

UNIVERSITA' DEGLI STUDI DI BRESCIA

ANNOUNCEMENT OF A PUBLIC COMPETITION

**FOR ADMISSION
TO THE DOCTORAL SCHOOLS AND PH.D. PROGRAMS
OF THE UNIVERSITY OF BRESCIA**

YEAR 2012/13 - XXVIII CYCLE)

DEADLINE: September 27th 2012 at 12:00 pm

**THE ITALIAN VERSION OF THE PRESENT ANNOUNCEMENT
IS TO BE CONSIDERED THE OFFICIAL ONE.**



REG. XXX N. 597

THE CHANCELLOR

Whereas the Statute of the University of Brescia, issued with D.R. No. 68, December 2nd, 2011;
Whereas Law n. 210, issued on July 3rd, 1998, concerning "Rules Regulations for the recruitment of researchers and university professors and, in particular, Article 4, paragraph 2, stating:" The Universities establish their own Regulations to activate doctoral courses (Ph.D. programs), define the selection procedures to obtain the Ph.D. title; the Universities also define educational objectives, study programs, the duration and the contribution for admission and frequency; the Universities also define the procedures for awarding scholarships and the scholarship amount; the Universities may establish agreements with public and private Institutions in accordance with the general criteria and the eligibility requirements for the locations determined by the Minister ";

Whereas the Regulations of Doctoral Research (Ph.D.) adopted with Ministerial Decree no. 224, April 30th, 1999, published in the Official Gazette of the Italian Republic - no.162, July 13th,1999;

Whereas article 19, Law no. 240, December 30th, 2010 establishing the rules for the Ph.D. Programs and pending the MIUR decree as in art. 4, Law 210/1998, as amended by art. 19, Law 240/2010;

Whereas the Regulations of the University of Brescia on Ph.D. Programs, issued with D.R. No. 1006, July 5th, 2011 and subsequent amendments;

Whereas the Regulations of the University of Brescia on Doctoral Schools, issued with D.R. No. 748, March 24th, 2011;

Whereas the proposals of the Ph.D. Program Coordinators and Academic Boards to establish Ph.D. programs;

Whereas the Approval Resolutions of the Department Councils;

Whereas the advice of the Central Research Council of Research issued on July 3rd, 2012;

Whereas the Report of the University Evaluation Council issued on July 17th 2012;

Whereas the Resolution of the University Senate, July 27th, 2012 approving -the proposed PhD, for the year 2012/2013 - Cycle XXVIII;

Whereas the Chancellor's Decrees No. 594 and No. 595, dated July 31th, 2012, concerning the institution of the Doctoral School in Biomedical Science and Translational Medicine and the Doctoral School in Engineering Science;

With reservation

of any subsequent amendments to the notice of competition to be published exclusively on the website of the University of Brescia, at:

<http://www.unibs.it/organizzazione/concorsi-bandi-e-gare/bandi-studenti-e-laureati/dottorati-di-ricerca>

HEREBY DECREES

ART. 1 - INSTITUTION

The Doctoral Schools and Doctoral Programs (Ph.D. Programs) are instituted for the year 2012/2013 - XXVIII cycle. Public Competitions, by qualifications and exams, is hereby launched for admission at the Ph.D. Courses of the University of Brescia, listed below.

The number of scholarships referred to in this announcement may be increased following funding from public and private institutions, provided the related agreement is signed before the deadline for submission of application. The number of overall available positions, may not exceed twice the number of scholarships. Changes and/or additions to this announcement, as any increase in number of scholarships, information regarding the dates for admission exams will be published on the University website at:

<http://www.unibs.it/organizzazione/concorsi-bandi-e-gare/bandi-studenti-e-laureati/dottorati-di-ricerca>

This publication constitutes formal notice served to all intents and purposes.

ECONOMIC DISCIPLINES

Ph.D. in Economic Sociology

Coordinator: Prof. Giancarlo Provasi

Start: November 1st 2012

MEDICAL DISCIPLINE

Ph.D. in Cellular and Molecular Biotechnologies applied to Biomedical Sector

Part of the PhD School of Biomedical Sciences and Translational Medicine

Coordinator: Prof. Luigi Caimi

Start: November 1st 2012

Ph.D. in Molecular Genetics Applied to Medical Sciences

Part of the PhD School of Biomedical Sciences and Translational Medicine

Coordinator: Prof. Giuseppina De Petro

Start: November 1st 2012

Ph.D. in Microbiology

Part of the PhD School of Biomedical Sciences and Translational Medicine

Coordinator: Prof. Arnaldo Caruso

Start: November 1st 2012

Ph.D. in Neurosciences

Part of the PhD School of Biomedical Sciences and Translational Medicine

Coordinator: Prof. Mariacristina Missale

Start: November 1st 2012

Ph.D. in Medical-Forensic Science

Coordinator: Prof. Francesco De Ferrari

Start: November 1st 2012

ENGINEERING DISCIPLINES

Ph.D. in Places and Times of the City and the Area

Coordinator: Prof. Roberto Busi

Start: November 1st 2012

Ph.D. in Structural Rehabilitation of Historical and Modern Buildings

Coordinator: Prof. Giovanni Plizzari

Start: January 1st 2013

Ph.D. in Appropriate Methods and Technologies for International Development Cooperation

Coordinator: Prof. Carlo Collivignarelli

Start: January 1st 2013

Ph.D. in Technology for Health

Coordinator: Prof. Emilio Sardini

Start: January 1st 2013

Ph.D. in Electronic Engineering, Sensors and Instrumentation

Part of the PhD School in Engineering Science

Coordinator: Prof. Vittorio Ferrari

Start: January 1st 2013

Ph.D. in Mathematical Models and Methods for Engineering

Part of the PhD School in Engineering Science

Coordinator: Prof. Paolo Secchi

Start: January 1st 2013

Ph.D. in Applied Mechanics

Part of the PhD School in Engineering Science

Coordinator: Prof. Giovanni Legnani

Start: January 1st 2013

Ph.D. in Telecommunications Engineering

Part of the PhD School in Engineering Science

Coordinator: Prof. Riccardo Leonardi

Start: January 1st 2013

Ph.D. in Computer Science, Engineering and Control Systems

Part of the PhD School in Engineering Science

coordinator: Prof. Alfonso Emilio Gerevini

Start: January 1st 2013

Ph.D. in Materials for Engineering

Part of the PhD School in Engineering Science

Coordinator: Prof. Laura Eleonora Depero

Start: January 1st 2013

PhD in Design and Management of Integrated Logistic and Productive Systems

Part of the PhD School in Engineering Science

Coordinator: Prof. Marco Alberti

Start: January 1st 2013

PhD in Technologies and Energy Systems for the Mechanical Industry

Part of the PhD School in Engineering Science

Coordinator: Prof. Gian Paolo Beretta

Start: January 1st 2013

For each Ph.D. Course mentioned in this article, the location, the duration, the total number of available positions, any extra position for specific categories, the number of scholarships, the partner universities, the specific scientific fields, the research themes, the selection procedures and the criteria to form the final ranking list are indicated in the forms attached to each Ph.D. Course in Annex 1, which form an integral part of this Announcement.

ART. 2 - ADMISSION REQUIREMENTS

Candidates with the following degrees can apply to the selection for PhD Courses:

- a **University Degree** attained in accordance to the regulations that existed prior to the ministerial decree 509/99;
- a **laurea specialistica** (D.M 509/99) or a **laurea magistrale** (D.M. 270/2004) achieved in Italy;
- **any equivalent Academic Degree** attained from foreign Universities and previously recognised as suitable for this purpose by the Academic Authorities, also on the basis of interuniversity cooperation and mobility agreements.

Applicants **who obtain their degree after the deadline** for application submission can apply as candidates under reservation. They have to achieve the academic qualification required for access within the date of the first examination, according to the timetables set out in Annex 1 or published on University website later. At least one day prior to the first entrance exam they are required to submit, at the risk of exclusion from the public competition, a self-certification of the degree achieved with the final grade to fax number 0039 030 2988775 (U.O.C. Dottorati).

Applicants, **with a foreign academic qualification**, that has not already been declared equivalent to one of the qualifications required for admission, have to ask specifically for the competition at the Ph.D. Academic Board, the declaration of equivalence of the academic qualification for the sole purposes of admission to the Doctoral Course which they are interested in, and to attach to the on-line application form the following documents:

- a copy of their foreign academic qualification, with final grade, supported by a list of exams and grades, **both translated into Italian**, under their own responsibility;
- any other documents that certify and allow to evaluate the title possessed by the candidate (Diploma Supplement, curriculum vitae et studiorum, declaration of local validity if already obtained, etc.).

Applicants **with foreign academic qualification** will be eligible for selection conditionally and will be excluded from the Ph.D. program if after inspection it turns out that their degrees do not comply with the requirements of this announcement and do not allow the enrolment to a Doctoral Course.

Candidates that are successful during the selection should submit the documents described in Art. 7 (Enrolment Procedures).

ART. 3 - APPLICATION

The application form shall be submitted exclusively on-line, **from August 10th 2012 until September 27th 2012 at 12:00 pm** as follows:

Link to the University website at: <http://app.amm.unibs.it/ita/dott/Ita/Ita.jsp>
registration for the competition for admission to PhD courses - XXVIII cycle – year 2012/2013.

The candidate may apply for one or more Ph.D. programs.

For registration the following personal information is needed:

personal code corresponding to the Italian taxpayer's code, surname and name, place and date of birth, residence address, the Ph.D. Program chosen, academic degree attained, study course and final grade, address and telephone number, mobile phone, personal email address.

Foreign candidates who are residents abroad, do not have a personal code. Before online registration they must apply for a PERSONAL CODE TO BE USED ONLY TO REGISTER ONLINE, by sending an e-mail to dottorati@amm.unibs.it containing: surname, name, sex, place of birth, nationality and date of birth in dd / mm / yy. In the e-mail they should indicate: Call doctorates - request personal code.

A personal code will be sent shortly by e-mail to the applicant.

Applicants who achieve the required academic qualification after the deadline of this announcement (September 27th, 2012), can however submit the application within this deadline, stating in the application process on-line the expected date of graduation, indicating 00 as the grade and attaching to the curriculum vitae the request to be admitted conditionally.

Candidates who are interested in applying for more than one Ph.D. program should submit an application for each PhD chosen.

At the end of the online registration, applicants must print out the registration receipt and display it during the first exam.

Possibility to change the entered data

At the end of the first on-line registration, each candidate will be assigned a PIN code that can be used, in addition to the personal code, to change the personal and academic data. At the end of the changes it is necessary to print out again the registration receipt.

APPLICANTS MAY NOT MODIFY AND/OR INTEGRATE THE ATTACHMENTS ALREADY UPLOADED.

Applicants with foreign academic qualifications not yet declared equivalent to one of the qualifications required for admission must upload the documents mentioned in Art. 2

Applicants must upload a current curriculum vitae.

Applicants who did not fill out the obligatory fields in the online form will be excluded. Applications, attachments and other integrations on paper support will not be accepted.

According to Law no. 104, February 5th, 1992, disabled applicants must require additional time/ or assistance to be given during the selection procedure, in relation to their disability.

In this respect, personal data will be protected and treated with discretion according to the Italian Leg. Decree 196/03.

The University Administration may decide, at any time and for justified reasons, the exclusion of candidates from the procedures of this Announcement due to the lack of the required qualification.

ART. 4 - ENTRANCE EXAMINATIONS

The entrance examinations are conducted according to the procedures described for each course in

Annex 1 of this announcement.

Where provided, proof of knowledge of one or more foreign languages is to be given at the oral exam session. Candidates must choose among those indicated in the forms of each Ph.D. course.

The publication of the exam dates in the attached forms of this announcement (Annex 1) is valid as official notification thereof, for all purposes of law. Therefore candidates are required to present themselves at the competition's venue on the day and time indicated without prior notice. The absence of the candidate will be considered as a waiver of the competition, whatever the reason might be.

The exam dates not listed in the Annex 1 will be published on the University website, at:

<http://www.unibs.it/organizzazione/concorsi-bandi-e-gare/bandi-studenti-e-laureati/dottorati-di-ricerca>

at least 20 days in advance. This publication is valid as official notification thereof, for all purposes of law. Therefore candidates are required to present themselves without notice, at the competition's venue on the day and time indicated.

No communication will be sent to candidates. The absence of the candidate will be considered as a waiver of the competition, whatever the reason might be.

Those who have achieved a minimum score of 40/60 in the written exam, if required, should present themselves at the oral exam without notice.

The outcome of the written exam will be posted at the Department Official Register where the exam was held. During the exam, the Examination Committee will notify the applicants when the exam results are to be posted.

At the exam session, candidates must show a valid identity document and the online registration receipt. **Candidates with no ID will be excluded.**

Foreign candidates, residing abroad, can participate in the oral exam/presentation of a research project by teleconferencing, if provided in the forms of each PhD course.

The exams by teleconferencing will be held in the same dates as in Annex 1 or published later.

For foreign candidates: examinations can also be given in English.

ART. 5 - EXAMINATION COMMITTEE

The Examination Committee for the admission to the Ph.D. Courses is nominated by the Rector on the proposal of the Ph.D. Academic Board. It will be composed of at least three members, chosen among professors and researchers and may also include no more than two experts, including foreigners, from national bodies and public and private research institutes.

The Examination Committee gives up to 60 points for each exam (written and oral exam, where both required). Each exam is passed only if the applicant achieves a minimum mark of 40/60. The qualification assessment will be added to the overall score of the exams.

If there are two or more candidates of equal merit:

for positions covered by a scholarship, priority shall be given to the appraisal of the applicants' economic situation in accordance with DPCM 30.04.1997 published in the Official Gazette of the Italian Republic no. 132 dated 03.06.1997;

for positions without scholarship, the priority is given to younger candidate.

When the exams are concluded, the Examination Committee will draw up a final ranking report on the basis of marks obtained in each exam plus the evaluation of the qualifications. This report will be sent to the Chancellor for all matters of jurisdiction.

ART. 6 - ADMISSION TO COURSES

Candidates will be admitted in the same order as on the merit ranking list until all positions have been covered for each Doctoral research. Prior to the beginning of the course, any remaining vacant positions will be made available to the classified candidates next on the ranking list.

The candidate that is included in more than one ranking list, has to exercise the option for only one Ph.D. Course.

ART. 7 - ENROLMENT PROCEDURES

Candidates successfully positioned in the final merit ranking list compiled on the basis of total scores reported, are admitted to the Doctoral Course in relation to the number of positions available.

The final merit ranking list of candidates are published on the website:

<http://www.unibs.it/organizzazione/concorsi-bandi-e-gare/bandi-studenti-e-laureati/dottorati-di-ricerca>

The publication of the merit ranking list on University website are considered official communication valid for all purposes and therefore personal communication will not be provided to the candidates who took the exams.

The enrolment application terms will be published with the publication of the final merit ranking list.

Publication of the enrolment terms is considered official communication valid for all purposes of notification.

The winners, who do not complete enrolment within the terms published, will be considered to have renounced and the remaining vacant positions will be assigned to the next candidates on the merit ranking list.

To allow the allocation of the overall available positions, candidates who renounce to enrol must send a written communication with a copy of a valid ID, front and back, to the UOC Dottorati by fax 0039 030 2988775 as soon as possible.

Candidates who have been admitted shall deliver or send **the following documents** to the U.O.C. Dottorati, Via S. Faustino 74/B – Brescia- Italy (public opening hours: from Monday to Friday from 10.00 to 13.00):

(A) Enrolment application to the Ph.D program;

(B) Degree self-certification (in accordance with art. 46, DPR 445/2000), adequate proof of degree / degree or graduate under the old system;

(C) Self-certification (in accordance with art. 46, DPR 445/2000), where they also state:

- that they have / have not already been awarded, even partially, of any other scholarship for doctoral studies;
- that they are not enrolled and that they will not enrol in another academic Course (laurea vecchio ordinamento, laurea specialistica o magistrale), Master Course or PhD Course, for the duration of the course above mentioned;
- that they are not enrolled / and that they will not enrol in a School of Specialization - non-medical area. If enrolled, they declare that they will suspend their attendance before the beginning of Ph.D course, where that is foreseen; if they are enrolled to last year of School of Specialization, they will state to conclude the specialization training before the beginning of Ph.D;

The candidate, already in possession of the title of Ph.D. achieved with the benefit of a scholarship, may be allowed to attend if they pass the selection exams, a second Ph.D program only without a scholarship. If there are two or more candidates of equal merit, priority shall be given to the candidate who obtained the PhD scholarship for the first time;

- that they will ask to the PhD Academic Board authorization to work or to keep the job that they have at the time of enrolment to the course.
- (D) a photocopy of a valid identity document, front and back;
- (E) 2 identical passport-size photos;
- (F) receipt of payment of enrolment fee indicated in Article 9;
- (G) Only for the winners with scholarship: a self certification (in accordance with art. 38, DPR 445/2000), is to be submitted stating:
 - that they are not combining the scholarship with other scholarships awarded for any purpose, except those awarded by national or international institutes which serve to supplement, with stays abroad, the research activities of the scholarship holders;
 - the number of bank account with IBAN for payment of scholarship;
 - Registration of INPS (Italian National Social Security).

Winners **WITH FOREIGN ACCADEMIC QUALIFICATION** must also submit:

- Original qualifications with the official translation, notarization of the qualification and dichiarazione di valore in loco (declaration of local validity) issued by the Italian diplomatic or consular office competent on the matter in the State under the legislation of which law the educational qualification has been issued in the country in which it was awarded the title. The Declaration of local validity must indicate that the candidate's academic qualification in the Country where it has been achieved is valid for enrolment at a similar PhD Course.
- Valid Residence Permit or copy of request to the competent Authorities (only for non-EU citizens).

Candidates **with foreign academic qualification**, that cannot deliver such documentation at the time of enrolment, will be admitted **conditionally** and will be excluded from the Doctoral Course if they don't deliver such documentation **by the end of the first year**. They also will be excluded from the Ph.D. program if after inspection it turns out that their degrees do not comply with the requirements of this announcement and do not allow the enrolment to a Doctoral Course.

The enrolment application with all documents above mentioned, **can be sent** by registered post (mail) and return receipt, **at the University of Brescia – Servizio Protocollo, Piazza Mercato 15-25121 Brescia - Italy, within the enrolment terms indicated**, writing on the envelope "Enrolment application to Doctoral course in "

If sent by post the postmark is not considered as proof of mailing date.

Applications submitted by fax or e-mail will not be accepted.

Under current regulations, **the public employees** admitted to the PhD Courses are placed, upon application and compatibly with administrative requirements, on special leave for study reasons for the duration of the course and where required conditions are met can benefit from scholarship.

In the event of admission to a Doctoral Course without a scholarship, or waiver of scholarship, the interested party, while on leave, keeps their salary, pension and retirement contributions from the public administration with whom they will have a working relationship.

If, after obtaining a doctorate, the working relationship with the administration in the following two years terminates, the amounts received must be returned.

Public employees who have already received the PhD degree or those public employees who have been enrolled in the doctoral programs for at least one academic year, are not entitled to special leave with or without pay.

The period of extraordinary leave is for the purpose of career advancement, retirement and

insurance (Law 476/1984, Law no. 448/2001 and Law 240/2010).

In case of false statements, the candidates shall be excluded from the course and sanctions will be imposed according to the Penal Code and other relative laws.

ART. 8 - SCHOLARSHIPS

The amount granted for a scholarship is **€ 13,638.48 per year** (gross) and is subject, to INPS (Italian National Social Security) deduction. For the year 2012 it amounts to 27,72% of which 1/3 paid by the recipient of the grant, unless otherwise determined by law.

The scholarships will be granted on the basis of the order of the respective merit rankings established by the Examination Committees, until all available scholarship have been assigned for each Doctoral Course.

If there are two or more candidates of equal merit, priority shall be given to the appraisal of the applicants' economic situation in accordance with DPCM 30.04.1997 published in the Official Gazette of the Italian Republic no. 132 dated 03.06.1997.

The scholarship is awarded for the entire duration of the Doctoral program.

The scholarship is paid every two months.

The amount of the scholarship will be increased for any period of study abroad to the extent of 50%.

Those who have already received a scholarship for doctoral studies, may not obtain a second one.

Information on regional study scholarships for students without a scholarship, information for accommodation, meals, etc.. can be requested to U.O.C. Diritto allo studio:

<http://www.unibs.it/didattica/diritto-allo-studio/richiesta-servizi-diritto-allo-studio-aa-2012/13>

ART. 9 – ACCESS AND ATTENDANCE FEES

Postgraduate Students enrolled in Ph.D. Course in the year 2012/2013 must pay the following contributions and fees:

Postgraduate Students with scholarships (including those who have given up the scholarship):

Stamp duty, using virtual stamping system, € 14,62

Regional Tax Study Right € 140,00

Total sum € 154,62

Postgraduate Students without a scholarship:

Stamp duty, using virtual stamping system, € 14,62

Regional Tax Study Right € 140,00

Tuition fee € 192,57

Total sum € 347,19

Postgraduate Students with the following requirements are exempt from tuition fees (except for Regional Tax Study Right):

1. Students eligible for a regional study scholarship;
2. Students with a disability up to or exceeding 66%.

The enrolment fee will be refunded to those who are beneficiaries of the regional study scholarship

or eligible for a scholarship according to the ranking list published.

ART. 10 - POSTGRADUATE STUDENTS' OBLIGATION

Postgraduate students are expected to attend steadily the activities provided for their educational program within the locations intended for that purpose, and to submit to the PhD Academic Board, a report on the activities and the research conducted at the end of each year and the doctoral thesis with original scientific contributions at the end of the course.

Following the evaluation of the student, the PhD Academic Board decides on the admission of the student to the following year.

With motivated decision, the PhD Academic Board may also propose to the Chancellor the exclusion from the course.

ART.11 - GRADUATION

The Doctor Research degree is awarded at the conclusion of the PhD cycle, when the student passes the final examination, which shall require the submission of a written dissertation (PhD Thesis) which gives an account of an original research leading to relevant scientific results. This examination may be repeated only once in the next regular session.

ART.12 - STANDARDS

For any details not dealt with explicitly in this Announcement, regulations contained in the Law no. 210/1998, Min. Decree 224/1999, Law no. 240/2010, the Regulation of University PhD Courses, the Regulations of each doctoral programs and the Main Regulatory in force regarding PhD, will apply.

ART.13 - INFORMATION

In accordance with Italian Legislative Decree 196/2003, all the information provided will be processed solely for purposes connected with this announcement and with the enrolment procedures to Doctoral Courses.

In accordance with Article 5, Law No. 241, August 7th, 1990 and subsequent changes, the Proceeding Official Head is Ms. Diana Omelio, Administrative Head of U.O.C.C. Post laurea.

Any further information in relation to this announcement, can be requested at U.O.C. Dottorati e-mail dottorati@amm.unibs.it

Brescia, 3 agosto 2012

The Chancellor
(Prof. Sergio Pecorelli)

THE ITALIAN VERSION OF THE PRESENT ANNOUNCEMENT IS TO BE CONSIDERED THE OFFICIAL ONE.