



**CALL FOR APPLICATIONS TO THE PHD PROGRAMMES JOINTLY ACTIVATED BY
POLITECNICO DI TORINO AND UNIVERSITÀ DEGLI STUDI DI TORINO (XXXV CYCLE) –
01.11.2019 / 31.10.2022**

EXECUTIVE SUMMARY

**Art. 1
(Available positions)**

1. Public competitive examinations, open to both Italian and foreign citizens, are announced for admission to the 35th Cycle of following doctoral programmes jointly activated and managed by Politecnico di Torino and Università degli Studi di Torino:

- PhD programme in “Bioengineering and Medical-Surgical sciences”
- PhD programme in “Pure and Applied Mathematics”
- PhD programme in “Urban and Regional Development”.

The positions and scholarships made available by the present call are detailed in Annex 1 of the call.

2. Available positions are divided into:

A) ordinary positions:

- fully-funded PhD positions without predefined research topic (see paragraph 5);
- fully-funded PhD positions with predefined research topic (see paragraph 5);
- positions for PhD programme offered in apprenticeship format (see paragraph 6);
- positions without scholarship (see paragraph 7).

B) reserved positions:

- positions reserved to those recipients of scholarships, granted by governmental, national or international bodies, who are found eligible to be admitted in a PhD programme (see paragraph 8);
- positions reserved to students selected under specific international agreements in which Politecnico di Torino or Università di Torino are involved (see paragraph 9);
- positions reserved to students graduated abroad (see paragraph 10);
- positions reserved to research fellows found eligible to be admitted in a PhD programme (see art.4 paragraph 3).

3. It is announced the availability of **56 positions** of which **38 scholarships/positions in apprenticeship**, distributed as in the tables below and detailed in Annex 1 of the call.

ORDINARY POSITIONS

PhD programme	Overall Positions	Positions with scholarship (*)	PhD in apprenticeship (*)	Positions without scholarship
Bioengineering and Medical-Surgical sciences	17	13	0	4
Pure and Applied Mathematics	13	10	0	3
Urban and Regional Development	17	13	0	4



(*) Detailed information about **scholarships with predefined research topic/positions in apprenticeship** are published at the page http://dottorato.polito.it/en/scholarships_interateneo, <https://en.unito.it/research/phd/phd-programmes> and <https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca> (see paragraphs 5 and 6).

RESERVED POSITIONS

PhD programme	Overall Positions	Reserved to recipients of scholarships granted by governmental, national and international bodies	Reserved to students selected within specific international mobility programmes	Reserved to students graduated abroad ¹ (positions with or without scholarships)	Reserved to research grant
Bioengineering and Medical-Surgical sciences	1	0	0	1	0
Pure and Applied Mathematics	1	0	0	1	0
Urban and Regional Development	11	2	1	0	8

4. Notwithstanding the deadlines established in paragraph 1 of Art. 2 for the application submission, **the number of available positions may be increased before the completion of the selection procedure**. The number of the scholarships/positions in apprenticeship may be increased, due to funding made available after the publication of the present call and before the completion of the selection procedure. In both cases, applicants will find timely communications about new available scholarships and/or positions on the Doctoral School website of Politecnico di Torino http://dottorato.polito.it/en/scholarships_interateneo and of Università degli Studi di Torino website <https://en.unito.it/research/phd/phd-programmes> and <https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca>, and in case of scholarships with predefined research topic/positions in apprenticeship, the relevant descriptive sheet will be published.

5. **PhD scholarships** announced in the present call and those possibly made available before the completion of the selection procedure and published at the page http://dottorato.polito.it/en/call_interateneo, <https://en.unito.it/research/phd/phd-programmes> and <https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca>, are divided into two categories: fully-funded PhD positions without predefined research topic, that is scholarships without predefined research topic, and fully-funded PhD positions with predefined research topic, that is scholarships with predefined research topic.

Except when explicitly waived, **all the candidates** applying for a PhD position within the existing call **have the right to receive a scholarship without predefined research topic, if available**.

¹For candidates who compete in positions reserved to students graduated abroad for the PhD programme in “Pure and Applied Mathematics” and made available by the University of Turin, in the context of specific guidelines for the internationalization of the University, see Annex 6.



Instead, fully-funded PhD positions with predefined research topic, dealt with in this paragraph and positions in apprenticeship, dealt with in 6 next paragraph, are allocated only to selected applicants, having the required competences to carry out that specific research.

The topics associated to scholarships with predefined research topic/positions in apprenticeship will be published at the following page http://dottorato.polito.it/en/scholarships_interateneo, <https://en.unito.it/research/phd/phd-programmes> and <https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca>. The referenced pages are constantly updated with information regarding additional funding made available before the closure of the competition.

Those applicants interested in one or more scholarships with predefined research topic/positions in apprenticeships shall carefully check the required research topics and competences, as detailed in the relevant descriptive sheets, and contact the scientific referee for the concerned scholarship. Those candidates **shall apply for one or more scholarships with predefined research topic/positions in apprenticeship** (no more than 5) **in the following way:**

A) PHD PROGRAM IN URBAN AND REGIONAL DEVELOPMENT

Candidates shall enter the online procedure Apply@polito (see art. 3 paragraph 1), using the provided login information, and select the desired option among available scholarships/positions in apprenticeship **from 5 days prior to the beginning of the interviews** for admission in the concerned PhD program, up to h. 12:00 (Italian time) of the day before the beginning of the interviews. Their choice cannot be revoked.

Those candidates who do not select any scholarships with predefined research topic/positions in apprenticeship shall compete only for scholarships without predefined research topic.

Those applicants who are not interested in any scholarship (nor with neither without predefined research topic) or positions in apprenticeships shall also enter the procedure Apply@polito (see art. 3 paragraph 1) selecting the scholarship waiver option, from **5 days before the beginning of the interviews** in the concerned PhD program up to 12.00 (Italian time) of the day before that the interview session begins. **The choice made shall not be revoked.**

B) PHD PROGRAMS IN “BIOENGINEERING AND MEDICAL-SURGICAL SCIENCES” AND “PURE AND APPLIED MATHEMATICS”

Candidates, after the enrolment at the competition, must download the **SELECTING/WAIVING POSITIONS FORM**² (Annex 4) from the websites <http://en.unito.it/research/phd/phd-programmes> and <http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca> and fill it in with the name of the scholarships with predefined research topic/positions in apprenticeships they are interested in. The choice is definitive and cannot be changed. **The form must be delivered to the examining Board at the time of interview.**

Candidates who do not apply for a scholarships with predefined research topic/positions in apprenticeship will only apply for scholarships without predefined research topic. The option exercised is irrevocable.

²For candidates who compete in positions reserved to students graduated abroad for the PhD program in “Pure and Applied Mathematics” and made available by the University of Turin, in the context of specific guidelines for the internationalization of the University, see Annex 6.



Candidates who do not wish to apply for any scholarship (nor with neither without predefined research topic) or **positions in apprenticeship** have to fill in the form with the **renouncement to all scholarships/positions in apprenticeship as indicated above**. These candidates will be able to apply only for positions without scholarships. **Choosing to renounce the award of a scholarship/positions in apprenticeship is definitive and cannot be changed.**

Candidates who will be interviewed remotely, must submit the **SELECTING/WAIVING POSITIONS FORM** (Annex 4, signed and accompanied by a Recognition Document) via email to Examining Board by h. 12:00 (Italian time) of the day before the interview takes place. The subject of the email must be **"PhD COMPETITION – INTERVIEW - SELECTING/WAIVING POSITIONS"**.

6. **Ordinary positions within the framework of PhD in apprenticeship format** are established in compliance with Legislative Decree No. 81 of June 15, 2015, and in particular art. 45, Law No. 45/2013 of December 30, 2010 and D.M. No. 45 of February 8, 2013. Selected candidates for PhD programs in apprenticeship are admitted to undertake a higher education program, leading to the awarding of a PhD title, while being simultaneously employed by a company with an apprenticeship contract. The selected candidate is admitted in the PhD program without scholarship and employed by the company with an apprenticeship contract, whose duration is the same of the PhD program.

The apprenticeship contract shall terminate after the awarding of the academic title and/or at the end of the candidate's academic career.

To be employed with this type of contract, the candidate shall be aged less than 30 at the time of employment.

Candidates interested in the ordinary positions within the framework of PhD in apprenticeship must follow the instructions in the previous paragraph 5.

7. Each PhD program provides a certain number of **positions without scholarship**, which can be assigned in compliance with the candidates' position in the ranking list and the number of available positions without scholarships, as explained in art. 7. All the employees, including civil servants to whom was granted a period of extraordinary leave and who continue to receive salaries, benefits and pension contributions, along with all the research fellows and all those cases for which is provided for in paragraph 5 of art. 2 shall not receive a PhD scholarship.

8. Each PhD program may reserve some positions to **recipients of scholarships granted by governmental, international or national bodies**; if reserved, those positions are assigned to eligible applicants, in compliance with the candidates' position in the ranking list, as detailed in art. 7.

9. **Positions reserved to students within specific international mobility programmes** are aimed to develop cooperation and mobility in the field of higher education. Could enroll in PhD programme these students must satisfy the application requirements foreseen at the next art. 2 paragraph 2.

10. **Positions reserved to students graduated abroad³** are assigned in compliance with the candidates' position in the ranking list, as detailed in art. 7.

³For candidates who compete in positions reserved to students graduated abroad for the PhD programme in "Pure and Applied Mathematics" and made available by the University of Turin, in the context of specific guidelines for the internationalization of the University, see Annex 6.



11. Pursuant to the Ministerial Decree 45/2013, Ph.D. programmes will be established under condition that MIUR positively assesses the continued validity of the requirements necessary for accreditation. The selected PhD candidates will then enroll under condition of the positive outcome of the accreditation procedure.

**Art. 2
(Admission requirements)**

1. The PhD programme is a III level course, hence the right to apply for admission to the selection process for PhD programmes jointly activated by Politecnico di Torino and Università degli Studi di Torino:
 - a) Italian or non-Italian citizens in possession of Italian Master’s degree (*Laurea magistrale*) or eligible international Maste’s degree by the application deadline (**17th May 2019, 12:00 Italian time**);
 - b) Italian or non-Italian citizens who are going to earn their Master’s degree no later than **31st October 2019**. In these cases, they will be admitted to the selection process “with condition”: failure to obtain the Master’s degree with the minimum grade required (see paragraph 2) by the date here specified, entails that these applicants will not be admitted to the PhD programme.
2. Applicants will be admitted to the selection process if they meet the following admission requirements. Applicants who fail to meet one of the admission requirements will be excluded from the selection process:

Candidates with II level academic degree obtained in Italy	Candidates with II level academic degree obtained abroad and recognized valid ⁴
<p>M.Sc. degree with minimum final grade: 95/110 <u>or</u></p> <p>M.Sc. degree obtained by 31st October 2019, provided that the average grade of all the exams is equal to or greater than 25/30. In this case, applicants must graduate with a minimum final grade of 95/110, otherwise they will not be admitted to the PhD programme.</p>	<p>Valid GRE® General Test, which applicants must have already obtained by the application deadline.</p>

3. All candidates are required to prove **their knowledge of the English language** by showing one of the following English language certificates. Certificates are valid regardless of when they were obtained. Certificates which are not listed below will not be accepted as proof of knowledge of the English language.

- IELTS: minimum score 5.0
- one of the language certificates accepted in substitution for IELTS 5.0 detailed in the Annex 2.

Applicants with a Bachelor’s or a Master’s degree awarded by a university where English is the medium of instruction are exempted from presenting any English language certificate. In this case, the university must specify that “The medium of instruction is English”. The right to apply is guaranteed **also** to candidates who will obtain the certificate of English language knowledge **by and no later than the set deadline for online enrolment (31st October 2019)**. In this case, the **application is accepted under condition** that the candidate submits one of the above-mentioned certificates when proceeding with the document verification for PhD programme in “Urban and Regional Development” (administrative seat at Politecnico di Torino) at Doctoral

⁴ For candidates who compete in positions reserved to students graduated abroad for the PhD programme in “Pure and Applied Mathematics” and made available by the University of Turin, in the context of specific guidelines for the internationalization of the University, see Annex 6.



School of Politecnico di Torino (see art 9, paragraph 1, letter A) and for **PhD Programmes in “Bioengineering and Medical-Surgical Sciences” and “Pure and Applied Mathematics”** (with administrative seat at Università degli Studi di Torino) at Sezione Dottorati di Ricerca – Direzione Ricerca e Terza Missione of the Università degli Studi di Torino - (email: dottorati@unito.it). Failure to do so entails that they will not be admitted to the PhD Programme.

4. **Candidates with a title awarded by a foreign institution** may be admitted in a PhD programme only if in possession of a II-level academic title, as defined in the Bologna process, or a Master Degree which would allow them to enrol in a Ph.D. programme in their Country of origin and has been awarded by an officially recognized academic institution.

The validity assessment of the titles awarded abroad shall be valid only for the purpose of admission to the selection process for PhD programmes of the 35th Cycle by a specific University Board as referred to in art. 5.

In order to request for the validity assessment, the candidates shall attach to their application:

- certificate or self-declaration (see Annex 3) of B.Sc. and M.Sc. degree with mark, if already obtained;
- certificate or self-declarations (see Annex 3) of transcript of records for the B.Sc. and M.Sc. career, with marks;
- any other document which can be useful for the purpose of declaring the conformity of the title (i.e. diploma supplement, declaration of value, issued, respectively, from the candidate's university and from the Italian delegation in charge, statement of validity issued by ENIC_NARIC centres).

The above-mentioned documents shall be written by the issuing University in one of the following language: Italian or English. Failure to do so entails the exclusion of the applicants from the selection process.

The University Board decides on the recognition of non-Italian academic qualifications based on the documents attached to the application. For this reason, the Board may not admit applicant to the selection process if the documents do not provide enough information for evaluation.

5. Concerning **restrictions on admission to Ph.D. programmes**, it is provided that if selected, those candidates already enrolled in a Ph.D. program without scholarship shall be admitted in a different Ph.D. program further to the withdrawal from the previous Ph.D. program and under condition that they start from the first year.

Art. 3 (Application procedure)

1. By 17th May 2019 at 12:00 (noon - CET), candidates shall submit a duly filled application only via the official online procedure, following the instructions on the websites of each PhD Program.

The online application, once confirmed, is not editable and further documentation cannot be added.

Application deadline is mandatory; late applications or applications submitted via a procedure different from the one specified in this paragraph will be rejected.

Applicants are encouraged to submit their online applications ahead of the deadline. It is the applicants' responsibility to verify that the application process was completed correctly, there will not be accepted any claims for malfunctions of the online system due to network overloading close to the deadline.



Dates of exams and results will be published at (http://dottorato.polito.it/it/ammissione_interateneo and <https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca>). This publication is considered valid for all legal purposes as an official notification and it will not send any individual message to the applicants. Possible further updates regarding the selection process will be sent to the applicants **exclusively** by e-mail using the e-mail address provided in the application form.

A) Candidates interested in applying for the Doctoral Research Program in **Urban and Regional Development (with administrative office in Politecnico di Torino)** will have to use the application procedure available on <http://www.polito.it/index.php?lang=en> and http://dottorato.polito.it/en/call_interateneo.

Candidates have to pay a € 30,00 non-refundable fee. The payment must be made on line by credit card (VISA, MasterCard) at the end of the application procedure **within 17th May 2019 at 12:00 (noon - CET).** **The application procedure shall be considered completed successfully only after the payment has been made,** following which the candidates will not be allowed to edit their application anymore.

Please note: applicants who have graduated or are about to graduate in Politecnico di Torino and that use the procedure Apply@polito must access the procedure through the Portale della Didattica (<https://login.didattica.polito.it/secure-studenti/ShibLogin.php>) using their credentials (user: Sstudentnumber – password: date of birth, in “ddmmyyyy” format, or modified password).

In their application form, applicants must declare under their own responsibility:

- that they are aware that the originality of their publications and papers presented for admission to the programme or produced during a PhD programme at Politecnico di Torino may be checked with an anti-plagiarism software;
 - that they are not enrolled in any other university programme (except for what is provided for by art. 2)
- or,
- that they are enrolled in another university programme (Bachelor degree, Master degree, Specializing Master, Postgraduate School, PhD) but undertake to withdraw from it before enrolling in the PhD programme at Politecnico di Torino;
 - if they are employed.

B) Candidates interested in applying for the Doctoral Research Program in **“Bioengineering and Medical-Surgical Sciences” and “Pure and Applied Mathematics” (with administrative office in Università degli Studi di Torino)** will have to use the application procedure available on <https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca> and <https://en.unito.it/research/phd/phd-programmes>. Candidates with II level academic title have upload documents required under subsection 2 above.

After selecting the language for compilation (Italian or English), the candidate must select the PhD course and follow the instructions to complete the enrollment, enclosing all the documentation required under subsection 2 above, in the **“Titles management and documents for the selection and the evaluation procedure.”**

At the conclusion of the online registration process, the MAV form is generated for the compulsory payment of the competition fee amounting to **€ 50,00** for each application submitted.

Candidates with II level academic title obtained abroad are exempted from paying the competition fee.

Payment for the application fee has to be issued **within the deadline of the Call.**



Candidates who do not pay the application fee will be excluded from the competition. The application fee is not refundable.

2. The candidate must attach to the application:

- a) **copy of a valid identity document (both sides) with picture and signature (identity card / passport)**
- b) **certificate or self-declaration⁵ of:**
 - **Bachelor degree (I-level degree), with grade, date and place of award;**
 - **Master degree (II-level degree) or equivalent title, if already obtained, as required in art. 2, paragraph 1), with grade, date and place of award if already obtained;**
 - **Transcript with grades of exams passed during all their academic career, with date and place of examination.**

Please note: candidate who has obtained **two or more II-level degrees** shall choose only one title for the purpose of the selection. The titles referring to other university careers shall be attached to the application in quality of “other documents”, as required in the following point h).

The documents if written in a different language from Italian or English have to be presented translated in one of these two language and certificated as in compliance with the hard copy by the issuing University who has provided them or by the competent Italian delegation on the basis of the regulations in force.

- c) **certificate or self-declaration⁵ of English language knowledge, including score, date and place of obtainment (see art. 2, paragraph 3), if already obtained**
- d) **abstract of the Master thesis:** it shall be written in English and contain no more than 4000 characters (two pages)
- e) **short report on the candidate’s scientific research and reasons for undertaking the Ph.D. career:** it shall be written **in English**, have a maximum length of 2 pages (4000 characters) and outline research activities to be carried out in the concerned Ph.D. program
- f) **name and email address of two professors from Italian or foreign universities. For the PhD program in “Urban and Regional Development” (administrative office at Politecnico di Torino)** the selection Board can contact said professors to acquire information relevant to the candidate’s evaluation. **For PhD programmes in "Pure and Applied Mathematics" and "Bioengineering and Medical and Surgical Sciences" (administrative office at University of Turin)**, candidates must indicate in the online registration procedure the name of one or more two referee. Each referee will directly upload the **reference letter** through a specific procedure. Uploading must be **completed by the deadline of the Call**. The candidate can check the referee's response or request the submission by signing up
- g) **Valid GRE® General Test (5 years since the test date), possessed by the application deadline. GRE certificate is compulsory for candidates who apply for PhD programme with a II level academic title obtained abroad. Applicants need to enter Politecnico di Torino as the “Recipient” by selecting code 6994 during the GRE Test examination. Or, if the GRE Test has already been taken, applicants need to add code 6994 via the ETS website. Politecnico is not responsible for**

⁵ Extra-EU students can take advantage of self-certification only for facts and figures that can be attested by Italian public administration and only if in possession of a valid residence permit, which must be attached to the self-certification.



any communication delays caused by ETS. For the PhD programme in "Pure and Applied Mathematics", candidates graduated abroad must read Annex 6 and must complete and attach Annex 7 to the online application form.

- h) any other document** which the candidate deems useful for the purpose of the selection (other I and II level titles, awards, professional experience, publications, other documents useful for the issuance of the declaration of eligibility, Diploma Supplement, *dichiarazione di valore in loco* issued respectively by the University or the Italian embassy/consulate in the country where the degree was issued, etc...).

Applications for the selection process including all the above-mentioned attachments, of which they are integral part, and must be written in the form of a lawful self-declaration, in accordance with art. 46 and 46 of DPR no. 445/2000 and subsequent amendments. The documents attached to the application for its evaluation must be written in the form of self-certificates or *dichiarazioni sostitutive di atto di notorietà* as provided for by the law. The application made by the candidate must include all the necessary information for the evaluation of the academic qualification and the verification of its truthfulness. Failure to include even a single element entails that the qualification will not be evaluated.

After the application has been submitted, it will not be possible to upload any further document.

In case of candidates conditionally admitted in the competition, the Selection Board will evaluate the average grade of exams passed during their university career, instead than the grade of their Master degree. It will not take into consideration any declaration, qualification, publication or request to modify submitted documents after the closing date of this Call. It will be evaluate exclusively the qualifications already obtained by the applicant by the closing date of the Call and submitted in accordance with the instructions provided in this Call.

ART. 4 (Research fellows)

1. Research fellows who carry out research activity at universities or others research institutions can apply for the admission at the PhD programmes as at the previous art. 1. In case they win a scholarship, they can decide if withdraw to research grant and carry out the PhD programme with scholarship, or if to keep the research grant and carry out the PhD programme without scholarship.

2. The topic of the research fellowship and that of the PhD research shall be the same. The Academic Board shall give a binding opinion on the compatibility of the two activities with each other and with previous authorization from the institution.

3. The recipients of a **research fellowship**, whom eligibility to enrol in a Ph.D. programme has been assessed during the selection process, are allowed to access to reserved positions of the PhD programme in "Urban and Regional Development" (*administrative office at Politecnico di Torino*).

The number of positions reserved to research fellows shall be equal to half of the ordinary positions available in each Ph.D. programme and rounded up to the nearest unit.

The research fellowship is not compatible with any Ph.D. scholarship; when enrolling, the research fellows shall follow the same procedure than candidates without scholarships.



ART. 5

(Verification of admission requirements for the purpose of the competition)

1. A dedicated jointly **University Board**, appointed by the Rectors, shall verify that admission requirements indicated in art. 2 have been satisfied. The outcome of the assessment procedure will be published on the websites http://dottorato.polito.it/en/results_rankings_interateneo, <http://en.unito.it/research/phd/phd-programmes> and <http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca>.
2. Those candidates who do not satisfy the above mentioned requirements shall not be admitted to the evaluation procedure described in art. 6. Those candidates who will obtain their II level academic degree within 31 October 2019 will be admitted under condition, fear of being excluded from the PhD programme (as detailed in the art. 2, paragraph 2).
3. The Universities reserve themselves the right to make sample checks on the declarations and documents presented by the applicants. The Universities can therefore decide on the exclusion of an applicant from the selection process at any time due to unfulfilled admission requirements.

ART. 6

(Assessment procedure)

1. The applicants shall be assessed by **one Examination Board**, appointed by the Rectors, **for each Ph.D. program**. The Board shall comprise a minimum of three members, chosen among permanent professors and university researchers, competent in the relevant scientific field, and may comprise national and foreign experts, belonging to private and public, research and academic institutions, for the sole purpose of evaluating the eligibility of the applicants who compete for the scholarships offered by external donors.

In the website of the Politecnico di Torino Doctoral School, http://dottorato.polito.it/en/evaluations_candidates_interateneo, and on the Università degli Studi di Torino website at the webpage <http://en.unito.it/research/phd/phd-programmes> and <http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca>, the names of the members of the examination boards will be published.

2. The assessment procedure concerns the reasons, competences and expertise of the candidates, which can be inferred from the documentation attached to the application and the interview.
3. The Examination Board can assign a score of maximum 100 points, for each of the following voices:
 - titles: maximum 40 points (as detailed in the table below);
 - report of the candidate on his/her scientific interests and reasons for undertaking the Ph.D. career and any evaluation expressed by the professors indicated in the application: maximum 20 points;
 - interview: maximum 40 points.

Candidates with II level academic degree obtained in Italy	Candidates with II level academic degree obtained abroad⁶
Titles (art. 3, paragraph 2, letter b, c, d, g, h): where publications contribute comprehensively for not	Titles (art. 3, paragraph 2, letter b, c, d, g, h): where publications contribute comprehensively

⁶For candidates who compete in positions reserved to students graduated abroad for the PhD programme in “Pure and Applied Mathematics” and made available by the University of Turin, in the context of specific guidelines for the internationalization of the University, see Annex 6



more than 10 points and M.Sc. degree's mark or average mark ⁷ of the exams taken up to a maximum of 8 points maximum 40 points	for not more than 10 points and for GRE Test up to a maximum of 8 points maximum 40 points
Candidate's statement of research interests and motivations to undertake the PhD career (art. 3, paragraph 2, lett. e), and any recommendation by the referees named in the application form (art. 3, comma 2, letter f) maximum 20 points	
Interview maximum 40 points	

4. The interview has the aim to assess the professional and academic resume of the candidates, their scientific and cultural interests and whether applicants are equipped with the basic academic competences required to attend the chosen PhD programme and to carry out the researches related to PhD position with predefined topic/position in apprenticeship, chosen by the candidate (art.1 paragraph 5).

Applicants who cannot attend the oral interview in presence at Politecnico di Torino or University of Turin can ask the Admissions Committees to have a remote interview (videoconference) in accordance with the terms which will be specified when the interview timetable is published. **Candidates applying in the PhD Program in “Bioengineering and Medical-Surgical sciences” and in “Pure and Applied Mathematics”** (administrative office at Università degli Studi di Torino) will have to send a formal request to the Examination Board in order to have the interview remotely. This request should be sent **not later than the day before the titles’ evaluation.** In this case, applicants must specify their contact details which are going to be used by the Committee for the video call. They must also ensure that they will make use of a webcam to be identified.

Applicants must be available on the day of the interview in accordance with the timetable. The Committee and the applicant may arrange a time for the beginning of the interview. Applicants are required to prove their identity before the interview starts by showing the same identification document they attached to their application form. Applicants will be excluded from the selection process if they do not provide their contact details, do not connect to the video call, are unavailable on the date/time of the interview or do not show their identification document. These grounds for exclusion are void if the applicant comes to Universities to attend the oral interview in presence and shows a valid identification document. The Universities are not liable for any technical problems which may hinder the remote interview.

5. Oral interviews, including remote interviews, are public.

6. In the Doctoral School website <http://dottorato.polito.it/en/interviews> and on the web sites <https://en.unito.it/research/phd/phd-programmes> and <https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca> date, time and modality of the interviews will be published.

Applicants shall all come for the interview taking with them a valid identity document, without receiving any further communication. The absence of the candidate to the interview, both in presence or remotely, shall lead to the exclusion from the competition.

At the end of the interview, the Examination Board will, in accordance with the criteria set out in the first meeting, will provide a common judgement on each candidate and will give the score accordingly within a specific report.

⁷ In case the M.Sc. degree title has not been obtained yet (art. 2 paragraph 2).



**ART. 7
(Ranking list)**

1. At the end of the procedure of comparative assessment, the Examination Board shall draft the ranking list, in compliance with the score totalized by each candidate.
2. In case of equal merit, the youngest candidate shall prevail, according to art. 3 Law 127 of 15/05/1997, while for awarding the scholarship the economic situation shall prevail, according to the D.P.C.M. 9/04/2001. If this case applies, the Universities will require the documentation proving the candidate's economic situation.
3. Only those candidates who totalized a **minimum score of 60/100** shall be assessed eligible for the admission in a Ph.D. programme, according to the merit-ranking list, the available positions and the indications contained in this Call.
4. Subsequently, the Commission, according to the merit ranking, the number of scholarships/positions in apprenticeship, the scientific and cultural interests of the candidates and the suitability of any options with restricted themes expressed by the candidates, assigns scholarships/research fellowships/apprenticeships based on:
 1. the ranking position;
 2. for PhD positions with predefined research topic, according to the ranking order and up to their number, without prejudice to the suitability assessment expressed by the Examination Board regarding the adequacy of the candidate's training profile.
5. Eligible candidates who have not yet obtained the 2° level (M.Sc.) degree (see art. 2 paragraph 2) and/or those who have not yet submitted the English certificate (see art. 2 paragraph 3) and/or those who are enrolled in other universities programmes at Italian or foreign Universities or research institutes **shall be admitted conditionally**.
6. The acts relating to the competition procedure and the ranking list for admission in the PhD programme, indicating candidates' data, final score, position and any allocated scholarship for each candidate, shall be approved by the Rectors.
7. The ranking lists of candidates admitted at the PhD programmes will be published online at the address http://dottorato.polito.it/en/results_rankings_interateneo and on <https://en.unito.it/research/phd/phd-programmes> and <https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca>. No personal communications will be sent to the candidates: the online publication of the ranking lists and subsequent takeover lists shall have the value of official statement. Further information about the takeover for each PhD programmes is available at art. 9.

**ART. 8
(PhD scholarships)**

1. The PhD scholarship has an annual duration and is renewed for each year of the course provided that the PhD student has completed the required programme activities during the year and that the Academic Board admits them to the successive year of the PhD.
The payment is made for a maximum of three years.



2. The gross annual amount of the scholarship is Euro 18.854,52, including pension contributions charged to the recipient. The scholarship recipients are not liable for local income tax and personal income tax (IRPEF) and the amount is subject to deductions of the INPS contributions, two third of which are charged at the expenses of University and one third is covered by the recipient.

The amount of the scholarship shall be increased of 50%, during mobility periods spent abroad, not exceeding 18 months of mobility throughout three years.

3. The following candidates can't receive scholarship

- a) individuals who have already been granted a scholarship for a PhD programme in Italy cannot receive another scholarship even if they enrol in a new PhD programme
- b) civil servants who are on special leave but still receive their salary and social security contributions
- c) research fellows (see art.4, paragraph 1).
- d) individuals who have a contract of "Alta Formazione e Ricerca" (art. 45 of Legislative Decree no. 81/2015).

ART. 9

(Modalities of enrolment in the PhD programme)

1. Successful candidates (including those who received a conditional offer for admission) have to proceed with their enrolments **into the PhD program according to the following instructions:**

A) Phd Program in URBAN AND REGIONAL DEVELOPMENT (*administrative office in Politecnico di Torino*)

1. Applicants admitted in the PhD programme shall proceed with securing their position via an online procedure, paying an amount of **€ 150, 00** (not refundable in the event of a subsequent withdrawal) which will be deducted from the amount of the due tuition fees; **the failure to do so by the following deadline shall entail the loss of the right to enrolment:**

- **by the 19th July 2019** for admitted candidates of a PhD position with scholarship and/or position in apprenticeship;
- **by the 24th July 2019** for admitted candidates without scholarship.

Candidates who do not secure their position online by the deadlines and with the modalities indicated, are considered to waive their right of enrolment in the PhD programme for which they applied.

2. If a candidate was allocated a position in more ranking lists, he/she shall choose only one of the allocated positions. The choice, made by securing the preferred position online, shall not be revoked.

3. Those candidates who scored at least 60/100 and want to request admission within the number of available reserved positions shall contact the Doctoral School (scudo@polito.it) by 31st August 2019, attaching the documents in support of their application for the reserved position.

4. Failure to accept an offer of admission by the deadlines and in accordance with the instructions provided in this Call implies that the applicant wants to declines his/her PhD offer and they will be excluded by the programme for which he/she had applied.

5. After the expiry of the deadline for securing the position allocated, the modalities and list of the candidates eligible to take over positions made available, in compliance with the order of the rankings,



are published at the page http://dottorato.polito.it/en/results_rankings_interateneo. **Just one taking over will be carried out.**

6. Eligible candidates who are offered a PhD position (replacement) but do not accept the PhD offer within the deadlines will be considered to have implicitly renounced their offer of admission.

7. If some scholarships remain unassigned (including for implicit renunciation) upon the enrolment deadline, they will be offered to PhD candidates without any scholarship (provided that they accepted their offer of admission in compliance with previous paragraph 1 and are conveniently placed on the ranking list). For scholarships/positions in apprenticeship format with predefined research topic, decisions will also be based on the evaluation of the applicant made by the Admissions Committee.

8. All those who were allocated a position and secured their positions shall enrol online via the procedure Apply@polito **from 3rd October 2019 to 6th November 2019**, failure the exclusion from the procedure of admission to the PhD programme.

9. The enrolment procedure has two phases and is considered completed upon conclusion of both phases.

First phase - online enrolment (deadline: 31st October 2019)

PhD candidates must enrol online from the Apply@polito platform and simultaneously pay the fee referred to in article 11.

Applicants who received a “**conditional offer of admission**” (art. 7, paragraph 5) can enrol in the programme within the deadlines following the online procedure (paragraph 8) exclusively after their provisional condition has been dropped. In particular:

- applicants who obtained their Master’s degree⁸ after the deadline for application submission (art. 3) must enter the information on their degree (final grade, date and place of conferral)
- applicants who obtained their English language certificate after the deadline for application submission with reference to art. 3 must enter the information on their certificate (type of certificate, grade, date and place of conferral)
- applicants who were enrolled in another PhD programme, Bachelor's/Master's degree programme, 1st and 2nd level Specializing Master's programme, Graduate School (except as provided in art. 7 of DM 45/2013) at another Italian/international university or research centre, must declare that they undertake to withdraw or suspend their studies.

Second phase - enrolment at the Doctoral School (deadline: 6th November 2019):

Upon conclusion of online enrolment, applicants will be invited to come to the Doctoral School on a specific date and time for the second phase of the enrolment. PhD candidate need to provide the following documents:

- a) photocopy of their identification document passport
- b) original hard copy of the English language, as provided for in art. 2, paragraph 3

Applicants with a non-Italian academic qualification must also provide:

- c) original hard copy of their GRE[®] General Test, submitted during the application process
- d) original hard copy of their Master’s degree and transcript of records, written in one of the languages

⁸ Applicants with Master’s degree obtained in Italy must graduate with a minimum final grade of 95/110 (art. 2, paragraph 2) otherwise they will not be admitted to the PhD programme.



listed in art. 2, paragraph 4⁹.

Upon conclusion of the enrolment process, PhD candidates will receive their Politecnico di Torino smart cards.

10. The enrolment process must be completed no later than 6th November 2019. Failure to do so entails that they will be excluded by the application process to the PhD.

11. In the event that a PhD candidate cannot be in Turin by 6th November 2019 for serious and proven reasons, he/she must promptly inform the Doctoral School (scudo@polito.it) and provide supporting documents for his/her absence. The **cut-off date** to complete the enrolment is **8th January 2020**. Failure to be in Turin by this deadline and/or failure to inform the Doctoral School about one's absence implies that the PhD candidate has renounced his/her offer of admission.

12. The scholarship will be disbursed only upon completion of the enrolment process and arrival of the PhD candidate at Politecnico di Torino. In any case the scholarship will not be paid until the PhD candidate provides the details of a bank account which he/she holds or co-holds. This information must be provided through the Teaching Portal (Portale della Didattica).

13. Applicants who are employed must present to the Doctoral School, within 6th November 2019, a declaration on their current job. The template of this declaration is available at http://dottorato.polito.it/en/securing_position_enrolling_interateneo. This PhD candidates are enrolled "with condition".

14. Politecnico di Torino reserves itself the right to verify at any time the truthfulness of the documents and self-certificates submitted by the applicants and to take measures in the event of false declarations, without prejudice to his/her criminal liability.

B) Phd Program in "BIOENGINEERING AND MEDICAL-SURGICAL SCIENCES" and "PURE AND APPLIED MATHEMATICS" (*administrative office in University of Turin*)

1. **Successful applicants holding Italian qualifications** must confirm their enrolment into the PhD programme through the same on-line procedure used for submitting the applications within 10 days from the publication of final merit ranking list.

Missing the deadline will result in exclusion from the PhD programme.

For the enrolment procedure, successful applicants must confirm their enrolment through the online platform and upload in the same platform the following documentation:

1. Enrolment form FORM A (this form can be downloaded from <http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca>);

2. Bank account details FORM B (applicable only for those positions with scholarship; this form can be downloaded from <http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca>)

3. Declaration about job activities FORM C (this form can be downloaded from <http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca>)

⁹ EU applicants can provide self-declarations (see Annex 3).



4. Copy of Italian Tax Code (Codice Fiscale);

Within 10 days from the publication of final merit ranking list, successful applicants must also pay the tuition fees for enrolment to the PhD Programmes as set out in the University Regulation of Taxes and Contribution.

Missing the deadline will result in exclusion from the PhD programme.

Applicants who applied under condition of obtaining their Master Degree or equivalent second cycle degree within 31st October 2019 must communicate the date of the award of their qualification within **31st October 2019** by sending Annex 3 to the PhD Office by email (dottorati@unito.it).

Successful applicants who do not provide the documentation within the terms and conditions set in this article lose the right to enrol in the PhD Programme.

2. Successful applicants holding international qualifications must confirm their enrolment into the PhD programme through the same on-line procedure used for submitting the applications **within 10 days from the publication of final merit ranking list.**

Missing the deadline will result in exclusion from the PhD programme.

For the enrolment procedure, successful applicants must confirm their enrolment through the online platform and upload in the same platform the following documentation:

1. Enrolment form FORM A (this form can be downloaded from <https://en.unito.it/research/phd/phd-programmes>);
2. Bank account details FORM B (applicable only for those positions with scholarship; this form can be downloaded from <https://en.unito.it/research/phd/phd-programmes>)
3. Declaration about job activities FORM C (this form can be downloaded from <https://en.unito.it/research/phd/phd-programmes>)
4. Copy of Italian Tax Code (Codice Fiscale);
5. Declaration of recognition of eligibility for successful applicants who have not applied for the process of recognition by the Examination Board when entering the competition (as per art.3);
6. Original or certified copies of Bachelor's and Master's Degree;
7. Original or certified copies of Bachelor's and Master's transcripts;
8. Original or certified copies of the "Dichiarazione di valore in loco" or Diploma Supplement (as per art. 3, point 3).

Within 10 days from the publication of final merit ranking list, successful applicants must also pay the tuition fees for enrolment to the PhD Programmes as set out in the University Regulation of Taxes and Contribution.

Missing the deadline will result in exclusion from the PhD programme.

Applicants who applied under condition of obtaining their Master Degree or equivalent second cycle degree within 31st October 2019 must communicate the date of the award of their qualification **within 31 October 2019** by sending Annex 3 to the PhD Office by email (dottorati@unito.it).



Within 20th September 2019 international applicants are requested to set a meeting with the PhD Office (dottorati@unito.it) in order to complete their enrolment. Only after the meeting, enrolment will be considered as completed.

Successful applicants who do not provide the documentation within the terms and conditions set in this article lose the right to enrol in the PhD Programme.

3. Should successful candidates withdraw, their positions shall be assigned to qualified candidates according to the order of the final merit-ranking list except for the allocation of PhD scholarships with a predefined research topic/research fellowships/positions in apprenticeship/reserved¹⁰ positions.

Candidates who applied under condition in the PhD programme of “BIOENGINEERING AND MEDICAL-SURGICAL SCIENCES” and “PURE AND APPLIED MATHEMATICS” (*administrative office at Università degli Studi di Torino*) must communicate the date of the award of their qualification within 31 October 2019 by sending Annex 3 of this document to the PhD Office by email (dottorati@unito.it) **not later than 31st October 2019. Missing the deadline will result in the exclusion of the PhD program.**

ART. 10

(Rights and obligations of the PhD students)

1. Enrolment in a Ph.D. programme requires an exclusive, full-time commitment. PhD candidates are required to attend classes full-time and conduct their study and research activities in the place of research and in compliance with the Call for application, the Regulations for PhD Program of the administrative office of the PhD programme and the terms established by the Academic Board of the programme.
2. The Academic Board may authorise PhD candidates to undertake limited remunerated jobs after having verified that these jobs are compatible with their academic performance (training and research) related to the PhD programme.
3. Enrolment in a Ph.D. programme is not compatible with enrolment in other Ph.D. programmes at other universities or research centres in Italy and abroad (with the exception of dual degree agreements), nor with the enrolment in Bachelor and M.Sc. degrees, 1° level and 2° level Master and Graduate Schools, excluding Medical Graduate School, in accordance with art. 7 of DM 45/2013.
4. Civil servants admitted to a PhD programme are placed on unpaid special leave for study purposes from the beginning of the PhD programme and for its entire duration, if this is compatible with the needs of the employer (Public Administration). During this period they may receive a scholarship.
In the event that civil servants are admitted to a PhD programme without any scholarship – or if they renounce it – they are placed on special leave but keep their salary and social security contributions from the employer. In this case, if they resign from office within two years from the date of PhD degree conferral, they must refund their salaries (received during the entire duration of the PhD programme) to their employer. Civil servants who already hold a PhD degree or have been enrolled in a PhD programme with special leave from work for at least one academic year do not have the right to be placed on paid or unpaid special leave.

¹⁰For candidates who compete in positions reserved to students graduated abroad for the PhD programme in “Pure and Applied Mathematics” and made available by the University of Turin, in the context of specific guidelines for the internationalization of the University, see Annex 6



5. Non-EU nationals are required to comply with the norms on entry visa and residence permit.
6. For all matters concerning the degree of the PhD course and the achievement of the title, the Doctoral Regulations of the administrative office of the Doctoral Program apply.

**Art. 11
(Tuition and attendance fees)**

1. Tuition and attendance fees are detailed in the sheets of each PhD program.

**ART. 12
(Ownership of intellectual property rights resulting from Ph.D. students'
research activities)**

1. Unless otherwise provided by agreements with third parties, all industrial and intellectual property rights resulting from the activities in which PhD students may be involved shall be governed by the relevant regulations in force at their respective university.

**ART. 13
(Code of ethics)**

1. PhD students must comply with the Code of Ethics of the University Community issued by the available at: <http://www.unito.it/ateneo/statuto-e-regolamenti/codici-di-comportamento> and http://www.swas.polito.it/services/docuff/Default.asp?id_documento_padre=10358.

**ART. 14
(Processing of personal data and right of access)**

1. In accordance with the General Data Protection Regulation (EU Regulation 2016/679) and the "Code regarding the protection of personal data" (Legislative Decree No. 196 of 30th June 2003 and further amendments) personal data will be processed by Politecnico di Torino and Università degli Studi di Torino in pursuit of its institutional aims and in accordance with the transparency purposes imposed by the law. The processing of personal data is based on the principles of correctness, lawfulness and relevance of purposes. More information on the processing of personal data is available at: https://didattica.polito.it/privacy/index_en.html and <https://www.unito.it/informative-sul-trattamento-dei-dati-personali>.

2. These data are used by the Politecnico di Torino and the University of Turin exclusively for the purposes of the institutions themselves; data are provided to the Universities offices to carry out the relevant activities without transmitting to candidates further communication.

3. Access to all documents is allowed in the forms provided for by current legislation.



**ART. 15
(Governing Laws and Regulations)**

1. For matters not expressly provided for in the present call, the relevant governing laws and regulations shall apply, in particular:

- Ministerial Decree No. 45 of February 8, 2013;
- Regulations on Ph.D programmes of Politecnico di Torino;
- Regulations on PhD Schools and programmes of the University of Torino.

2. These documents are available on the website of the Doctoral School of the Politecnico di Torino at <http://dottorato.polito.it/en/legislation> and on the website of the University of Turin at <https://www.unito.it/ateneo/statuto-e-regolamenti/regolamenti-ricerca>.

The present call is published on the European website Euraxess and the website of Italian Ministry for Education, University and Research and on the Politecnico di Torino Doctoral School website at http://dottorato.polito.it/en/call_interateneo and on the Università degli Studi di Torino website <http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca> and <https://en.unito.it/research/phd/phd-programmes>.

3. Responsible of this procedure is the Responsible for the Graduate Studies Service of Politecnico di Torino for the PhD program in “Urban and Regional Development”, and the Director of the Research and Third Mission Division of the University of Torino for the PhD Programmes in Bioengineering and Medical-Surgical sciences and Pure and Applied Mathematics.



ANNEX 1

PhD PROGRAM IN BIOENGINEERING AND MEDICAL-SURGICAL SCIENCES

Administrative office: Università degli Studi di Torino
Coordinator: Prof. Gianluca Ciardelli (<i>Dipartimento di Ingegneria Meccanica e Aerospaziale del Politecnico di Torino</i>)
Program duration: 3 years
Course beginning date: 1st November 2019

ORDINARY POSITIONS	N. 17
<u>Positions covered with scholarship</u>	
Scholarships funded by Politecnico di Torino	n. 6
Scholarship funded by Università degli Studi di Torino	n. 2
Scholarships funded by Politecnico di Torino on starting grant funds of Prof. Tuszynsky	n. 1
Scholarships funded by Politecnico di Torino in the framework of the incentive scheme for doctoral studies	n. 2
Scholarships funded by Università degli Studi di Torino by Dipartimento di Scienze chirurgiche (project of Departments of Excellence)	n. 2
<u>Positions without scholarship</u>	n. 4
RESERVED POSITIONS	N. 1
Scholarship funded by of Università degli Studi di Torino reserved to students graduated abroad	n. 1



Eligibility requirements	see art. 2 of the call of admission
Procedures for the admission to the competition	Titles assessment and interview
Titles to specify in the on-line application	see art. 3 of the call of admission
Competition fee: € 50,00 for each application submitted (Each bank payment for the MAV service fee is equal to Euro 1.50) Candidates with II level academic degree obtained abroad are exempted from paying the competition fee.	Failure to proceed with the payment shall entail the exclusion from the admission of the candidate to the competition.
Check on the admission requirements and interview dates	Published on http://dottorato.polito.it/en/results_rankings_interate_neo , https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca and https://en.unito.it/research/phd/phd-programmes
Fees for admission and courses attendance	Payment of student contribution for access and attendance of courses is established by the University Taxes and Contributions Regulation. For the payment you must use the appropriate form issued by the on-line registration procedure. The PhD students, who have the requirements required by EDISU (Piedmont Regional Institution for Right to University Study), may apply for a refund of the regional tax. See the "Regulation for the exemption of the regional tax for those enrolled in the PhD" on this site at www.edisu.piemonte.it .

In case any additional scholarships and positions in apprenticeship, as per art. 45 of Legislative Decree No. 81/2015 and Law No. 240/2010 and per D.M. No. 45 of February 8, 2013, which may be funded after the issue of this call, these will be notified and published on the Università degli Studi di Torino website: <https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca> and <https://en.unito.it/research/phd/phd-programmes>.



PhD PROGRAM IN PURE AND APPLIED MATHEMATICS

Administrative seat: <i>Università degli Studi di Torino</i>
Coordinator: <i>Prof. Riccardo Adami (Dipartimento di Scienze Matematiche "G. L. Lagrange" del Politecnico di Torino)</i>
Program duration: 3 years
Course beginning date: 1st November 2019

ORDINARY POSITIONS		N. 13
<u>Positions covered with scholarship</u>		
Scholarships funded by Politecnico di Torino	n. 6	
Scholarship funded by Università degli Studi di Torino	n. 2	
Scholarship funded by Politecnico di Torino in the framework of the initiative the incentive scheme for doctoral studies and of MIUR Dipartimenti di eccellenza for the Department of Mathematical Sciences "G. L. Lagrange"	n. 2	
<u>Positions without scholarship</u>	n. 3	
RESERVED POSITIONS		N. 1
Scholarship funded by Università degli Studi di Torino reserved to students graduated abroad	n. 1	



Eligibility requirements	see art. 2 of the call of admission
Procedures for the admission to the competition	Titles assessment and interview
Titles to specify in the on-line application	see art. 3 of the call of admission
Competition fee: € 50,00 for each application submitted (Each bank payment for the MAV service fee is equal to Euro 1.50) Candidates with II level academic degree obtained abroad are exempted from paying the competition fee.	Failure to proceed with the payment shall entail the exclusion from the admission of the candidate to the competition.
Check on the admission requirements and interview dates	Published on http://dottorato.polito.it/en/results_rankings_interate_neo , https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca and https://en.unito.it/research/phd/phd-programmes
Fees for admission and courses attendance	<p>Payment of student contribution for access and attendance of courses is established by the University Taxes and Contributions Regulation. For the payment you must use the appropriate form issued by the on-line registration procedure.</p> <p>The PhD students, who have the requirements required by EDISU (Piedmont Regional Institution for Right to University Study), may apply for a refund of the regional tax. See the "Regulation for the exemption of the regional tax for those enrolled in the PhD" on this site at www.edisu.piemonte.it.</p>

In case any additional scholarships and positions in apprenticeship, as per art. 45 of Legislative Decree No. 81/2015 and Law No. 240/2010 and per D.M. No. 45 of February 8, 2013, which may be funded after the issue of this call, these will be notified and published on the Università degli Studi di Torino website: <https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca> and <https://en.unito.it/research/phd/phd-programmes>.



PhD PROGRAM IN URBAN AND REGIONAL DEVELOPMENT

Administrative seat: *Politecnico di Torino*

Coordinator: *Prof. Umberto Janin Rivolin* (*Dipartimento Interateneo di Scienze, Progetto e Politiche del Territorio of Politecnico di Torino*)

Program duration: 3 years

Course beginning date: 1st November 2019

ORDINARY POSITIONS

N. 17

Positions covered with scholarship

Scholarships funded by Politecnico di Torino n. 6

Scholarship funded by Università degli Studi di Torino n. 3

Scholarship funded by Politecnico di Torino in the framework of the incentive scheme for doctoral studies n. 2

Scholarships funded by Politecnico di Torino in the framework of the initiative from MIUR Dipartimenti di eccellenza for the Interuniversity Department of Regional and Urban Studies and Planning n. 2

Positions without scholarship n. 4

RESERVED POSITIONS

N. 11

Positions reserved to recipients of scholarships, granted by governmental, national or international bodies n. 2

Positions reserved to students selected under specific international agreements in which Università degli Studi di Torino is involved n. 1

Positions reserved to research fellows n. 8



Eligibility requirements	see art. 2 of the call of admission
Procedures for the admission to the competition	Titles assessment and interview
Titles to specify in the on-line application	see art. 3 of the call of admission
Competition fee	€ 30,00 for each application submitted Failure to proceed with the payment shall entail the exclusion from the admission of the candidate to the competition
Check on the admission requirements and interview dates	Published on http://dottorato.polito.it/en/results_rankings_interateneo , https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca and https://en.unito.it/research/phd/phd-programmes
Fees for admission and courses attendance	€ 159,53 (including accident insurance, revenue stamp and EDISU contribution). For what concerns the exemption system, please refer to the Tax Regulation document of Politecnico di Torino.

In case any additional scholarships and positions in apprenticeship, as per art. 45 of Legislative Decree No. 81/2015 and Law No. 240/2010 and per D.M. No. 45 of February 8, 2013, which may be funded after the issue of this call, these will be notified and published on the Politecnico di Torino website: http://dottorato.polito.it/en/call_interateneo and http://dottorato.polito.it/en/scholarships_interateneo.



ANNEX 2

Certificates accepted or exemptions in substitution for IELTS 5.0

Examination Board	Certificate	Minimum requirements
IELTS https://www.ielts.org/	IELTS General Training	5.0
Cambridge English Language Assessment http://www.cambridgeenglish.org/exams/	Cambridge English: PRELIMINARY (PET)	Pass with Merit
	BULATS	Reading & Listening: overall score 54 Writing e Speaking: at least one B2 between the two tests
Cambridge Assessment English http://www.cambridgeenglish.org/exams-andtests/qualifications/general <i>formerly known as:</i> Cambridge English Language Assessment http://www.cambridgeenglish.org/exams	All certificates	Cambridge English Scale: score 154
	BULATS	Reading & Listening: overall score 54 Writing e Speaking: at least one B2 in one of the tests
ETS http://www.ets.org/toefl	TOEFL ibt	62
	TOEFL cbt	210
	TOEFL pbt	547
	TOEIC	Listening: 360 Reading: 350 Speaking: 150 Writing: 140
Pearson http://pearsonpte.com/	Pearson Test of English Academic	51
LCCI - EDI / Pearson http://qualifications.pearson.com/en/qualifications/lcci.html	JETSET	JETSET Level 4 Reading, Writing, Listening e Speaking: pass with overall score (“total”) “Distinction”
Trinity	Trinity ISE I	Reading, Writing, Listening, Speaking: pass with overall result “Distinction” in all the tests



ANNEX 3

Self-Declaration

(art. 46 of Presidential Decree No. 445 of December 28th, 2000)

The undersigned _____

social security number _____

place of birth _____ (____) date of birth

____/____/____, permanent address: street/square _____ No. _____ city

_____ (____)

being aware that anyone making false declarations is punishable under the Italian Criminal Law and specific provisions on this matter, pursuant to art. 46 of Presidential Decree No. 445/2000

DECLARES

Date and place,

Signature of Declarant
(full and readable)

Pursuant to Legislative Decree No. 196/2003 and subsequent amendments, the information provided in the existing declaration shall be used for the purposes for which it was provided only.



ANNEX 4

SELECTING/WAIVING POSITIONS

I, the undersigned _____

social security number (Italian fiscal code) _____

place of birth _____ (____) date of birth

____/____/____, permanent address: street/square _____ No. ____ city

_____ (____) country _____

I apply for a position in the **PhD Programme in Pure and Applied Mathematics / Bioengineering and medical-Surgical sciences** (administrative offices: University of Torino) (*specify the name of the PhD programme for which you apply*)

AND I HEREBY DECLARE

(select the option relevant to you)

A) to renounce to the award of any scholarship/positions in apprenticeship and to apply only for positions without scholarship

B) to apply for the following bound scholarships/positions in apprenticeship

1) _____

2) _____

3) _____

4) _____

5) _____

Date, _____

Place, _____

Signature of Declarant

(full and readable)



ANNEX 5

Evaluation of the Graduate Record Examinations (GRE)

Assignment of the GRE score based on the percentage obtained by the candidate:

Percentile	Points
More than 75%	8
between 70% and 74%	7
between 60% and 69%	6
Between 50% and 59%	5
between 40% and 49%	4
between 30% and 39%	3
between 20% and 29%	2
between 0% and 19%	1
NS	0

GRE Test weighing formula for each session:

$$\text{GRE} = a1 * \text{ind1} + a2 * \text{ind2} + a3 * \text{ind3}$$

Where “a1, a2, a3” are weights indicated in the table below and “ind1, ind2, ind3” are the points assigned to the three indicators, according to the percentage positioning of the candidate.

Weights assigned to each session of the GRE Test:

PhD Programme	Verbal Reasoning (VR)	Quantitative Reasoning (QR)	Analytical Writing (AW)
	a1	a2	a3
Bioengineering and Medical-Surgical Sciences	0,45	0,45	0,1
Pure and Applied Mathematics	0,4	0,4	0,2
Urban and Regional Development	0,2	0,4	0,4



ANNEX 6

PhD Programme in Pure and Applied Mathematics

(Positions reserved to candidates graduated abroad)

The University of Turin grants PhD scholarships to students graduated abroad as part of the University's internationalization guidelines.

It is called that:

- **Candidates with qualifications obtained abroad, and who do not hold the GRE test certification, can only compete for the PhD scholarships made available by the University of Turin within the University's internationalization guidelines.** Therefore, these candidates cannot compete for other types of positions available and therefore **must not submit the form** (annex 4) “SELECTING/WAIVING POSITIONS” (art.1 paragraph 5 letter B) concerning the selection of bound scholarships/research fellowship/positions in apprenticeship. The aforementioned candidates are considered and evaluated as candidates with a second level qualification/degree obtained in Italy.
- **Candidates with qualifications obtained abroad** must follow the selection procedures indicated in art. 6 paragraph 3 of this Call.
- The application for admission to the competition must be submitted following the instructions given in article 3 of this Call.
- With regard to art. 2, paragraph 1, those who will obtain the master's degree by 31 October 2019 may apply for admission to the competition.
- With regard to art. 3, paragraph 2 letter f, it is mandatory to indicate, in the online application, the name of one or two referees and their email address. Each referee will directly upload the letter of references through a specific procedure. The upload must take place by the deadline of this Call. The candidate through the registration procedure will be able to verify the referees'upload or request that they be sent.



ANNEX 7

**Declaration for graduated applicants abroad participating in the competition for admission to the
Ph.D. in Pure and Applied Mathematics**

I, the undersigned, (name and surname) _____

born in (Country and City) _____ ()

on _____/_____/_____, living _____ in
_____ ()

full address _____ n° _____

taking note of the Call for admission to the PhD program in "Pure and Applied Mathematics" (in agreement between the University of Turin and the Polytechnic of Turin) XXXV cycle

HEREBY DECLARE

to be aware that, if it does not enclose the certification of the GRE test to the online application for participation in the competition, it competes only for positions reserved for graduated students abroad and made available by the University of Turin.

Place and date, _____

Signature
(full and readable)