



POLITECNICO
MILANO 1863

The Rector

Decree Index no. 585 Prot. no. 9279 Date 06/02/2017 Section III Class 6 UOR. SDR

- In accordance with Italian Law dated 9.5.1989, no. 168;
- In accordance with Italian Council of Ministers Presidential Decree 30.4.1997 as amended;
- In accordance with Italian Law dated 30.12.2010 no. 240;
- In accordance with Italian Ministerial Decree dated 08.02.2013 no. 45;
- In accordance with the Regulation of the Politecnico di Milano in relation to Research Doctorates, issued with Rector's Decree no. 2210 dated 12/05/2015;
- In accordance with the resolutions of the Ph.D. School Board dated 7 October 2013;
- In accordance with the resolutions of the Academic Senate dated 21 October 2013;
- In accordance with the resolutions of the Board of Governors dated 29 October 2013;
- In accordance with the letter signed by the Head of the Department of Civil and Environmental Engineering dated 3rd of February, 2017;

DECREES:

Art. 1 (Institution)

The Politecnico di Milano, Department of Civil and Environmental Engineering has opened the admission selection call for **1** available place, with a Ph.D. research topic scholarship available, research being restricted to the research topic "**Satellite geodesy for monitoring Earth mass distribution and variations**" within the **Ph.D Programme in Environmental and Infrastructure Engineering – Area 3 Environmental and Hydraulic Engineering and Geomatics, 32nd cycle** (as described in the Research topic description form attached – Attachment 1).

The topic scholarship, part of which is financed by external funds, comes under the types indicated in article 5 of the Politecnico di Milano Ph.D. Regulations: "Ph.D. in cooperation with businesses, industrial Ph.D. and higher training apprenticeship and industrial career".

The selection call is open to Italian and foreign nationals.

Admission to Ph.D. programmes will be determined on the basis of an assessment of the educational curriculum and qualifications, the Personal statement and a document illustrating the development of a possible Ph.D. research project, which candidates must send at the time of applying for selection, as specified in Art. 3 below, and of the suitability of the candidate for the research topic.

Art. 2 (Requirements for Participation in the Selection)

Italian and foreign citizens holding a degree diploma achieved in the education system prior to Italian Ministerial Decree dated 3.11.1999 no. 509, or a Specialist degree achieved in accordance with Italian Ministerial Decree dated 3.11.1999 no. 509, or a Master of Science degree achieved in accordance with Italian Ministerial Decree dated 22.10.2004 no. 270, or an equivalent academic qualification achieved abroad, comparable in duration and content to the above Italian qualifications and approved in advance by the admission boards, may submit an application to participate in the call for admission to the selection.



POLITECNICO
MILANO 1863

In the case of a foreign qualification, candidates must make an explicit request for recognition in the application to participate in the selection and submit all relevant documents for the purposes of allowing the admission boards to decide upon the suitability of the qualification achieved abroad.

Admission to the call is only for applicants who:

- have obtained a Laurea Magistrale in Italy (or equivalent qualifications that are valid for admission to PhD programmes) **with a final mark no lower than 95/110 or 86/100**;
- in case of qualifications obtained abroad, have **the minimum average score in exams indicated in the appendix to the call**. For the Countries not included in this list, the evaluation will be carried out directly by the judging panel.

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

In any case, the degree will have to be completed and submitted before the beginning of the Ph.D. (1st May 2017), otherwise the penalty is the loss of the right to admission to the Ph.D. programme.

All candidates are required to speak the English language, enclosing one of the certificates identified below by and not beyond the start date of the Ph.D. course, if not already submitted by the call deadline.

Any non-production of certificates by the start date of the Ph.D. course irrevocably results in the loss of the right to enrol.

Identified below are the certificates accepted by the Politecnico di Milano and the respective 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 achievement of the same.

The following candidates are exempt from certifying their knowledge of the English language: citizens of countries in which English is an official language; candidates who have achieved or will achieve a Bachelor's or Master's degree from an institution at which all teaching is provided in English.

Those candidates must attach official documents to demonstrate the above, to the application: in particular, in the case where all teaching is provided in English, a declaration to that effect from the respective academic institution is required.

Art. 3
(Applications for Selection)

Admission applications, prepared according to the outline in Attachment 2 and the respective attached documentation, must be prepared and sent exclusively by email to Mrs. Elena Raguzzoni (elena.raguzzoni@polimi.it) **by 14:00 on March 13, 2017 (all times identified in this call are understood to be Italy time).**



POLITECNICO
MILANO 1863

This deadline is final.

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

- general information, date and place of birth, place of residence and contact address for the purposes of the selection (specifying postal code, telephone number, e-mail address and Skype contact if any). Candidates are also required to notify us promptly of any change to their place of residence and/or address where all communications should be sent;
- citizenship;
- degree qualification held and required for admission to the Ph.D. programme, specifying: date of achieving the degree, University at which the degree was achieved, official duration of the programme, Degree marks and respective grading scale (where applicable);

or

- academic qualifications held and necessary for admission to the PhD programme, awarded by a foreign University, specifying: date of award, corresponding University, official duration of the study programme, final mark associated with the qualifications awarded and corresponding scale of marks, and all the documents necessary for the recognition and evaluation of the suitability of such qualifications, for the sole purpose of being admitted to the PhD programme;

or

- that he/she will provide the Degree or equivalent qualification by the expected start date of the Ph.D. programme, specifying the University at which it will be achieved and the official duration of the study course;

- to be in possession of the certificate attesting to knowledge of the English language as specified in Art. 2 of this notice;

or,

- that he/she will submit the certification attesting to knowledge of the English language as specified in Art. 2 of this notice, by the start date of the course;

- the title of the topic scholarship applied for;
- 1 or 2 names of referees, complete with their e-mail address, telephone number and any Skype contact details;
- to undertake to attend the Ph.D. in accordance with the provisions set out in this call, the Regulations of the Politecnico di Milano in relation to Ph.D. programmes and the procedures established by the Faculty Board;
- to authorise the relevant departments to process, communicate, disseminate and disclose the personal data also by the methods set out in Art. 6 of this call, in accordance with Italian Legislative Decree dated 30.6.2003 no. 196 ("Code in relation to personal data protection");

Moreover, candidates are requested to attach to the application (documents sent by email must be in pdf format):

- certificate attesting to knowledge of the English language (if already achieved), as specified in Art. 2 of this call;
- a detailed Research proposal describing the development of a possible Ph.D. research project compiled in accordance with the RTF Form (Attachment 3): note, however, that the research illustrated in the document sent with the admission application does not necessarily represent the research to be developed during the Ph.D. itself; in the case of admission, the actual Ph.D. research project to be carried out will be defined and approved at a later stage by the Faculty Board of the relevant Ph.D.



POLITECNICO
MILANO 1863

programme, after the commencement of the Ph.D, as provided for by the Regulations of the Ph.D. School;

- a description of the reasons for carrying out that particular research theme (Personal statement) (max 2,500 characters);
- a curriculum vitae in accordance with the outline provided (Attachment 4). Candidates must provide the information requested in the CV outline, paying particular attention to the section on technical and computer skills. In particular, the CV must contain a list of all publications, attaching the most significant two to the application;
- copies of documentation relating to **all academic qualifications** (awarded or to be awarded), with the diploma (if achieved), in the original language, along with a list of the examinations taken and the corresponding marks, and any translations in Italian or English;
- duly signed photocopy of an identity document; for non-EU citizens it is mandatory to attach a photocopy of the passport or other identity document with an Italian or English translation;
- photocopy of the tax code, mandatory for Italian candidates. Foreign candidates must in any case be in possession of the tax code in order to complete the enrolment; the tax code can be requested from the Italian Revenue Agency or from the Italian Embassy or Consulate.
- photocopy of the receipt of payment of the fee of €25.82

The non-refundable fee of €25.82 is due for each application submitted.

The fee must be paid by:

bank transfer to current account number 000001600X69 in the name of the Politecnico di Milano – at BANCA POPOLARE DI SONDRIO – Branch no. 21 (international SWIFT code POSOIT22 – IBAN IT34T0569601620000001600X69) indicating the following as the payment description: "SELECTION FOR THE PH.D. PROGRAMME in ENVIRONMENTAL AND INFRASTRUCTURE ENGINEERING 32nd CYCLE".

All documents submitted must be in Italian or English. If drafted in another language, they must be translated into Italian or English.

The Administration reserves the right, at any stage during the procedure and even after the commencement of the Ph.D. course, to perform checks on the accuracy of the declarations submitted and request that original documents be provided. Therefore, it may, at any time, for justified reasons, exclude candidates from the selection who do not meet the requirements set out by this call.

Art. 4
(Admission Boards)

Admission Boards for selection to the Ph.D. programme, referred to in Article 1, are constituted in accordance with the regulations relating to Ph.D. programmes at this University.

Art. 5
(Assessment Criteria)

Candidates duly enrolled in the selection procedure are admitted to the Ph.D. programme subject to an assessment of suitability by the Admission Board and within the limits of the number of places available.



POLITECNICO
MILANO 1863

The assessment of suitability for granting the topic scholarship, restricted to carrying out the research topic as specified in Art. 1, focuses upon examining the quality of the candidate and his/her aptitude for research in the scientific fields of the specified research topic for which the candidate has applied, and is based on his/her curriculum, personal statement and illustrative documents of the development of possible research in the areas of the Ph.D. programme for which he/she has applied, sent together with the application. It is reiterated that the research illustrated in the documents sent on application does not necessarily represent the research to be developed during the Ph.D. itself; in the case of admission, the actual Ph.D. research project to be carried out will be defined and approved by the Faculty Board of the relevant Ph.D. programme, after the commencement of the Ph.D. activities, as provided for by the Regulations of the Ph.D. School.

The Admission Board will assess each application, giving each a mark out of 100.

The rating is broken down as follows:

- curriculum: maximum 50 points;
- reasons for the development of the research topic: maximum 15 points;
- research proposal describing the development of a possible Ph.D. research project, within the given topic of the research applied for: maximum 35 points.

The Board will also evaluate the suitability of the candidate for the research topic.

A candidate is considered to be suitable if his/her application achieves a total score of at least 60 out of 100 points.

The Board may contact candidates for an interview to investigate the material submitted (that interview does not involve additional points).

Art. 6
(Formulation of Rankings)

At the end of the assessments, each Admission Board will draw up, in accordance with the criteria identified in the Article above, a ranking list.

In the case of two candidates having the same score, the youngest candidate prevails.

The rankings will be published **from April 7, 2017** on the web page "32nd Cycle Ph.D. Scholarship 2016/2017 Rankings" of <http://www.dottorato.polimi.it/en/>

Art. 7
(Obligations after Publication of the Rankings)

Candidates admitted are bound to specifically accept the scholarship **by April 14, 2017**, by sending an email to Mrs. Elena Raguzzoni (elena.raguzzoni@polimi.it).

Failure to comply with the obligations and deadlines identified above shall incur the irrevocable loss of the scholarship.

Candidates who accept the scholarship may proceed immediately with enrolment by following the procedures identified in Art. 9 below.

All candidates, where they no longer intend to enrol on the Ph.D. programme, shall refuse enrolment irrevocably in order to make the places available to other candidates in accordance with the procedures for replacement identified in Art. 8 below.



POLITECNICO
MILANO 1863

Art. 8
(Replacements)

In the case of refusal of a scholarship by a candidate, the Department will offer the scholarship to the next candidate in the same cycle in accordance with the ranking, until it reaches the end.

Art. 9
(Methods of Enrolment)

Before the beginning of the course, the selected candidates will receive from the Ph.D. Students Registrar's Office an email which will have the enrolment form and instructions attached.

By the deadline indicated in the email, the candidate must return the enrolment form properly completed, signed and attaching:

- a photocopy of an Identification document (if the document is not in Italian or English, a legal translation has to be provided).
- a self-certification or the degree certificate necessary for admission to the Ph.D. programme (Declaration of equivalence issued by the diplomatic mission in the country in whose national education system the institution awarding the certificate is included or Diploma Supplement in English)
- certificate attesting to knowledge of the English language.

Art. 10
(Reference Rules)

For anything not expressly set out by this notice, reference is made to the rules contained in Italian Law dated 30.11.1989 no. 398, Law dated 30.12.2010 no. 240, Ministerial Decree dated 08.02.2013 no. 45, in the Regulations of the Politecnico di Milano in relation to Ph.D. programmes, in the Regulations on industrial property of the University, along with the other provisions imparted in this regard by the regulations in force.

For further information, interested parties may contact the PhD Programme in Environmental and Infrastructure Engineering Secretary in the Department of Civil and Infrastructure Engineering (Mrs. Elena Raguzzoni, elena.raguzzoni@polimi.it).

This call will be published on the web page "32nd Cycle of Ph.D. Courses – 2016/2017" <http://www.dottorato.polimi.it/en/> and on the system 'Euraxess'.

06/02/2017

THE RECTOR
Signed Prof. Ferruccio Resta

Attached:

- 1- Research topic description
- 2- Application form
- 3- Research proposal form
- 4- C.V. form



POLITECNICO
MILANO 1863

Attachment 1 - MINIMUM AVERAGE SCORE IN EXAMS FOR QUALIFICATIONS OBTAINED ABROAD

Argentina	6/10
Bangladesh	3.1/4.0
Bolivia	64/100
Chile	4.5/7
China	70/100
Colombia	3.5/5
Egypt	65/100
Ethiopia	3/4
European Countries (ECTS grading system)	C+
Ghana	62/100
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
Russian Federation	3.9/5
Serbia	7.5/10
South Africa	60%
Switzerland	5.5/10
Syria	60%
Thailand	2.5/4
Turkey	2.6/4
Venezuela	13/20 or 61%
Vietnam	7/10

These values are the minimum values accepted, except as otherwise indicated in the Table.

Other Countries not included in the Table or scoring systems that are different from those indicated in the Table: the Judging Panel will assess the qualifications submitted by the applicant.