These qualifications must be delivered to the Director or to the contact person no later than the absolute deadline of 6 September, 2012, in accordance with the instructions specified in Article 5 of this announcement.</u></p>	<ul style="list-style-type: none"> - graduation thesis, if necessary accompanied by an abstract in English: up to a maximum of 3 marks - university career (useful examinations passed and graduation mark): up to a maximum of 4 marks <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>The graduation mark is appraised as follows: Graduation mark</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>110 with honours</td> <td>4</td> </tr> <tr> <td>110</td> <td>3</td> </tr> <tr> <td>from 105 to 109</td> <td>2</td> </tr> <tr> <td>from 99 to 104</td> <td>1</td> </tr> </tbody> </table> <ul style="list-style-type: none"> - any publications: up to a maximum of 2 marks - any professional experience and other qualifications held by the applicant: up to a maximum of 1 mark - a letter of reference from lecturers at the applicant's university of origin or other universities supporting the application: up to a maximum of 1 mark - a research project drawn up by the applicant, which shall not be binding on the subsequent choice of the subject of the PhD thesis: up to a maximum of 9 marks 	The graduation mark is appraised as follows: Graduation mark	Marks	110 with honours	4	110	3	from 105 to 109	2	from 99 to 104	1
The graduation mark is appraised as follows: Graduation mark	Marks										
110 with honours	4										
110	3										
from 105 to 109	2										
from 99 to 104	1										
Date of appraisal of qualifications	20 September, 2012										
Results of appraisal of qualifications	Available for consultation as from 24 September, 2012 on the University's portal at: http://www.unimi.it										

Second phase	
<p>Examinations Diary</p>	<p>Interview: 26 September, 2012 at 8.30 a.m. in the didactic sector of the University of Milan – via G.B. Grassi N°. 35 - 20157 Milano.</p> <p>The interview shall be conducted in Italian or English, as the applicant prefers.</p> <p>This admission examinations diary constitutes formal notice served on interested parties.</p>



UNIVERSITÀ DEGLI STUDI DI MILANO

Area Affari Istituzionali, Internazionali e Formazione

Divisione Formazione Universitaria e Formazione Permanente

ALLEGATO A

DICHIARAZIONE SOSTITUTIVA DI ATTO NOTORIO

Self drafted affidavit

(art. 47 del DPR n° 445/2000)

(art. 47 Presidential Decree N° 445/2000)

Il sottoscritto/*the undersigned*

cognome/*surname* _____ nome/*name* _____

nato a/*born in* _____ il/*on* _____

consapevole delle sanzioni penali richiamate dall'articolo 76 del Dpr 445/2000 in caso di dichiarazioni non veritiere e falsità in atti

aware that providing false data and using fake documents are crimes punishable by law (art. 75 and 76 of the Presidential Decree N° 445/2000)

**dichiara sotto la propria personale responsabilità
declares under his/her own responsibility**

che le pubblicazioni/ i titoli sotto elencati, prodotti in copia, sono conformi all'originale:

that the publications and the qualifications listed below, produced as copies, comply with the originals:

Milano, _____

Data/*date*

Firma/*Signature*

Ai sensi dell'art. 3 del DPR 445/2000 l'autocertificazione può essere utilizzata solo dai cittadini appartenenti all'Unione Europea. I cittadini non europei devono produrre documenti originali o in copia autenticata secondo la normativa vigente.

According to the art. 3 of the Presidential Decree no. 445/2000, only Eu citizens are entitled to use this form. Non Eu citizens must submit the original documentation or photocopies authenticated in compliance with the law in force.



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