



**Announcement of selection for Doctoral positions
Doctoral School in
Materials Science and Engineering – 25th cycle**

THE RECTOR

- In accordance with Law no. 210 of 3.07.1998 and in particular, art. 4, which assigns the organization of doctoral studies to universities in accordance with the general criteria stipulated by ministerial regulations;
- In accordance with the Ministerial Decree no. 224 of 30.04.1999, regarding the general criteria to be followed by individual universities in the organization of doctoral studies;
- In accordance with the Decree by the Prime Minister of 9.04.2001, and subsequent amendments on the general criteria for uniform treatment regarding the right to higher education;
- In accordance with the Charter of the University of Trento and in particular art. 12 paragraph 9;
- In accordance with the University Regulations for Doctoral Schools, issued with the Rector's Decree no. 997 of 16.12.2003; and subsequently modified with Rector's Decree no. 359 of 19.04.2006;
- In accordance with the proposal made by the Department of Materials Engineering and Industrial Technologies;
- In accordance with the report of the internal Evaluation Committee of 20.01.2009 on the requirements for the Doctoral Programmes proposed;
- In accordance with the resolution made jointly by the Academic Senate and the Scientific Research Committee on 04.03.2009;

DECREES

ART. 1 - INSTITUTION

The University of Trento announces the 25th cycle of the International School of Doctoral Studies in Materials Science and Engineering¹, in co-operation with the University of Havana (Cuba), the Institute for Transuranium Elements of Karlsruhe (Germany), the University of Colorado at Boulder (USA) and the Georgia Institute of Technology (USA).

Length: three years²

Research area: Biomaterials and biomedical technologies
Biotechnologies and technologies agroindustrial
Nanotechnologies and nanomaterials
Surface engineering
Structural materials, durability and lifetime assessment
Net-shape materials
Materials for energy and environment
Materials and technologies for cultural heritage
Functional materials
Materials and technology for food industry

Researches are carried out on a variety of ceramics, glasses, metal alloys, intermetallics, polymers and composites.

¹ Scientific Areas:	CHIM/07	Chemical Basis of Technologies
	FIS/03	Material Physics
	ING-IND/14	Machine Design
	ING-IND/21	Metallurgy
	ING-IND/22	Materials Science and Technology
	ING-IND/23	Applied Physical Chemistry
	ING-IND/25	Chemical Plants
	ING-IND/34	Industrial Bioengineering
	MAT/07	Mathematical physics

² As concerns international program the doctoral course could be longer.



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Official language: English

Selection for **9 doctoral positions** in the Materials Science and Engineering Programme is announced, of which **7 positions will be assigned grants**.

Grants are financed as follows:

6 grants University of Trento;
1 grant University of Trento, with the opportunity to participate in international programme.

The number of scholarships may be increased by funds from universities, public research bodies, or approved private organizations made available after the publication of this announcement and before the beginning of the selection. Any increase in the number of available places resulting from an increase of scholarships will be posted on the web site: <http://portale.unitn.it/en/ec/phd/me.htm>

ART. 2 – ADMISSION REQUIREMENTS

Applications for doctoral positions are accepted from candidates, regardless of sex, age and nationality, who have an "laurea specialistica (magistrale) italiana", according to Ministerial Decree no. 509 of 3.11.1999 as amended, a university degree of the previous regulations in force, or equivalent degree qualification obtained abroad, it is better if the degree concerns materials or industrial Engineering or scientific-technological areas.

Applications are also accepted from students who expect to complete their degree **within the date set for the oral exam**. In such cases admission is "conditional" and applicants must be able to present to the Secretariat of the International School of Doctoral Studies in Materials Science and Engineering (Via Mesiano 77, 38100 Trento) the degree certificate or a statement declaring they have gained the degree (a self certification for the EU citizens according to Presidential Decree no. 445 of 28.12.2000) within this date or they will be excluded.

Applicants holding a foreign degree not officially recognized as equivalent to the Italian "laurea", must explicitly request recognition of equivalence in their application by including:

- the degree certificate or, in the case of E.U.-citizens, a self-certification (according to Presidential Decree no. 445 of December 28, 2000);
- the English translation of the degree certificate with exams taken and grades obtained, signed under their own responsibility, to enable the Graduate School Committee to declare its equivalence, valid solely for the purpose of admission to the selection process.

Admitted non-E.U. applicants holding a non-Italian qualification and admitted E.U. applicants holding a non-E.U. qualification must also present their degree certificate along with exams taken and grades, translated and authenticated by an Italian consulate, embassy or diplomatic representative in the country where the degree was issued, and the respective declaration of validity ("Dichiarazione di Valore"), **not later than the date set for enrolment** in the Doctoral School.

Art. 3 – THE DOCTORAL PROGRAMME

The syllabus provides for activities differentiated during the three-year course, with greater attendance of classes during the first and second year.

The Doctoral programme adds up to 180 credits, 120 recognised for the research activities and 60 for educational activities.

Research credits are awarded by completing the dissertation, whereas educational credits can be obtained by attending:

- courses of the Manifesto of Studies (<http://www.mse.unitn.it>);
- courses taken at other institutions;
- schools, workshops and seminars organised by the Doctoral Programme or by other institutions.

Such activities must be certified, based on the attendance and achievement of specific educational objectives.



The purpose of the educational activities is to provide doctoral students with an advanced background on the main topics of materials science and technology, placing emphasis on engineering expertise which is the basis of a Doctoral Programme in Materials Science and Engineering.

The target of the Doctoral Programme is to provide doctoral students with qualified skills in engineering, useful to work in research centres or in companies as well.

One of the aims of the Doctoral Programme is to allow the students to achieve a complete maturity and autonomy in planning, programming, developing and reporting their research activity.

To be admitted to the second and third year, students are required to pass an exam. The student is asked to hold a seminar on the research topics concerning his/her dissertation. The seminar is public and it should be held in front of a commission, whose at least two members are appointed by the Doctoral School Committee and the tutor. The final judgement of the commission will be based on the presentation, quality and advancement of the research work, ability of the student in answering to the commission' and audience's questions. The official admission to the following year is granted by the Doctorate School Committee, which is asked to discuss and approve the report of the commission.

To be admitted to the following year, students should achieve at least 2/3 of the credits provided for their curriculum, unless the Doctoral School Committee allows an exception (for example, to allow the student to conduct extended research activity abroad).

The denial of the admission to the following year implies the exclusion from the Doctoral Programme and forfeiture the grant.

Within the third year doctoral students should take an exam, similar to the exam for admission to the second and third year, which qualifies him or her to take the final examination.

Doctoral student carrying out a co-tutelle program (i.e. the "Dual PhD" with the University of Colorado at Boulder), requiring to spend a period of research in a foreign university, could be asked to follow a specific research program.

Art. 4 – APPLICATION

Application should be made using the form attached to this announcement.

The application, together with all the attachments required, must reach the University of Trento **by 4 p.m. (GMT+1) of the deadline date (the 30th day from the date of publication of this announcement in the "Gazzetta Ufficiale della Repubblica Italiana")** in one of the following ways:

- hand-delivered to the University of Trento - Ufficio Protocollo Centrale, Via Belenzani n. 12 – 38100 Trento, from 10:00 am to 12:00 a.m., Monday to Friday;
- by mail to the following address: Al Magnifico Rettore dell'Università degli Studi di Trento, Via Belenzani 12 – 38100 Trento (ITALY) (please write "Selection for School of Doctoral Studies in Materials Science and Engineering 25th cycle" on the envelope);
- on-line application at the following website: <http://portale.unitn.it/en/applyphd.htm>

Applications arriving after 4 p.m. (GMT+1) of the deadline date (the 30th day from the date of publication of this announcement in the "Gazzetta Ufficiale della Repubblica Italiana") will be disregarded, even if sent before the deadline.

The University of Trento does not accept responsibility for mishandling of applications by mail or courier services, or for applications sent to an incorrect address.

According to Italian Law no. 104/92, art. 20 and to Italian Law no. 68/99, art. 16, par. 1, applicants with special needs are expected to indicate explicitly in their application whether they require special assistance or extra time during the examinations. Under Legislative Decree 196/03, all information will be kept confidential.

Attachments

Applications must include:

- Attachment 1: a photocopy of the applicant's identity card or passport;
- Attachment 2: the degree certificate, with a list of the examinations successfully passed and scores obtained in each examination (or degree self-certification, according to Presidential Decree no. 445 of 28th of December 2000 concerning EU citizens);

Applicants expecting to complete their degree when applying must submit a certification of the enrolment in the course of studies with a list of the examinations passed successfully and scores obtained in each examination. They will be required to send the degree certificate or a statement declaring they have gained the degree (a self certification for the EU citizens according to Presidential Decree no. 445 of



28.12.2000) to the Secretariat of the Doctoral School of Materials Engineering (Via Mesiano 77, 38100 Trento) **within the date set for the oral exam** or they will be excluded.

Applicants with a foreign qualification that has not been officially recognized as equivalent to the Italian degree need to attach a translation into English or Spanish of the degree certificate with exams and scores obtained, signed under their own responsibility, in order to allow the Doctoral School Committee to declare the equivalence, valid for the only purpose of participating in the selection;

- Attachment 3: curriculum studiorum;
- Attachment 4: abstract of the thesis dissertation for the awarded degree;

Applications may include:

- Attachment 5: two letters of recommendation written by experts in the doctoral research areas listed in art.1 belonging to a University or national and international research bodies.
The candidate will need to ask each indicated expert to send an e-mail to doctorate.me@ing.unitn.it, attaching the presentation letter (specifying, in the Object field, "Presentation Letter", the candidate's ID number and "Call for Applications to the Doctorate School in Materials Science and Engineering, 25th cycle");
- Attachment 6: any certificates stating the knowledge of the English language;
- Attachment 7: any other qualifications useful for assessment of the applicant (e.g.: scientific publications, prizes, study and post-graduate activities of research, etc.)

It won't be accepted to this call all those applicants who fail to deliver, by **4 p.m. (GMT+1) of the deadline date (the 30th day from the date of publication of this announcement in the "Gazzetta Ufficiale della Repubblica Italiana")**, in one of the ways above detailed, the "Admission Call" form completed and signed and the attachments 1 to 4.

If, afterwards the submission of their application, applicants need to add further information, they are required to send it to the University offices by **4 p.m. (GMT+1) of the deadline date (the 30th day from the date of publication of this announcement in the "Gazzetta Ufficiale della Repubblica Italiana")** through one of the ways listed in the letter a) or b) of this article. The applicant's name, International Doctoral School in Materials Engineering and the subject "Integrazione domanda" must be clearly written on the envelope.

The University of Trento has the right to check, even to spot check, declarations and documents provided by the candidates, according of art. 71 and following articles of the Presidential Decree no. 445 of 28th of December 2000. Candidates whose applications do not conform to the admission requirements set out in the present call may be excluded from the selection process by written notice at any time.

Art. 5 – SELECTION

The selection process is designed to assess the candidate's knowledge and aptitude towards scientific research.

Applicants must present a document for identification in order to be admitted to the examination.

The selection is based on:

- an assessment of qualifications according to Art. 4.
Candidates obtaining a minimum score of 18 will be admitted to the written exam. The list of the candidates admitted to the written exam will be displayed on the website: <http://portale.unitn.it/en/ec/phd/me.htm>;
- a written exam.
Candidates obtaining a minimum score of 18 will be admitted to the oral exam.
- an oral exam.
The oral exam is successfully passed with a minimum 18 point score.
The oral exam will also evaluate the candidate's knowledge of English.

The written and oral exam can be taken in Italian or English previous authorization of the Admissions Committee.

The Admissions Committee can assign each candidate a total score of 90 as follows:

- 30 assessment of qualifications;
- 30 written test;
- 30 oral exam.

At least 20 days before the date of the examination, time and location of the examination will be displayed on the website: <http://portale.unitn.it/en/ec/phd/me.htm> as laid down in Art. 20 of the University Regulations for Doctoral Research Programmes.



Art. 6 – PROGRAMME OF THE EXAMINATION

The written exam is based on the general knowledge of Materials Engineering topics.

The oral exam will be focused on a discussion concerning the written exam, the degree dissertation, any qualification of the candidate and the research proposal regarding the candidate's research interest among those proposed by Doctoral School.

Art. 7 – ADMISSIONS COMMITTEE

After hearing the Doctoral School Committee, the Rector appoints the members Admissions Committee. It will consist of three members chosen among Italian and foreign professors and researchers, who are experts in the scientific areas of the Doctoral School. The Committee may also include up to two experts from national and international public and private research centres.

At the end of the selection procedure the Committee will draw up a merit-based ranking according to the scores obtained by the applicants during the selection process.

The final ranking of the candidates will be posted on the website: <http://portale.unitn.it/en/ec/phd/me.htm>.

Through publication of this list, notification concerning the proceedings is considered fulfilled. Applicants will not receive personal communication of their results.

Art. 8 - ADMISSION TO THE DOCTORAL SCHOOL

Short-listed applicants will be admitted to the Doctoral School according to their placement in the list until all available places have been filled.

If the candidates are equally worthy of admission, the student's economic situation will be evaluated for positions that include a grant, in accordance with the Decree of the President of the Council of Ministers (D.P.C.M.) of 9.04.2001 as amended, for positions not assigned grant, the youngest student shall be given priority.

If an eligible applicant withdraws before the beginning of the programme, the applicant next in rank will be offered the position.

If an eligible applicant withdraws or is excluded in the first three-month term of the first year, the Doctoral School Committee may decide to fill the vacancy with another candidate on the list.

According to art. 19(3) of the University Regulations for Doctoral Schools and according to previous Doctoral School Committee resolutions, the Admissions Committee **may admit** to the School up to 35% of the total positions available, candidates who are eligible in the general ranking, if they belong to one of the following categories:

- applicants from non-E.U. countries who have been awarded any kind of grant;
- applicants from a country with a specific intergovernmental agreement with Italy, on the basis of a bilateral agreement between the University of Trento and the foreign university (with no obligatory financial burden for the University of Trento);
- applicants who have been awarded grants under Law 449/97, Art. 51 ("Assegni di ricerca").

Art. 9 –ENROLMENT

Admitted applicants should forward their application for enrolment to:

"University of Trento – Ufficio Dottorati ed Esami di Stato, Via Inama 5 – 38100 Trento (ITALY)" within 15 days of the date of the publication of the final ranking.

If applicable, the payment receipt of the provincial student tax for the right to university study (TDS) must be attached to the application.

In the application (form available from the Central Office of Doctoral Studies and on the website: <http://portale.unitn.it/en/ec/phd.htm>) candidates should:

- Indicate whether they ask to be awarded a grant (including successful applicants, who are not eligible for a grant in case an applicant eligible for a grant gives up his/her place);
- state whether they already received / did not receive a grant by the Italian Ministry of Foreign Affairs or by other Italian or foreign institution;
- state whether they have / have not already been awarded (even for one year only) a grant for an Italian Doctoral Programme;
- declare that they are not already enrolled and promise not to enrol in any other programme for a diploma, degree, an Italian "Scuola di Specializzazione", Doctorate or Specialization degree, whether of



the 1st or 2nd level, for the duration of this Doctorate Programme; if they are, they will stop attending such a School before the start of the Programme;

- declare that they are / are not employed by the Italian public sector;
- declare to request the Doctoral School Committee authorization for any occupation;
- commit to promptly inform the University of any changes of their residence or address.

Admitted non-EU applicants holding a non-Italian qualification and admitted EU applicants holding a non-EU qualification must also present their degree certificate along with exams taken and grades, translated and authenticated by an Italian consulate, embassy or diplomatic representative in the country where the degree was issued, and the respective declaration of validity ("Dichiarazione di Valore") when enrolling.

Short-listed applicants who do not submit their application **within 15 days** of the date of publication of the ranking on the website: <http://portale.unitn.it/en/ec/phd/me.htm> lose the right to enrol and their place(s) will be offered to the next candidate(s) on the ranking.

Art. 10 – GRANTS

Scholarships are assigned on the basis of the ranking compiled by the Admission Committee.

In case a candidate declines the scholarship, it will be offered to the next candidate on the ranking. In case of scholarships reserved for specific areas of research the scholarships will be offered to the next candidate on the ranking who wrote the research project in that area.

Candidates offered a scholarship for research in a specific area may not decline the offer in favour of a scholarship not reserved for a specific area of research.

In the case of one or more externally funded scholarships, the candidates may choose what scholarship to accept according to their position on the final ranking. If these scholarships are reserved for specific areas of research, the candidate may choose to accept or decline the scholarship.

The gross amount of the scholarship is Euro 13,638.47 per year³.

Grants are paid (starting from November⁴) bi-monthly and in advance, with recoupment of undue payments in case the doctoral student is expelled or suspended.

The scholarships cannot be combined with other grants, except those awarded by national or foreign scientific institutes for periods spent abroad that are deemed useful for the research activities of the student.

The scholarship will be increased by 50% for research periods spent abroad that are authorized by the Head of the School or by the Doctoral School Committee.

The scholarship is conferred for the entire duration of the Doctoral Programme, conditional upon a positive evaluation of the Doctoral School Committee at the end of each year of study.

Failure to attend the programme for over thirty days will result in suspension of the scholarship .

Art. 11 - RIGHTS AND DUTIES OF DOCTORAL STUDENTS

Doctoral students must undertake to attend the Doctoral Programme and to carry out research activities on a full time basis according to the schedules and the regulations laid down by the Doctoral School Committee, as laid down in Art. 3 of the present announcement and in Art. 13 of the Regulations of the Doctoral School in Materials Engineering, displayed at the webpage: <http://portale.unitn.it/en/rr/reru.htm>

Students participating in a co-tutelle programme are required to carry out study and research activities according to the agreement signed with the foreign university.

In case of a negative evaluation of the Doctoral School Committee regarding a student's participation in School's activities and studies, the Rector can exclude the student from the doctoral School.

Students getting a grants financed by external bodies and concerning a specific research area are required to carry out research in this specific area.

For the duration of the Doctoral Programme, students are insured by the University against accidents and civil liability that occur in circumstances pertaining to the Programme.

A public service employee admitted to the Doctoral School may request leave of absence for reasons of study for the whole duration of the doctoral course, without allowances, and may benefit from the scholarship, if the required conditions are met.

³ At the date of publication of the present call, Italian law (art. 2, §26 of Law 335/95 and subsequent modifications) states that scholarships are subject to pension fund contributions (INPS) starting from 01/01/2009, of 17% or 25,72%, of which 1/3 will be charged to the candidate.

⁴ The Doctoral School Committee could decide to assign pre-doctoral grants according to the Regulation of the University.



In the case of admission to a doctoral course without a scholarship, or if the candidate has declined the scholarship, the person on leave of absence enjoys the economic remuneration and social insurance and retirement benefits enjoyed by the public administration where he/she is employed. Should the employee terminate employment in public administration in the two years succeeding his / her having obtained the doctoral title, the amounts paid during the course of the doctoral studies will be claimed back.

Art. 12 – DOCTORAL TITLE CONFERRAL

The doctoral title, conferred by the Rector, is awarded when students pass the final examination which takes place at the end of the doctoral Programme.

Upon hearing the advice of the Doctoral School Committee, the Examination Committee is nominated by the Rector, according to the University Regulations for Doctoral Schools.

In case of a co-tutelle programme the Examination Committee will be appointed according to the specific provisions of the Convention.

Release of title certification is dependent upon delivery of the final thesis to the University's open access institutional archive on behalf of the graduate, that guarantees the conservation and public availability of the thesis. It is the University's responsibility to then deposit the thesis, according to law, among the National Libraries in Rome and Florence.

Art. 13 – PERSONAL DATA

The University of Trento, in accordance with Legislative Decree 196/03 "Italian Personal Data Protection Code", uses the applicants' personal data only for fulfilment of the selection procedures and for institutional reasons.

In observance of the above-mentioned law, participation in the selection requires the applicant to give the University of Trento permission to publish his/her personal data concerning the results of the selection procedure on the University website.

Art. 14 – FURTHER REGULATIONS

For matters not explicitly mentioned in the present announcement, please refer to art. 4 of Law no. 210 of 3rd of July 1998, to Ministerial Decree no. 224 of 30th of April 1999 and to the University Regulations for Doctoral Schools issued with the Rector's Decree no. 937 of 16th of December 2003 and amended with the Rector's Decree no. 359 of 19th of April 2006.

Trento, 24 July 2009

The Rector
Prof. Davide Bassi

Admission Call

TO THE MAGNIFICO RETTORE
UNIVERSITÀ DEGLI STUDI DI TRENTO
VIA BELENZANI, 12
38100 TRENTO – ITALY

I, the undersigned, apply to be included in the competitive selection for the Doctoral School in
MATERIALS SCIENCE AND ENGINEERING - 25th CYCLE

For this purpose I, the undersigned, declare

SURNAME		
FIRST NAME		
SEX	M	F
ITALIAN TAX IDENTIFICATION NUMBER ⁵		
DATE OF BIRTH		
PLACE OF BIRTH Town/City		
Country		

PLACE OF RESIDENCE

Street		No.	Zip Code
City	Country		
Phone	Fax		
E-mail:			

ADDRESS FOR CORRESPONDENCE (if different from residence)

Street		No.	Zip Code
City	Country		
Phone	Fax		

- THAT I HAVE _____ CITIZENSHIP
- THAT I TOOK AN ITALIAN DEGREE conferred on (date) _____ with mark _____

in (subject)

(Tick the Italian awarded title)

at the University of

<i>Laurea vecchio ordinamento</i>	<i>Laurea specialistica</i>	<i>Laurea magistrale</i>

- TO HAVE NOT GRADUATED YET, and to be aware that admission to the Doctoral School is conditional upon the presentation of the degree certificates by the date set for the oral exam

currently studying (subject)

date when you expect to receive your degree

(for Italian degrees, tick the title)

at the University of

Country

<i>Laurea vecchio ordinamento</i>	<i>Laurea specialistica</i>	<i>Laurea magistrale</i>

⁵ If available

TO HOLD A FOREIGN QUALIFICATION DECLARED EQUIVALENT TO AN ITALIAN “LAUREA”

Italian Rector’s Decree recognizing equivalence	No.
	Date
	University of

TO HOLD A FOREIGN QUALIFICATION, and to request the Doctoral School Committee to recognize its equivalence to an Italian “laurea”⁶

Degree		Duration of the programme in years	
awarding University		Country	
date		mark	

• **THAT I SPEAK ENGLISH (please, point out the level of knowledge)** _____

• **THAT I SPEAK THE FOLLOWING LANGUAGE(S)**

<input type="checkbox"/> French	<input type="checkbox"/> Russian	<input type="checkbox"/> Spanish	<input type="checkbox"/> German	<input type="checkbox"/> _____	<input type="checkbox"/> _____
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• **THAT I UNDERTAKE TO INFORM THE UNIVERSITY OF ANY CHANGES OF MY ADDRESS OF RESIDENCE, PLACE OF LIVING AND CORRESPONDENCE**

• **THAT I HAVE / DO NOT HAVE ⁷ ANY DISABILITY (art. 4 Law 104/92) and need:**

- **the following assistance:**

- **and/or extra time (cross out as necessary):** **YES** **NO**

• **THAT I AM AWARE AND TO ACCEPT THE REGULATIONS REGARDING:**

- **the present call**
- **the University Regulations for Doctoral Schools (http://portale.unitn.it/en/rr/reg_doct.htm)**
- **the Regulations of the Doctoral School in Materials Science and Engineering (<http://portale.unitn.it/en/rr/reru.htm>)**

Date _____

Signature _____

⁶ Applicants with a foreign qualification that has not been officially recognized as equivalent to the Italian degree need to attach a translation into English or Spanish of the degree certificate with exams and scores obtained, signed under their own responsibility, in order to allow the Doctoral School Committee to declare the equivalence, valid for the only purpose of participating in the selection.

⁷ Cross out the item of no concern.

ANNEXES⁸:

Applications must include:

- Attachment 1: a photocopy of the applicant's identity card or passport;
- Attachment 2: the degree certificate, with a list of the examinations successfully passed and scores obtained in each examination (or degree self-certification, according to Presidential Decree no. 445 of 28th of December 2000 concerning EU citizens);
Applicants expecting to complete their degree when applying must submit a certification of the enrolment in the course of studies with a list of the examinations passed successfully and scores obtained in each examination. They will be required to send the degree certificate or a statement declaring they have gained the degree (a self certification for the EU citizens according to Presidential Decree no. 445 of 28.12.2000) to the Secretariat of the Doctoral School of Materials Engineering (Via Mesiano 77, 38100 Trento) **within the date set for the oral exam** or they will be excluded.
Applicants with a foreign qualification that has not been officially recognized as equivalent to the Italian degree need to attach a translation into English or Spanish of the degree certificate with exams and scores obtained, signed under their own responsibility, in order to allow the Doctoral School Committee to declare the equivalence, valid for the only purpose of participating in the selection;
- Attachment 3: curriculum studiorum;
- Attachment 4: abstract of the thesis dissertation for the awarded degree;

Applications may include:

- Attachment 5: two letters of recommendation written by experts in the doctoral research areas listed in art.1 belonging to a University or national and international research bodies.
The candidate will need to ask each indicated expert to send an e-mail to doctorate.me@ing.unitn.it, attaching the presentation letter (specifying, in the Object field, "Presentation Letter", the candidate's ID number and "Call for Applications to the Doctorate School in Materials Science and Engineering, 25th cycle");
- Attachment 6: any certificates stating the knowledge of the English language;
- Attachment 7: any other qualifications useful for assessment of the applicant (e.g.: scientific publications, prizes, study and post-graduate activities of research, etc.)

⁸ After the examination procedure, candidates asking back the documents attached to their application for the selection of the Doctoral School must send a specific request to the Administration (Ufficio Dottorati ed Esami di Stato) within a year after the expire date of the present announcement.
The applicant will be charged for any postal expenses.