

Decree Index No. **924** Prot. No. **9006**  
Date 31 March 2011  
Section III Class 6  
UOR. SDR

POLITECNICO DI MILANO



**DEADLINE: 25<sup>th</sup> May 2011**

- In accordance with Law no. 168 dated 9.5.1989;
- In accordance with the Prime Ministerial Decree of 30.4.1997 and its subsequent amendments;
- In accordance with Law no. 210 dated 3.7.1998;
- In accordance with the regulations pertaining to Ph.D.s adopted on 30.04.1999 with Ministerial Decree (MD) no. 224;
- In accordance with Law no. 240 dated 30.12.2010;
- Pending MIUR regulation pursuant to art. 4 of Law no. 210 dated 3.7.1998, as amended by art. 19 of law no. 240 dated 30.12.2010;
- In accordance with the resolutions of the Academic Senate in its meetings of 13.12.2010 and 14.02.2011;
- In accordance with the resolutions approved by the Board of Directors in its meeting of 14.12.2010 and 22.2.2011

#### **HEREBY DECREES:**

##### **Art. 1**

The Politecnico di Milano has published the admission selection call for the 27th cycle of Ph.D. programmes.

In this call, the number of positions, the number of available scholarships, and the number of scholarships for foreign nationals is specified for each Ph.D.

Additional positions and scholarships may become available before the completion of assessment, subject to the same deadlines for the candidates' application to the admission selection, and the submission of the requested documentation described by article 3 below.

For the purposes of effectively activating a Ph.D. Course, the minimum number of students registered for the Ph.D. may not be less than three.

The call is open to Italian and foreign nationals. Displaced persons are considered as foreign nationals. In the case of dual nationality, one of them being Italian, the applicant must choose (for the sole purpose of the selection procedure for scholarships reserved for foreigners) the Italian citizenship;

Admission to Ph.D. programmes will be determined on the basis of an assessment of the educational CV, the cover letters and a document illustrating the development of a possible Ph.D. research project which the applicants must send at the time of registration for selection, according to article 3 below.

With the exception of that provided for in the Executive Ph.D. programme, the Ph.D. programme foresees a three-year commitment.

##### **(Types of positions)**

Ph.D. positions fall into the following categories:

a) positions with Ph.D. scholarships awarded by the Politecnico di Milano.

The scholarships may be either generic or restricted to a specific research topic.

These scholarships are open to individuals that are not subject to employment or fixed-term contracts or public employees or employees on leave.

b) positions without Ph.D. scholarships awarded by the Politecnico di Milano, subject to payment of admission and tuition fees. These scholarships are open to citizens not subject to employment or fixed-term contracts (compensation in the form of university research grants or compensation disbursed from national, EU or international public institutions is nevertheless allowed) or public employees or employees without leave. In the latter case, the applicant must be undergoing the Executive Ph.D. programme (in accordance with the procedures and deadlines provided for by article 7 below);

TITLE OF Ph.D. COURSE	POSITIONS (*)	of which	
		general scholarships	scholarships for foreigners
<b>ROTARY-WING AIRCRAFT</b>	12	3	
<b>INTERIOR ARCHITECTURE AND DESIGN</b>	11	3	
<b>ARCHITECTURE, URBAN DESIGN, CONSERVATION OF HOUSING AND LANDSCAPE</b>			
Area 1. Architecture, Housing, Territory, Conservation	9	2	
Area 2. Conservation and Sustainability	2	1	
<b>BIOENGINEERING</b>	26	8	
<b>INDUSTRIAL CHEMISTRY AND CHEMICAL ENGINEERING</b>	24	4	
<b>ARCHITECTURAL COMPOSITION</b>	9	3	
<b>PRESERVATION OF ARCHITECTURAL HERITAGE DESIGN</b>	11	3	
<b>DESIGN</b>	20	6	1
<b>PHYSICS</b>			
Area 1. Laser Physics, Photonic devices and applications	12	3	
Area 2. Solid state physics: advanced spectroscopy, scanning probe microscopy, nanostructure fabrication	12	2	
<b>TERRITORIAL DESIGN AND GOVERNMENT</b>	10	3	
<b>AEROSPACE ENGINEERING</b>	18	4	
<b>ENVIRONMENTAL AND INFRASTRUCTURE ENGINEERING</b>	20	5	
<b>MATERIALS ENGINEERING</b>	19	4	
<b>BUILDING ENGINEERING</b>	10	3	
<b>INFORMATION TECHNOLOGY</b>			
Area 1. Computer Science and Engineering	36	8	2
Area 2. Electronics	18	3	1
Area 3. Systems and Control	18	4	1
Area 4. Telecommunications	18	4	1
<b>ELECTRICAL ENGINEERING</b>	8	2	1
<b>MANAGEMENT, ECONOMICS AND INDUSTRIAL ENGINEERING</b>	32	7	1
<b>MECHANICAL ENGINEERING</b>			
Area 1. Dynamics and vibration of mechanical systems and vehicles	8	1	1
Area 2. Machine and vehicle design	7	1	
Area 3. Manufacturing and Production Systems	7	1	
Area 4. Methods and tools for Product design	7	1	
Area 5. Materials	7	1	
Area 6. Measurements and experimental techniques	7	1	
<b>STRUCTURAL SEISMIC AND GEOTECHNICAL ENGINEERING</b>	28	6	1
<b>MATHEMATICAL MODELS AND METHODS IN ENGINEERING</b>			
Area 1. Mathematical Models and Methods in Engineering	24	6	
Area 2. Mathematical Models and Methods in Materials Science	4	1	
<b>URBAN AND ARCHITECTURAL DESIGN</b>	11	3	
<b>DESIGN AND TECHNOLOGIES EXPLOITATION FOR THE CULTURAL HERITAGE</b>	8	3	
<b>ENERGETIC AND NUCLEAR SCIENCE AND TECHNOLOGY</b>	16	6	
<b>SPATIAL PLANNING AND URBAN DEVELOPMENT</b>	10	2	1
<b>TECHNOLOGY AND DESIGN FOR ENVIRONMENT AND BUILDING</b>	13	3	

(\*) Research subjects, specific activities and economic conditions are available on the web page " Research areas, subjects and topics published in the call" (<http://www.ricerca.polimi.it/index.php?id=4732>)

If, at the end of the selection procedures, positions with or without a scholarship should still be available due to non-allocation, these may be redistributed by the Ph.D. School.

As for additional scholarships, the complete list with the corresponding forms will be available on-line on 20.06.2011 at the web page "Additional research scholarship topics" (<http://www.ricerca.polimi.it/index.php?id=4733>). The available scholarships will be restricted to the study of a specific research topic by the applicant (topic scholarships). Candidates will be allowed to state their preferences concerning available scholarships for the Ph.D. Course/Area for which they are applying. Preferences are to be expressed from 20.6.2011 to 30.6.2011, via the on-line procedure available at <http://www.phd-admission.polimi.it>. Candidate who do not indicate any preferences in due time, will be considered only for the allocation of generic scholarships, and will be therefore excluded from scholarship awards restricted to specific research topics.

**(Ph.D. positions in partnership with companies and external institutions: Executive Ph.D.)**

In order to promote interaction and integration between university research and the growth and innovation of companies and external institutions, the Ph.D. School of the Politecnico di Milano may create Ph.D. programmes in partnership with companies and external institutions (Executive Ph.D.). The Executive Ph.D. programme has been designed for the purposes of:

- solving research problems that are of interest to companies and external institutions;
- developing knowledge for the enrichment, growth and innovation of companies and external institutions;
- offering professional growth paths for brilliant and motivated employees, thereby increasing the staff retention capacities of companies and external institutions.

The Executive Ph.D. programme requires a structured commitment normally lasting four years. The educational objectives, the research activities and any associated costs for the external company or institution will be established in a separate agreement between the company/institution to which the successful applicant belongs, and the Faculty Board of the involved Ph.D. programme.

Employees of a company or external institution, who are admitted to a Ph.D. Course but do not attain a period of leave from their company or external institution in order to complete the Ph.D. programme, must necessarily enrol in an Executive Ph.D. programme to be carried out in agreement between the Ph.D. School and their company or external institution (as specified in Article 8 below). Moreover, they are not qualified to receive the scholarships supplied by the Politecnico di Milano (as specified in Article 10 below). All employees must explicitly indicate their status upon Course enrolment.

**Art. 2**

**(Requirements for participation in the selection)**

The following individuals may file an application to participate in the competition for admission to the selection described in the above article Italian and foreign citizens holding one of the following titles: an Italian University degree obtained as a result of the regulations preceding the MDNo 509 of 3.11.1999, a Master of Science obtained pursuant to MD No 509 of 3.11.1999, a Master of Science obtained pursuant to MD No 270 of 22.10.2004, or an equivalent academic qualification obtained abroad, comparable in duration and content to the above Italian qualifications, and approved in advance by the competent academic authorities.

If the foreign degree has already been declared equivalent to an Italian degree, applicants must specify the Italian University and the date of the Rectoral Decree declaring such equivalence. In the case of equivalence issued by the Italian Ministry of University and Research (MIUR), applicants should provide the appropriate references.

On the other hand - and if the foreign degree has not yet been declared equivalent to any Italian degree - applicants must submit an explicit request for attaining this recognition of equivalence within the application for participation in the call. In addition, they are asked to deliver all documents that may be necessary for the Faculty Board of the selected Ph.D. Course to establish the recognition of the foreign academic degree and for the sole purposes of admission to such Ph.D..

Those who have not completed their degree course at the time of the selection deadline may also apply for participation in the admission selection. Following the assessment of the examination boards, any admission of such applicants to Ph.D. programmes will be "with reservation".

All candidates admitted "with reservation" which obtain the qualification by 30.09.2011 must enrol within the same deadline with start of activities on 1.10.2011. Those who obtain their qualification from 1.10.2011 to 31.12.2011 must enrol by 10.1.2012 with start of activities on 1.1.2012.

Applicants are required to speak the English language at the B2 level or above, certification of which must be submitted by 30.9.2011 from one of the official certifying Bodies, according to the parameters set in the following table:

TEST	LEVEL B2
BRITISH INSTITUTES	Minimum level: - First Examination Master in English Language - First Examination Master in English Language Vantage - Vantage
CAMBRIDGE	Minimum level: FCE – C
CAMBRIDGE IELTS (International English Language Testing System)	Minimum Level: level 5
ETS - TOEFL (Test of English as a Foreign Language)	paper based (total score): $\geq 497$
ETS - TOEFL (Test of English as a Foreign Language)	computer based (total score): $\geq 170$
ETS - TOEFL (Test of English as a Foreign Language)	Internet based (total score): $\geq 59$
ETS - TOEIC (Test of English for International Communication - Listening and Reading Test )	$\geq 600$
TRINITY COLLEGE LONDON	Minimum level: ISE II

The above certification is valid regardless of the date of attainment of the same.

The following applicants are exempted from certifying a level B2 knowledge of the English language: citizens of countries in which English is an official language, and applicants who have attained a High School diploma or who have already attained or will attain a Bachelor or Master of Science within an Institution in which all teaching activity is carried out in English. These applicants must attach official documentation as evidence of the above.

Such certification must reach the Ph.D. Service no later than 30.09.2011.

Failure to comply with the above provisions will result in exclusion from enrolment in the Ph.D. programme.

### Art. 3 Applications for selection

Admission applications, one for each Ph.D. programme applied for, and the corresponding attached documentation must be drafted and sent exclusively in electronic format by **May 25, 2011**, using the on-line procedure available at <http://www.phd-admission.polimi.it>

The specified deadline is to be considered final.

Applicants are responsible for verifying the correct completion of the procedure and no claims will be accepted for any malfunctions of the IT system.

In the admission application, the applicant declares the following under his/her own responsibility:

- general information, date and place of birth, place of residence and address selected for the purposes of the selection (specifying the ZIP code, phone number, e-mail address and possible Skype contact). Applicants are requested to promptly notify any changes to their place of residence and/or address;

- citizenship;

- degree qualification held (see art. 2), specifying: date of attainment of the degree, University from which this degree was attained, official duration of the course, a list of exams taken during the course and the corresponding grades, the grading scale used for the exams, the overall grade point average (GPA) and the corresponding GPA scale, the title of the degree thesis, a summary of the thesis topic (maximum 1,000 characters) and the name of the thesis supervisor;

or,

academic qualification (see art. 2) from a foreign Institution declared equivalent to the Italian degree, specifying: date of attainment of the degree, Institution from which this degree was attained, official duration of studies, a list of exams undertaken during the course of the studies and the relative grades, the grading scale used for the exams, the overall grade point average (GPA) and the relative GPA scale, the title of the degree thesis, a summary of the thesis topic (maximum 1,000 characters), the name of the thesis supervisor as well as the date of the Rectoral Decree which declares the equivalency of the degree with the Italian qualification. In the case of equivalence issued by MUIR, the applicant must provide the appropriate references. In the case that the foreign degree has not been declared equivalent to an Italian degree yet, the applicant must send a request for equivalence – in conjunction with any useful documentation—to the Faculty Board of the Ph.D. for which admission is requested

in order for the same to deliberate on the equivalency of the degree for the sole purposes of admission to such Ph.D.;

or,

that he/she expects to attain an Italian Degree (see art. 2) or equivalent degree by 31.12.2011, specifying the Institution from which this degree will be attained, the official duration of studies, a list of exams taken during the course of studies (up to the time of application) and the corresponding grades, the grading scale used for the exams, the list of exams which must still be taken (specifying the total number, the name of each individual exam and the relative educational credits), a summary of the provisional thesis topic (maximum 8,000 characters) and the name of the thesis supervisor;

- the Ph.D. programme applied for with a description of the reasons for applying to the selected Ph.D. programme (max 2,500 characters);

- that he/she possesses a certificate attesting knowledge of the English language at the B2 level (as specified in art. 2 of this call);

or,

- that he/she will produce without fail – by the deadline of 30.9.2011 – a certificate attesting knowledge of the English language at the B2 level (as specified in art. 2 of this call).

- to commit to attending the Ph.D., in accordance with the provisions of this call, the Regulations of the Politecnico di Milano concerning Ph.D. programmes as well as the procedures determined by the Faculty Board;

- to authorize the competent offices to process, communicate, distribute and disclose any personal data, even by means of the procedures pursuant to art. 6 of this call, in accordance with Legislative Decree 30.6.2003 n. 196 ("Code regarding the protection of personal data");

- to be an employee of the Company/Organization (specify the name of the Company/Organisation)

or,

- not to be an employee of any Company/Organization;

- to be available to participate in an Executive Ph.D. programme.

Specifies for which research areas (max. 2 with order of preference) he/she is applying for, amongst those possibly proposed in the specific Ph.D. programme for which the application is made.

Illustrative tables of research areas **are available at the web page "Research areas, subjects and topics published in the call"** (<http://www.ricerca.polimi.it/index.php?id=4732>)

Moreover, the applicant is requested to attach to the application and curriculum vitae completed on-line, the following documents in PDF format:

- 1) illustrative documents of the development of a possible Ph.D. research project (if the specific Ph.D. programme applied for foresees research areas, a document for each research area applied for must be attached, for a maximum of two), drawn up according to the preset format. (Notice however that the research illustrated in the documents sent with the application does not necessarily represent the research which will be developed during the Ph.D. itself. In case of admission, the Ph.D. research project to be effectively carried out will be defined at a later stage, and approved by the Faculty Board of the reference Ph.D., after having initiated Ph.D. activity, according to the regulations of the Ph.D. School);
- 2) publications, if any (list all publications of the three years preceding the date of this notice, and upload in PDF format the most significant two);
- 3) documentation concerning the academic qualification (either attained or yet to be attained) required for admission to selection and declared in the application and in the CV;
- 4) documentation certifying the attainment of other academic qualifications declared in the CV, if any;
- 5) certificate attesting to knowledge of the English language at the B2 level *or* any official documentation which may be useful for exempting the applicant from certification of knowledge of the English language at the B2 level (as specified in art. 2 of this call)
- 6) certification attesting to knowledge of the other languages declared in the CV, if any;
- 7) up to two names of referents, complete with postal address, e-mail address, telephone number, and possible Skype contact;
- 8) the outcome of any GRE or GMAT test taken in the two years preceding the expiry date of the call;
- 9) documents which may be deemed useful by the Faculty Board for deliberating on the equivalence of the attained (or to be attained) academic qualification from a foreign Institution, for the sole purposes of admission to the Ph.D. programme;

- 10) a duly signed photocopy of an identity document; a photocopy of the passport is required for non-EU citizens;
- 11) tax code (mandatory for Italian applicants, if possessed by foreign applicants; the latter will in any case need to regularize their tax position at the time of enrolment);
- 12) photocopy of the receipt of payment of the fee of € 25.82.

The fee of € 25.82 is due for each application presented.

Payment of the fee may be made by means of one of the following modalities:

a. Bank transfer to bank account no. 000001600X69 in the name of the Politecnico di Milano, BANCA POPOLARE DI SONDRIO – Branch Office no. 21 (international SWIFT code POSOIT22 - IBAN IT34T0569601620000001600X69), specifying the following as the description for the payment: "APPLICATION FEE FOR ADMISSION TO THE COMPETITION FOR THE PH.D. COURSE in (specify the title of the Ph.D. programme), 27th CYCLE";

b. On-line payment by credit card (VISA, MasterCard, American Express): instructions are available at the web page "Admission fees and payment procedures"

<http://www.ricerca.polimi.it/index.php?id=4727>

**All the abovementioned documents must be attached to the on-line application in PDF format.**

All documents submitted must be in Italian or English. The required documents (degree certificate, completed exams and grades as well as any required information) must - if drafted in another language - be translated into Italian or English by the diplomatic or consular delegation of competence or by an official translator.

**The Administration reserves the right to request, at any time, that the original copies of the documents sent via the on-line procedure be produced and to proceed with the exclusion of candidates from selection and from the Ph.D., should the declarations and documentation presented turn out to be false.**

The University Administration may, at any time and with a justified provision, exclude candidates from the selection process if they do not possess the requirements provided for in this call for applications.

#### **Art. 4 (Admission Committees)**

Admission Committees relative to admission selection for the Ph.D. Courses listed in article 1 are established in compliance with art. 5 of MD no. 224 of 30.04.1999, and the regulations pertaining to Ph.D. Courses of the Politecnico di Milano.

#### **Art. 5 Assessment criteria**

Applicants who are duly registered in the selection procedure are admitted to the Ph.D. programme following an assessment of qualifications by the Admission Committee.

Assessment of qualifications for admission to the selected Ph.D. programme depends on the assessment of the quality of the applicant as well as his/her aptitude for research within the scientific ambit of the research areas of such Ph.D. for which the applicant has applied (see art. 3 above), as emerges from his/her CV, cover letter providing reasons of interest in the research, and illustrative document of the development of a possible research in the area of the Ph.D. programme applied for, sent together with the application. (It is to be repeated that the research illustrated in the documents sent on application to the admission selection does not necessarily describe the research which will be developed during the Ph.D. itself. In case of admission, the Ph.D. research project to be effectively carried out will be defined at a later date and approved by the Faculty Board of the reference Ph.D., after having initiated Ph.D. activity, according to the regulations of the Ph.D. School.)

The Admission Committee has 100 points available to assess each application.

If the Ph.D. foresees subdivision in areas, the Admission Committee makes a ranking for each area chosen by the applicant, in compliance with a maximum score of 100 points for each area.

The score is divided as follows:

- CV: maximum of 50 points;
- reasons for admission to the selected Ph.D. programme: maximum of 15 points;
- illustrative document of the development of the possible research in the area of the Ph.D. programme applied for: maximum of 35 points.

An applicant is considered eligible if he/she attains a total score of at least 60 out of 100 points.

The Committee may contact applicants for an interview on the material submitted (this interview does not involve additional points).

In order to assign scholarships restricted to specific research topics, for each applicant considered eligible for admission to the course, the Committee will suitability assess with respect to the scholarships for which the applicant declared his/her preference, based on the documentation presented in the application.

**Art. 6**  
**(Creating the rankings)**

At the end of the assessment work, each Admission Committee prepares a report containing the results achieved by each applicant in the admission assessment, according to art. 5. These results are used for the determination, up to the number of positions available, of positions with a Politecnico di Milano scholarship, without scholarship and of eligible applicants not admitted.

A ranking is drawn up for each research area of each Ph.D. Course, subject to assessment of eligibility (see art. 1). Positions are assigned according to this ranking.

Scholarships are awarded based on the preferences expressed by the applicant and the eligibility declared by the Admission Committee. If no preferences have been expressed, the applicant is only considered for the allocation of generic scholarships.

The rankings will be published on 28.7.2011 at the "Rankings" page  
(<http://www.ricerca.polimi.it/index.php?id=4737>)

**Art. 7**  
**(Admission procedures)**

For applicants placed in the ranking list there are two admissions:

First admission - for applicants already in possession, as of 30.9.2011, of the required qualification (art. 2 of the call)  
Enrolment by 30.9.2011  
Ph.D. beginning 1 October 2011

Second admission - for applicants who obtain the required qualification (art. 2 of the call) in the period 01.10.2011 to 31.12.2011 and those entitled to first replacement enrolled by 12.12.2011  
Enrolment by 10.1.2012  
Ph.D. beginning 1 January 2012

**Art. 8**  
**(Enrolment procedures)**

All candidates who are approved for admission **and who have attained the required academic qualification** must enrol between September 12<sup>th</sup> and 30<sup>th</sup>, 2011. Otherwise they lose their right to admission to the Ph.D. programme. When enrolling, approved candidates must provide the competent office with:

- 1) application for enrolment in the Ph.D. programme for which they have been accepted;
- 2) certification of qualification requested in art. 2 of the call;
- 3) certification of knowledge of the English language at the B2 level, in accordance with art. 2 (if not already presented by 25.5.2011);
- 4) 1 recent photograph, passport size
- 5) duly signed photocopy of an identity document; a photocopy of the passport is required for non-EU citizens;
- 6) tax code;

If the candidate is admitted to the Ph.D. in a position without a scholarship from the Politecnico di Milano with the payment of admission and tuition fees:

- 7) copy of the receipt of payment of the first instalment of taxes and fees, totalling € 618.00

Payment of enrolment fees may be made by means of one of the following methods:

**a.** wire transfer to bank account no. 000001600X69 addressed to the Politecnico di Milano, BANCA POPOLARE DI SONDRIO – Branch Office no. 21 (international SWIFT code POSOIT22 - IBAN IT34T0569601620000001600X69), specifying the following as the description for the payment: "FIRST INSTALMENT OF TAXES AND FEES FOR THE PH.D. in (specify the title of the Ph.D. programme), 27th CYCLE";

**b.** On-line payment by credit card (VISA, MasterCard, American Express): instructions are available at the web page "Enrolment fees and payment procedures" (<http://www.ricerca.polimi.it/index.php?id=4227>)

The second instalment for the settlement of the balance, totalling € 882.00, must be paid using the same method by 30.6.2012.

All the above documentation must arrive **by the final deadline of 30 September 2011** by one of the following means:

1. hand delivery to the Ph.D. Service of the Politecnico di Milano, Piazza Leonardo da Vinci 26 - Milan (Monday to Friday, from 9 am to 12.30 pm)

or

2. registered letter addressed to the Rector of the Politecnico di Milano, Piazza Leonardo da Vinci, 32 – 20133 Milan, Italy. **The date of the receipt stamp of the competent Offices of the Politecnico di Milano and not the date of postage of the application** shall be valid. The documentation can be sent in advance by fax to the fax no. +39-02-2399.9700 along with a copy of the identity document or passport.

All those eligible for admission to the Ph.D. but who, **as at 30.9.2011, have not yet attained the required academic qualification, must send within the same deadline of 30.9.2011 and according to the same methods specified above (failure to do so will result in loss of right to admission):**

1. **Attachment A** of this call, filled in all its parts in order to accept conditional admission in accordance with art. 2;
2. certification of knowledge of the English language at the B2 level, in accordance with art. 2 (if not already presented by 25/05/2011).
3. duly signed photocopy of an identity document; a photocopy of the passport is required for non-EU citizens.

Any applicants who have not yet attained the required academic qualification by **30.9.2011** must enrol as indicated above by the final deadline of 10 January 2012 and at the same time present the appropriate documentation certifying the attainment of said academic qualification. The documentation must be sent in accordance with the abovementioned procedures.

**Any documentation received after 10 January 2011, the abovementioned final deadline, cannot be taken into consideration, thereby resulting in automatic exclusion from the Ph.D. programme.**

Enrolment or acceptance of the position (Attachment A) by 30.9.2011, implies exclusion of the applicant from all other lists in which he/she was eligible.

Failure to comply with the above provisions will result in exclusion from enrolment in the Ph.D. programme.

#### **Art. 9 (Replacements)**

If a position becomes available due to renouncement of an applicant admitted in a ranking corresponding to a research area of a Ph.D. programme, the applicant in the next ranking position is admitted.

Regarding scholarships restricted to specific research topics, the replacement applicant must have opted for and obtained eligibility for the same topic as well.

Those who have not submitted by 30.9.2011 certification of knowledge of the English language at B2 level are excluded from replacement rankings.



Replacement procedure timing is shown in the following table and the lists of those entitled to replacement will be published on the web page "replacements" (<http://www.ricerca.polimi.it/index.php?id=4734>)

<b>Deadline for the first enrolment phase for applicants who have already attained a degree and conditional acceptance of positions for applicants that have not yet attained a degree</b>	<b>30.09.2011</b>
<b>1st replacement: publication of replacement list</b>	<b>10.11.2011</b>
<b>1st replacement: deadline for enrolment/position acceptance of the first group of available replacements</b>	<b>12.12.2011</b>
<b>Deadline for the second enrolment/position acceptance phase for applicants previously conditionally accepted since they had not yet attained a degree</b>	<b>10.01.2012</b>
<b>2nd replacement: publication of replacement list</b>	<b>18.01.2012</b>
<b>2nd replacement: final deadline for enrolment/position acceptance of second group of replacements</b>	<b>25.01.2012</b>

**Applicants who do not enrol and accept positions within the deadlines established for each phase will be considered to have renounced to such positions and will lose the right to admission to the Ph.D. Enrolment applications and declarations of acceptance of positions presented with procedures other than those described above will not be accepted.**

Enrolment or acceptance of the position (Attachment A) by the date indicated above for replacements implies exclusion of the applicant from all other lists in which he/she was eligible.

#### **Art. 10 (Scholarships and contributions)**

Scholarships from the Politecnico di Milano have a maximum duration of three years and are confirmed on an annual basis following a resolution for approval for the subsequent year by the Faculty Board of each individual Ph.D. Course. The basic amount of the scholarship is € 13,638.47 per annum gross of social security contributions. This amount will be adjusted with any increase under the provisions of the law.

Departments to which the Ph.D.s refer may, with their own funds, increase the base amount of the Ministerial scholarship by contributing towards the cost of housing for foreign and Italian Ph.D. students away from home and issue bonuses at the end of the third year.

Ph.D. students without a scholarship may benefit from contributions provided by Departments, limited to the cost of accommodation for Italian and foreign students away from home, and bonuses issued at the end of the third year

The increases and contributions provided by Departments are given in the documentation describing research subjects and topics; such documentation is an integral part of this call and is available at the following websites:

- "Research areas, subjects and topics published in the call" (<http://www.ricerca.polimi.it/index.php?id=4732>) for scholarships published in the call;
- "Additional scholarship research topics" (<http://www.ricerca.polimi.it/index.php?id=4733>) for topic scholarships published on 20.6.2011.

For the periods spent abroad (lasting a minimum of one month and a maximum of 18 months) at Universities or Research Institutes the scholarship is increased by 50%. The amount taken as the basis of calculation is the Ministerial value of the scholarship, unless otherwise stated in the conventions foreseen by the funding Institutions. Such periods must be approved by the Coordinator or the Faculty Board of the Ph.D. Course.

The amount due for taxes and fees may be adjusted on an annual basis.

Candidates receiving research grants may not combine these amounts with the Ph.D. scholarship.

Ph.D. scholarships are subject to the provisions relative to tax benefits pursuant to article 4 of Law no. 476 of 13.08.1984 and subsequent regulatory provisions.

Scholarships may not be combined with other scholarships, regardless of the reason for their conferral, with the exception of those disbursed by national or foreign institutions for the integration of training or research activities by means of stays abroad.

Individuals having received a scholarship (even if for just one year) may not apply for a scholarship a second time.

In order for a public employee to benefit from a scholarship he/she must, subject to the employee's requirements, be approved for a leave of absence without pay and, upon enrolment, must submit the corresponding documentation certifying the attainment of the leave of absence above.

On the other hand, if the candidate has not received a scholarship and attains a leave of absence, he/she will continue to receive the social security and retirement contributions from the public administration with which he/she is employed.

An employee of a company or private entity admitted to the Ph.D. programme with a scholarship must be approved for a leave of absence in order to receive the scholarship and, at the time of enrolment, must submit the corresponding documentation certifying the attainment of the leave of absence above. If the applicant has not received a leave of absence from the company or private entity, he/she does not retain the right to receive a scholarship. In this case, the implementation of the Ph.D. must be structured as a programme in partnership with the company or private entity (Executive Ph.D., art. 1).

In addition, pursuant to article 8 of the Prime Ministerial Decree of 9.4.2001, holders of scholarships from autonomous regions or provinces, or foreign students receiving scholarships from the Italian government – within the ambit of programmes for development cooperation and cultural and scientific inter-governmental agreements, as well as any relative periodical executive programmes – are exempt from payment of admission and tuition fees.

If a Ph.D. student, during the course, renounces to the scholarship, the residual amount of such scholarship will be assigned to the first student in the same cycle and Ph.D. programme without a scholarship, according to their ranking, taking into account eligibility for topic scholarships.

In order to take over the scholarships, replacement Ph.D. students must accept the topic associated with the assigned scholarship, if any.

For each year of enrolment, regional taxes, accident insurance premiums, stamp duties and any taxes foreseen by current legislation are automatically deducted from the scholarship amount.

#### **Art. 11**

##### **(Compulsory attendance and enrolment in subsequent years)**

At the beginning of each year, the Ph.D. candidate must present a formal enrolment application and pay any taxes and fees due.

Enrolled students are required to attend the Ph.D. programmes and must continually – on a full-time basis (with the exception of those registered in Executive Ph.D. programmes) – implement study and research activities within the facilities assigned for this purpose, in accordance with the procedures determined by the Faculty Board.

The teaching format and educational contents of Ph.D. programmes are determined in compliance with Politecnico di Milano Regulations pertaining to Ph.D.s.

#### **Art. 12**

##### **(Common rules)**

Multiple enrolments in more than one Ph.D. programme are prohibited, either in the same or in different Institutions. Applicants obtaining admission to more than one Ph.D. programmes must opt for enrolment in one of these and will be excluded from all other rankings in which they were admitted or eligible. Multiple enrolments in a Ph.D. programme and a University degree, or a graduate school, or a specialization course, or a University Master's Degree are prohibited.

Those enrolled in Graduate Schools and who are accepted to attend a Ph.D. programme must suspend their current specialization studies until the Ph.D. programme is completed.

Candidates enrolled in Ph.D. programmes are requested to attend courses and to carry out studies and research within the facilities designated for that purpose in accordance with the procedures determined by the Faculty Board.

Enrolment of employees of private companies and external institutions is regulated by articles 1 and 10 (Executive Ph.D.)

Successful applicants, were they employees, must be placed on leave except in cases of Executive Ph.D. programmes.

Successful applicants may perform a limited amount of fixed-term contract activities in support of teaching and research within the University.

Applicants declare, under their own responsibility and in full awareness of the penal sanctions foreseen in case of false declarations, that all the documentation sent on line corresponds to the original and undertakes to prove so by exhibiting the original documents upon request.

**Art. 13**  
**(Attainment of the Ph.D. qualification)**

The qualification of Ph.D. is granted by the Rector of the Politecnico to those who, at the end of the course, have attained results of significant scientific value documented by means of a final written thesis or graphical work. These results are confirmed by a Evaluation Committee whose establishment is determined by MD no. 224 of 30.04.1999 and the regulations pertaining to Ph.D.s of the Politecnico di Milano.

Certification of graduation is subject to submission by the interested party of the final thesis in digital format for inclusion in the University archives in addition to hard copies foreseen, or submission in accordance with the provisions in force at the time of submission. The University is then responsible for submitting the thesis, in accordance with the law, with the National Libraries of Rome and Florence. A brief synopsis of the contents of the thesis (1,500 characters or less), drafted in English, is also required for inclusion within the website of the University.

**Art. 14**  
**(Norms of reference)**

For all that is not explicitly mentioned in this call, reference is made to the norms contained in Law no. 28 of 21.02.1980, Presidential Decree no. 382 dated 11.07.1980, Law no. 298 dated 30.11.1989, Law no. 210 dated 3.07.1998, Ministerial Decree no. 224 dated 30.04.1999, the Regulations of the Politecnico di Milano pertaining to Ph.D. programmes as well as any other relevant provisions contained within current legislation.

For additional information, please contact the Politecnico di Milano Ph.D. Service - Piazza Leonardo da Vinci 26 - 20133 Milan, Italy (from Monday to Friday, 9.00 am to 12.30 pm) tel. +39 02 2399.9758-9779-9798-9747, fax +39 02 2399.9700.

This call will be sent to the Ministry of Education, Universities and Research and will be published in the Official Gazette of the Italian Republic. It may also be consulted at the webpage "27th cycle Ph.D. call - 2011/2012" (<http://www.ricerca.polimi.it/index.php?id=4731>).

Milan, 31 March 2011

**THE RECTOR**  
**Prof. Giovanni Azzone**

Selection for admission to the Ph.D. programme - 27th cycle.....

**Attachment A**

The undersigned ..... born in ..... on .....  
resident in .....

having participated in the selection for admission to the Ph.D. in \_\_\_\_\_  
\_\_\_\_\_ 27th cycle

Research area (*if applicable*) \_\_\_\_\_

and having been deemed eligible for inclusion in the ranking,

hereby declares

to currently be not in possession of the qualification required by art. 2 of the selection call RD No 924 Prot. No 9006 of 31.03.2011, to accept conditional admission to the abovementioned course and any area of research and to undertake, in accordance with art. 2 of the selection call to obtain the qualification before 31.12.2011 and send the same to the Ph.D. Service **by 10.1.2012** with the procedures indicated in art. 8 of said call,

and also declares to be aware of the fact

that any documentation received by the Ph.D. Service after 10.01.2012 will not be taken into consideration and will give rise to automatic exclusion from the Ph.D. programme without the possibility of putting forth any claim

and finally declares

that – by the same date of 10.01.2012 – he/she undertakes to submit the enrolment application along with documentation certifying the attainment of the requested qualification in addition to paying the admission fee, if applicable.

The following are attached:

- certification of knowledge of the English language at the B2 level, in accordance with article 2 of the selection call (if not already presented by 25.5.2011);
- duly signed photocopy of an identity document; a photocopy of the passport is required for non-EU citizens.

Date

Signature