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POLITECNICO DI MILANO



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Politecnico di Milano, on the website of  
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DEADLINE: 23/05/2014**

- Having regard to law no. 168 of 9.5.1989;
- Having regard to Prime Ministerial Decree of 30.4.1997 as amended;
- Having regard to Law no. 240, 30.12.2010;
- Having regard to MUIR Decree no. 45 of 08.02.2013, "Regulations concerning the method and accreditation of the locations and Ph.D. programmes and criteria for the institution of Ph.D. programmes by accredited bodies";
- Having regard to the Regulations of the Politecnico di Milano regarding Ph.D. programmes, issued with D.R. no. 1769, 18/06/2013, and subsequent amendments;
- Having regard to the resolution of the Academic Senate on 17/02/2014;
- Having regard to the resolution of the Board of Directors on 25/02/2014;

#### **HEREBY DECREES:**

##### **Article 1 (Institution)**

The Politecnico di Milano has published the admission selection call for the 30th cycle of the Ph.D. programmes.

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

Additional positions and scholarships may become available before the completion of assessments and until the same are concluded, subject to application deadlines, on the part of applicants, for admission selection and submission of the corresponding documentation required by Article 3 below.

For the purposes of effectively activating the Ph.D. programme, 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) Italian citizenship.

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

With the exception of that provided for in art. 1-ter, the Ph.D. programme foresees a three-year commitment.

**Pursuant to MIUR Decree no.45 of 08/02/2013, Ph.D. programmes can be activated only with accreditation granted by the Ministry, with compliant opinion of ANVUR. Therefore, after publication of the ranking it will be possible to enrol only if such accreditation has been received.**

##### **Art. 1 bis (Types of positions)**

The 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 particular research topic.

These scholarships are open to citizens that are not subject to employment or independent contractor contracts or public employees or public 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) or public employees or employees without leave; in the latter case, the applicant must be undergoing the Executive PhD programme;

**TABLE OF PLACES AVAILABLE for the 30th cycle**

<b>TITLE OF Ph.D.</b>	<b>TOTAL NO. OF PLACES</b>	<b>generic scholarships</b>	<b>scholarships reserved for foreigners</b>
<b>ARCHITECTURE, BUILT ENVIRONMENT AND CONSTRUCTION ENGINEERING</b>	<b>40</b>	<b>11</b>	
<b>BIOENGINEERING</b>	<b>32</b>	<b>9</b>	
<b>INDUSTRIAL CHEMISTRY AND CHEMICAL ENGINEERING</b>	<b>25</b>	<b>7</b>	
<b>PRESERVATION OF THE ARCHITECTURAL HERITAGE</b>	<b>12</b>	<b>4</b>	
<b>DESIGN</b>	<b>15</b>	<b>4</b>	<b>1</b>
<b>PHYSICS</b>			
Area 1. Laser Physics, Photonic devices and applications	<b>24</b>	<b>4</b>	
Area 2. Solid state physics: advanced spectroscopy, scanning probe microscopy, nanostructure fabrication	<b>15</b>	<b>3</b>	
<b>AEROSPACE ENGINEERING</b>			
Area 1. Aerospace Engineering	<b>20</b>	<b>7</b>	
Area 2. Rotary-wing Aircraft	<b>15</b>	<b>1</b>	
<b>ENVIRONMENTAL AND INFRASTRUCTURE ENGINEERING</b>			
Area 1. Hydraulic Engineering	<b>7</b>	<b>1</b>	
Area 2. Hydrology, hydraulic construction, water resources and coastal engineering	<b>7</b>	<b>1</b>	
Area 3. Environmental technologies	<b>7</b>	<b>1</b>	
Area 4. Transport infrastructures and Geosciences	<b>7</b>	<b>1</b>	
Area 5. Geomatics	<b>7</b>		<b>1</b>
<b>MATERIALS ENGINEERING</b>	<b>22</b>	<b>5</b>	<b>1</b>
<b>INFORMATION ENGINEERING</b>			
Area 1. Computer Science and Engineering	<b>36</b>	<b>8</b>	
Area 2. Electronics	<b>18</b>	<b>5</b>	
Area 3. Systems and Control	<b>18</b>	<b>5</b>	
Area 4. Telecommunications	<b>18</b>	<b>5</b>	
<b>ELECTRICAL ENGINEERING</b>	<b>10</b>	<b>4</b>	
<b>MANAGEMENT, ECONOMICS AND INDUSTRIAL ENGINEERING</b>	<b>27</b>	<b>12</b>	<b>1</b>
<b>MECHANICAL ENGINEERING</b>			
Area 1. Dynamics and vibration of mechanical systems and vehicles	<b>20</b>	<b>3</b>	<b>1</b>
Area 2. Machine and vehicle design	<b>20</b>	<b>3</b>	
Area 3. Manufacturing and Production Systems	<b>10</b>	<b>2</b>	
Area 4. Methods and tools for Product design	<b>10</b>	<b>1</b>	
Area 5. Materials	<b>10</b>	<b>1</b>	
Area 6. Measurements and experimental techniques	<b>10</b>	<b>1</b>	
Area 7. Biomechanical Engineering	<b>10</b>	<b>1</b>	
<b>STRUCTURAL, SEISMIC AND GEOTECHNICAL ENGINEERING</b>	<b>20</b>	<b>5</b>	
<b>MATHEMATICAL MODELS AND METHODS IN ENGINEERING</b>	<b>40</b>	<b>9</b>	
<b>ARCHITECTURAL, URBAN AND INTERIOR DESIGN</b>	<b>10</b>	<b>4</b>	
<b>ENERGY AND NUCLEAR SCIENCES AND TECHNOLOGIES</b>	<b>15</b>	<b>7</b>	
<b>URBAN PLANNING, DESIGN AND POLICY</b>	<b>11</b>	<b>5</b>	<b>1</b>

Research subjects, specific activities and economic conditions will be available on the web page "Areas, subjects and topics of research published in the call" <http://www.dottorato.polimi.it/index.php?id=156&L=1> before the start of assessments. Increases in places and scholarships will nevertheless be possible until closure of assessments.

**Art. 1 ter**  
**(Ph.D. positions in collaboration with companies and external institutions:  
Executive PhDs and apprenticeship contracts for advanced education)**

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 collaboration with companies and external institutions (Executive PhD and apprenticeship contracts for advanced education).

These programmes have the objective of:

- addressing research issues 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 promotion possibilities in companies and external institutions.

The Executive PhD and apprenticeship contracts for advanced education normally require a 4 year commitment.

The educational objectives, the research activities and any associated costs for the external company or institution are established in agreement between the company/institution to which the winning applicant belongs and the Department of the Ph.D. programme in question.

Places for Executive PhDs and apprenticeship contracts for advanced education will be in oversupply compared to the number of places provided for in the call, to the extent of a maximum of 10 places for Executive PhDs and 10 places for advanced education apprenticeship Ph.D.s, based on specific agreements signed with interested companies.

**Article 2**  
**(Requirements for participation in the selection)**

Applications may be submitted by Italian and foreign citizens holding a Laurea (equivalent to a Bachelor of Science) degree obtained pursuant to MD No 509 of 3.11.1999 or a Laurea Magistrale (equivalent to Master of Science) degree obtained pursuant to MD No 509 of 3.11.1999 or Master of Science obtained pursuant to MD No 270 of 22.10.2004 or equivalent academic qualification obtained abroad, comparable in duration and content to the Italian qualification and approved in advance by the admissions commissions.

If the case of a foreign qualification, applicants must file an explicit request for recognition in the application for participation in the competition and submit all documents useful for the admissions commissions to deliberate on the suitability of the foreign qualification.

Only the following applicants will be admitted to the competition:

- those who have obtained a Master of Science in Italy (or equivalent qualification valid for admission to the Ph.D.) **with minimum marks of 95/110** (any votes in cents will be recalculated);
- those who have, for qualifications obtained in foreign countries, the **minimum average examinations marks indicated in the appendix to the competition call**; (Attachment 1). For those countries not included in this table the assessment will be submitted directly to the admissions commission.

Those who are not in possession of the required qualification at the deadline of the call may also apply. Following the assessment of the examination boards, any admission of such applicants to Ph.D. programmes will be "subject to verification".

The academic qualification must in any case be acquired by 31/10/2014 and with the minimum marks indicated above, under penalty of losing of the right to admission to the Ph.D.

All applicants are required to have proficiency in English, submitting one of the certificates listed below no later than the enrolment deadline, if not already submitted at the deadline of expiry of the call.

Failure to submit certificates within the established enrolment deadline irrevocably entails loss of right to enrolment.

Below are the certifications accepted by the Politecnico di Milano and corresponding levels:

TEST	MINIMUM LEVEL REQUIRED
CAMBRIDGE	≥ FCE grade B
CAMBRIDGE IELTS (International English Language Testing System)	≥ 6
ETS - TOEFL (Test of English as a Foreign Language)	paper based (total score): ≥ 547
ETS - TOEFL (Test of English as a Foreign Language)	computer based (total score): ≥ 210
ETS - TOEFL (Test of English as a Foreign Language)	Internet based (total score): ≥ 78
ETS - TOEIC (Test of English for International Communication - Listening and Reading Test )	≥ 720
TRINITY COLLEGE LONDON	≥ ISE II

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

The following applicants are exempted from certifying knowledge of the English language: citizens of countries in which English is an official language and applicants who have attained or will attain an academic qualification in an institution in which all teaching activity is carried out in English. These applicants must attach official documentation supporting the above: in particular, if all courses are delivered in English, a statement to that effect on the part of the academic institution is required.

### Article 3 Requests to participate in the call

Applications for admission to the competition – one for each Ph.D. Course applied for – and the corresponding attached documentation must be drafted and sent exclusively in electronic format **by 2 pm (all times indicated in this notice are understood to be Italian times) on 23.05.2014**, via the on-line procedure available at the website <http://www.phd-admission.polimi.it>. The specified deadline is to be considered final.

The application, until it is confirmed, can be saved and modified by the applicant an indefinite number of times. After confirmation it can no longer be modified.

The applicant is responsible for verifying the correct completion of the procedure and no claims will be accepted for any malfunctions of the IT system.

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

- personal details, date and place of birth, place of residence and address selected for the purposes of the selection (specifying the ZIP code, telephone number e-mail address and possible Skype contact). The applicant also commits to promptly notify any changes to his/her place of residence and/or address;
- citizenship;
- academic qualification possessed and required for admission to the Ph.D. programme, specifying: the date of attainment of the qualification, the university from which it was attained, the official duration of the programme, marks and corresponding grading scale (where applicable);

or

- academic qualification possessed and required for admission to the Ph.D. programme, attained from a foreign university and declared to be equivalent to an Italian degree, specifying: date of attainment of the qualification, University from which it was attained, the official duration of the programme, the final marks associated with the qualification attained and the corresponding grading scale, as well as the date of the rectoral decree declaring equivalence of the qualification with the Italian degree. If equivalence has been issued by the MIUR, the applicant must indicate the appropriate references.

In the event that the foreign qualification has not been declared equivalent to the Italian degree, the applicant must attach to the application all documents useful for recognition and assessment of the qualification for the sole purposes of admission to the Ph.D. programme;

or

- that the academic qualification is expected to be attained by 31.10.2014, specifying the University at which it will be attained and the official duration of the programme;
- to be in possession of a certificate attesting knowledge of the English language as specified in art. 2 of this call;

or,

- that the applicant will submit without fail by the deadline foreseen for enrolment, a certificate attesting knowledge of the English language as specified in art. 2 of this call.
- **the Ph.D. programme applied for with a description of the reasons for applying to the selected Ph.D. programme (max 2,500 characters)**; specify 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.dottorato.polimi.it/index.php?id=156&L=1>
- any names (max. 2) of references, complete with e-mail address telephone number and possible Skype contact;
- **if you intend to compete for a scholarship: this option is binding for the possible allocation of the scholarship and can no longer be exercised after expiry of the call. After expiry of the call, the applicant may express the option for one or more topic scholarships, according to the procedures and deadlines defined in article 3 bis.**
- to undertake to attend 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 Committee;
- 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");

Attach to the application:

- certificate attesting knowledge of the English language as specified in art. 2 of this call;
- in PDF format, an illustrative document 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 RTF format available in the procedure (note moreover that the research illustrated in the documents sent with the application does not necessarily represent that 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 Committee of the reference Ph.D., after having initiated the Ph.D.);
- in PDF format, a curriculum vitae according to the prepared scheme available in RTF format in the procedure.  
The applicant must provide the information requested in the CV scheme.  
In particular, the CV must contain the list of all publications, uploading in PDF format the two considered the most significant;
- in PDF format, documentation concerning **all university qualifications** (attained or to be attained), with the diploma, if received, in the original language, and the list of examinations and corresponding marks;
- duly signed photocopy of an identity document; a photocopy of the passport or other identity document is required for non-EU citizens with translation into Italian or English;
- photocopy of the tax code, compulsory for Italian applicants. Foreign applicants must in any case subsequently be in possession of the tax code to finalise enrolment;

For each application a non-refundable fee of € 25.82 is due.

Payment of the fee may be made by MAV order form or credit card following the instructions in the online application submission procedure.

All documents submitted must be in Italian or English. **If drawn up in another language they must be translated into Italian or English.**

**The Administration, at any time during the proceedings and even after the start of the Ph.D. programme, can check the truthfulness of statements made and require the submission of original documents.**

**It may, therefore, 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.**

**Art. 3 bis  
(Topic scholarship option)**

The applicant, provided the desire to compete for a scholarship has indicated in the application, may opt for a topic scholarship by accessing the on-line procedure <http://www.phd-admission.polimi.it> between 10am on 16/06/2014 and 2pm on 23/06/2014. The topic scholarships will be available on the webpage <http://www.dottorato.polimi.it/index.php?id=157&L=1>

**Article 4  
(Admission Commissions)**

Admissions commissions relative to admission selection for Ph.D. programmes pursuant to art. 1 are constituted in compliance with the Ph.D. regulation of this University.

**Article 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 Admissions Commission within the limit of places available.

The assessment of suitability for admission to the selected Ph.D. programme depends on the review of the quality of the candidate as well as his/her aptitude for research within the scientific ambit of the research areas of said Ph.D. programme for which the applicant has expressed the desire to compete, on the basis of his/her CV, cover letter motivating interest in the research and illustrative documents of the development of possible research in the areas of the Ph.D. programme applied for, sent together with the application. It is underlined that the research illustrated in the documents sent on application does not necessarily represent that which will be developed during the Ph.D. programme itself; in case of admission, the Ph.D. research project to be effectively carried out will be defined and approved at a later date by the Faculty Committee of the Ph.D. in question, after having initiated the Ph.D. activity, according to the Ph.D. School Regulations.

The Admissions Commission has 100 points available to assess each application. If the Ph.D. foresees subdivision in areas, the Admissions Commission 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 broken down 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: a maximum of 35 points.

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

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

In order to assign topic scholarships, for each applicant considered eligible for admission to the course, the Commission will assess suitability with respect to topic scholarships for which the applicant declared their preference, based on the documentation presented in the application.

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

On termination of assessment, a ranking is drawn up by each Admissions Commission, according to the criteria outlined in the previous article, for each research area: places, with or without scholarship, will be assigned in the order defined in the corresponding ranking.

Scholarships are awarded to eligible candidates according to:

1. the ranking position
2. eligibility for any options expressed by the applicant for topic scholarships

If the applicant is eligible for both a generic as well as a topic scholarship, the commission will decide which scholarship to assign, bearing in mind the overall assessment, the qualifications and the documentation submitted.

Rankings will be published **starting from 25/07/2014** at the "Rankings and replacements" page <http://www.dottorato.polimi.it/index.php?id=49&L=1>

**Article 7**  
**(Obligations subsequent to publication of the rankings)**

**Acceptance of the scholarship**

Applicants, admitted with a scholarship of any kind, are subject to the following requirements:

via the procedure [www.phd-admission.polimi.it](http://www.phd-admission.polimi.it) from **10am on 25/07/2014 to 2pm on 08/09/2014** must declare:

- in which programme/area in which he/she has been accepted with scholarship he/she intends to enrol. Acceptance of the scholarship for a programme/area is binding and precludes the applicant from all other rankings
- or
- if he/she renounces the scholarship for all programmes/areas in which he/she was accepted as scholarship holder. In case of renunciation of the scholarship, the applicant, for each programme/area, must indicate whether he/she intends to enrol as a paying student or whether he/she renounces enrolment.

**Renunciation of the scholarship and/or enrolment is irrevocable.**

**Failure to comply with the requirements and the deadlines stated above involves the irrevocable loss of the scholarship and will allow the applicant to enrol only as a paying student.**

**Applicants who accept the scholarship may proceed immediately with the enrolment, if they are in possession of the required qualification and certification of English, and in any event within the deadlines and in the manner indicated in art. 8 below.**

**All applicants, should they no longer intend to enrol in a Ph.D., may irrevocably renounce enrolment, in order to make places available for other applicants.**

**Art. 7 bis**  
**(1st replacement – acceptance of scholarships and acceptance of places with fees for all applicants)**

Having fulfilled the obligations pursuant to art. 7, for each programme/area a replacement ranking will be established based on the criteria pursuant to art. 6. Replacement rankings will be published at the "Rankings and replacements" page <http://www.dottorato.polimi.it/index.php?id=49&L=1>  
It should be noted that even during replacement, scholarships and any topic scholarships can only be awarded to applicants who have opted for the same, pursuant to art. 3 and art. 3 bis, and have been judged eligible by the Admissions Commission.

**The 1st replacement ranking will be published starting from 22/09/2014.**

The applicant:  
admitted with a scholarship following replacement  
admitted to places with fees  
admitted to places with fees not having previously accepted the scholarship

via the procedure [www.phd-admission.polimi.it](http://www.phd-admission.polimi.it) from **10am on 22/09/2014 to 2pm on 29/09/2014** must declare:

- in which programme/area in which he/she has been accepted with scholarship he/she intends to enrol. Acceptance of the scholarship for a programme/area or for a place with fees is binding and precludes the applicant from all other rankings
- or

- if he/she renounces the scholarship for all programmes/areas in which he/she was accepted as scholarship holder or places to which they he/she was admitted with fees. In case of renunciation of the scholarship, the applicant, for each programme/area, must indicate whether he/she intends to enrol as a paying student or whether he/she renounces enrolment.

**Renunciation of scholarships and enrolment for places with fees is irrevocable.**

**Failure to comply with the above requirements and deadlines implies:**

**for applicants admitted with scholarship following replacement, the irrevocable loss of the scholarship and possibility to enrol only with fees;**

**for applicants admitted to places with fees, the irrevocable loss of the place;**

**for applicants admitted to places with fees not having previously accepted the scholarship, the irrevocable loss of the place.**

**Applicants who accept the scholarship and the place with fees may proceed immediately with the enrolment, if they are in possession of the required qualification and certification of English, and in any event within the deadlines and in the manner indicated in art. 8 below.**

**All applicants, should they no longer intend to enrol in a Ph.D., may irrevocably renounce enrolment, in order to make places available for other applicants, according to the replacement procedure indicated in art. 7 ter below.**

**Art. 7 ter  
(2<sup>nd</sup> replacement)**

Having fulfilled the obligations pursuant to art. 7, for each programme/area a second replacement ranking will be established based on the criteria pursuant to art. 6.

Replacement rankings will be published at the "Rankings and replacements" page <http://www.dottorato.polimi.it/index.php?id=49&L=1>

It should be noted that even during replacement, scholarships and any topic scholarships can only be awarded to applicants who have opted for the same, pursuant to art. 3 and art. 3 bis, and have been judged eligible by the Admissions Commission.

**The 2<sup>nd</sup> replacement ranking will be published starting from 13/10/2014.**

**Applicants admitted with scholarship or for places with fees must accept the scholarship and enrol by 31/10/2014, provided they are in possession of the required qualification and certification of English.**

**Art. 8  
(Enrolment procedures)**

In addition to accepting places with scholarships, all applicants, eligible for admission in the rankings pursuant to articles 6, 7, 7-bis and 7-ter, must **enrol**, under penalty of forfeiture of the right to admission to the Ph.D. programme:

**Applicants who accepted the scholarship after publication of the general ranking**

from 10 am on 25/07/2014 to 2 pm on 31/10/2014 provided they attain the qualification with the required marks and the level of English indicated in art. 2 by 31/10/2014, with start of activity in November 2014.

**Applicants who accepted the scholarship or place with fees after publication of the 1<sup>st</sup> replacement ranking**

from 10 am on 22/09/2014 to 2 pm on 31/10/2014 provided they attain the qualification with the required marks and the level of English indicated in art. 2 by 31/10/2014, with start of activity in November 2014.

**Applicants who accepted the scholarship or place with fees after publication of the 2<sup>nd</sup> replacement ranking**



from 10 am on 13/10/2014 to 2 pm on 31/10/2014 provided they attain the qualification with the required marks and the level of English indicated in art. 2 by 31/10/2014, with start of activity in November 2014.

Enrolment must take place via the specific application available at [www.phd-admission.polimi.it](http://www.phd-admission.polimi.it)

If the case of a foreign qualification, it is necessary to submit to the Registrar's Office before the enrolment deadline (only for the academic qualification required for admission to the Ph.D. programme):

**academic qualification issued by a country outside the European Union:**

- 1) sworn translation of the qualification by a consular delegation
- 2) declaration of value issued by the diplomatic delegation of the country in which the qualification was attained;  
or  
Diploma Supplement in English

**academic qualification issued by a country belonging to the European Union:**

- 1) sworn translation of the qualification by a consular delegation
- 2) Diploma Supplement in English  
or  
suitable documentation in Italian or English

Ph.D. students admitted to places with fees are required to pay fees and contributions of 1,501.38 euros for each year of enrolment.

Such payment is in 2 instalments:

- payment of the first instalment of 751.38 euros must be made at the time of enrolment by MAV order form or credit card, following the instructions in the online enrolment procedure;
- payment of the second instalment of 750.00 euros must be made by 30.06.2015 by MAV order form or credit card by logging on to the students personal page and following the instructions.

**Article 9  
(Scholarships and contributions)**

Scholarships disbursed by 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 on the part of the Faculty Committees of the individual Ph.D..

The basic amount of the scholarship is € 13,638.47 per annum gross of social security contributions to be borne by the beneficiary. This amount will be adjusted with any increase under the provisions of the law.

Scholarships come into effect on the date of actual commencement of attendance of the programme.

For all Ph.D. students with scholarship, payment of the first instalment will take place starting from 20 December 2014.

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

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

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.dottorato.polimi.it/index.php?id=156&L=1>

for scholarships published in the call;

- "Additional scholarship research topics" <http://www.dottorato.polimi.it/index.php?id=157&L=1>

for topic scholarships published by 16.06.2014.

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% for each month of permanence abroad. 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 Committee of the Ph.D.

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.

Those having benefited from a scholarship for a Ph.D. programme, even partially, may not apply for a second time.

In order for a public employee to benefit from a scholarship the same must, subject to the requirements of his/her administration, be approved for a leave of absence without pay. 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, subject to any repayment of amounts in the event of voluntary termination within the two years following attainment of the Ph.D.

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. On the other hand, 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 entity (Executive PhD, art. 1-bis).

Ph.D. students holding scholarships awarded by the Politecnico di Milano, be they from funds allocated by ministerial decrees or from University funds or from funds disbursed by public or private institutions, shall be exempted from payment university taxes and tuition fees. In addition to and in compliance with Article 8 of the Decree of the Premier of 9.4.2001, candidates who receive scholarships from autonomous regions or provinces, or foreign students receiving scholarships from the Italian government – within the ambit of programs for development cooperation and cultural and scientific inter-governmental agreements, as well as any relative periodical executive programs – are exempted from the payment of registration taxes and university fees. These beneficiaries are nevertheless obliged to pay the regional tax for student benefits and grants, insurance and administrative expenses amounting to Euro 185.58, to be made before expiry of the first instalment and according to the procedures outlined in art. 8. Students with a disability of at least 66% are also exempted from payment of enrolment and tuition fees, apart from the above payment of Euro 185.58.

If a Ph.D. student, during the programme, renounces the scholarship, the same in its total or residual amount 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. Replacement Ph.D. students, in order to benefit from the scholarship, must accept the topic and conditions associated with the scholarship awarded.

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.

Ph.D. students admitted without a scholarship are required to pay the first and second instalment of taxes and tuition fees. The amount due for taxes and tuition fees may be adjusted on an annual basis.

#### **Article 10**

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

Each year Ph.D. students are subjected to an examination to be admitted to the next year. If the exam is passed an admission assessment of A, B, C or D is given. If the exam is not passed, the Ph.D. student will be defined as Repeating or Not Eligible to continue the Ph.D. programme: if Repeating, the scholarship will be suspended during the repeated year and disbursed again if at the end of the year, the Ph.D. student is admitted to the next year; if Not Eligible to continue the the scholarship will be revoked. In the annual exam of the third year the Ph.D. student will be assessed for admission to the final exam with the external Commission. Should the student have achieved satisfactory results, but needs

additional time for preparation of the thesis, he/she may obtain an extension of 6 or 12 months, with payment of the fee of Euro 185.58.

For each year of the programme, Ph.D. students admitted without a scholarship are required to pay the first and second instalment of taxes and tuition fees.

Ph.D. students admitted to the first year who apply to renounce their studies by 30/11/2014, will be refunded the amount of the first instalment, except for administrative costs amounting to 45.58 euros. 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 Academic Board.

If students enrolled with scholarships fail to conduct the study and research activity continuously, the Academic Board may propose withdrawal of the scholarship at any time with a suitably justified resolution.

#### **Art. 11**

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

Multiple enrolments in more than one Ph.D. programme at the Politecnico di Milano or another University are prohibited. Applicants obtaining admission to several Ph.D. programmes must opt for enrolment in one of these and will be excluded from all other rankings in which he/she was admitted or eligible. Multiple registrations in a Ph.D. programme and a Bachelor of Science programme or a Master of Science programme or at a Graduate School or in a specialisation programme or University Master programme 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.

Successful candidates may be given assignments to support teaching and research: these assignments must be authorised in advance by the Ph.D. Programme Director.

#### **Article 12**

##### **(Attainment of the Ph.D. qualification)**

The qualification of Ph.D. is awarded after passing the final examination which may be repeated once only. The final thesis must be written in Italian or English or in another language subject to authorisation by the Academic Board.

The results are confirmed by a Commission whose establishment is determined by the Ph.D. regulations of this University.

The qualification is issued by the Rector of the Politecnico di Milano.

#### **Article 13**

##### **(Reference regulations)**

For all that is not explicitly mentioned in this call, reference is made to the regulations contained in Law no. 398 of 30.11.1989, in Law no. 240 of 30.12.2010, in MIUR Decree no. 45 of 08.02.2013, "Regulations concerning the method an accreditation of the campuses and Ph.D. programmes and criteria for the institution of Ph.D. programmes by accredited bodies", in the Regulations of the Politecnico di Milano pertaining to Ph.D. programmes, in the University Regulations on industrial property rights, as well as any other applicable provisions issued within current legislation.

For any further information, interested parties may contact the PhD Registrar – Via Golgi 42-20133 Milan, Italy (*Monday to Friday from 9.30am to 12.30pm*)

or via e-mail ([dottorato.ricerca@polimi.it](mailto:dottorato.ricerca@polimi.it); [internationalphd@polimi.it](mailto:internationalphd@polimi.it)).

This call will be published on the website of the Politecnico di Milano, on the website of the Ministry and on Euraxess

It may also be consulted at the webpage, "30th cycle Ph.D.call - 2014/2015"

<http://www.dottorato.polimi.it/index.php?id=53&L=1>

Any amendments or supplements to the call will be announced in the same webpage.

Milan, 07/04/2014

**THE RECTOR**  
signed Prof. Giovanni Azzone

**Attachment 1 - AVERAGE MINIMUM EXAM MARKS FOR FOREIGN QUALIFICATIONS**

Argentina	6/10
Austria	3 and lower
Bangladesh	3.1/4.0
Belgium	13/20
Bolivia	64/100
Brazil	6.5/10 or 65/100
Chile	4.5/7
China	70/100
Colombia	3.5/5
Egypt	65/100
Ethiopia	3/4
European Countries (ECTS grading system)	C+
Finland	2/3 or 3/5
France	12/20
Germany	3 and lower (on a scale 1-6)
Ghana	62/100
Greece	5.5/10
India	60/100 or 4.5/7
Indonesia	2.5/4
Iran	14/20
Iraq	65/100
Jordan	70/100
Lebanon	13/20 or GPA 2.5
Libya	65%
Malaysia	2.33/4 (CGPA)
Mexico	7/10
Morocco	13/20
Nigeria	50/100 or 3/5
Pakistan	3/4
Palestine	75/100
Portugal	14/20
Russian Federation	3.9/5
Serbia	7.5/10
South Africa	60%
Spain	6.5/10
Switzerland	5.5/10
Syria	60%
Thailand	2.5/4
Turkey	2.6/4
United Kingdom	65%
Venezuela	13/20 or 61%
Vietnam	7/10

The values indicated are the minimum accepted unless otherwise specified in the table.  
Other countries not listed in the table or marks systems other than those listed in the table: the Commission will assess the qualifications submitted by the applicant.