



**CALL FOR ADMISSION TO THE PHD PROGRAMS JOINTLY ACTIVATED BY POLITECNICO
DI TORINO AND UNIVERSITÀ DEGLI STUDI DI TORINO (XXXIII CYCLE)**

EXECUTIVE SUMMARY

**Art. 1
(Available positions)**

1. Public competitive examinations, open to both Italian and foreign citizens, are announced for admission to the 33rd Cycle of following doctoral programs jointly activated and managed by Politecnico di Torino and Università degli Studi di Torino:

- PhD program in “Bioengineering and Medical-Surgical sciences”
- PhD program in “Pure and Applied Mathematics”
- PhD program 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:

- positions covered by Ph.D. scholarships without an assigned research topic (see paragraph 5);
- positions covered by Ph.D. scholarships with an assigned research topic (see paragraph 5);
- positions for Ph.D. in apprenticeship (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 Ph.D. program (see paragraph 8);
- position reserved to students selected under specific international agreements in which Politecnico di Torino and 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 program (see paragraph 11).

3. It is announced the availability of **72 positions** and **45 scholarships**, distributed as in the tables below and detailed in Annex 1 of the call:

ORDINARY POSITIONS

Ph.D. program	Overall Positions	Positions with scholarship *	Ph.D. in apprenticeship	Positions without scholarship
Bioengineering and Medical-Surgical sciences	22	17	0	5
Pure and Applied Mathematics	16	12	0	4
Urban and Regional Development	19	15	0	4



* Detailed information about bound scholarships are published at the page http://dottorato.polito.it/en/scholarships_interateneo, <http://en.unito.it/research/phd/phd-programmes> e <http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca> (see paragraph 5).

RESERVED POSITIONS

Ph.D program	Overall Positions	Reserved to recipients of scholarships granted by governmental, national and international bodies	Reserved to students selected within specific international mobility programs	Reserved to students graduated abroad	Reserved to research grant
Bioengineering and Medical-Surgical sciences	0	0	0	0	0
Pure and Applied Mathematics	2	0	1	1 (scholarship)	0
Urban and Regional Development	13	0	4	0	9

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 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 <http://en.unito.it/research/phd/phd-programmes> and <http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca>, and in case of assigned research topic scholarship, the relevant descriptive sheet will be published.

5. **Ph.D. 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 and <http://en.unito.it/research/phd/phd-programmes> and <http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca>, are divided into two categories: scholarships without an assigned research topic, that is open scholarships, and scholarships with an assigned research topic, that is bound scholarships.

Except when explicitly waived, all the candidates applying for a Ph.D. position within the existing call have the right to receive an open scholarship, if available.

Instead, bound scholarships are allocated only to selected applicants, having the required competences to carry out that specific research.

The topics associated to bound scholarships will be published at the following page http://dottorato.polito.it/en/scholarships_interateneo, <http://en.unito.it/research/phd/phd-programmes> and <http://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 bound scholarships 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 bound scholarships (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 **from 5 days prior to the beginning of the interviews** for admission in the concerned Ph.D. 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 bound scholarship shall compete only for open scholarships.

Those applicants who are not interested in any scholarship (nor with neither without assigned research topics) shall also enter the procedure Apply@polito (see art. 3 paragraph 1), using the provided login information, and select the option for waiving their right to scholarship allocation. Those applicants will compete for the positions without scholarship only. The waiving of the right to scholarship allocation cannot 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 **BOUND SCHOLARSHIP FORM (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 bound scholarship they are interested in. The choice of scholarship 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 specific bound scholarship will only apply for open scholarships. The option exercised is irrevocable.

Candidates who do not wish to apply for any scholarship, being it an open or a bound scholarship, have to fill in the scholarship form with the **renouncement to all scholarships as indicated above**. These candidates will be able to apply only for positions without scholarships. **Choosing to renounce the award of a scholarship is definitive and cannot be changed.**

Candidates who will be interviewed remotely, must submit the SCHOLARSHIP 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 - SCHOLARSHIP FORM".

6. Ordinary positions within the framework of Ph.D. in apprenticeship 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 Ph.D. programs in apprenticeship are admitted to undertake a higher education program, leading to the awarding of a Ph.D. title, while being simultaneously employed by a company with an apprenticeship contract.

The selected candidate is admitted in the Ph.D. program without scholarship and employed by the company with an apprenticeship contract, whose duration is equal to that of the candidate's Ph.D. 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.

7. Each Ph.D. 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 4 of art. 2 shall not receive a Ph.D. scholarship.



8. Each Ph.D. 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. **The positions reserved to students within specific international mobility programs** - are aimed to develop cooperation and mobility in the field of higher education.

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

11. The recipients of a **research fellowship**, whom eligibility to enrol in a Ph.D. program has been assessed during the selection process, are allowed to access to **reserved positions** of the PhD programme in "Urban and Regional Development". The topic of the research fellowship shall match that of the Ph.D. thesis; the candidates may be admitted under condition that the relevant Academic Board assesses the undertaking of the Ph.D. career compatible with the career as research fellow, and further to the approval of the institution granting the research fellowship.

The number of positions reserved to research fellows shall be equal to half of the ordinary positions available in each program 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.

12. Pursuant to the Ministerial Decree 45/2013, Ph.D. programs 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, without citizenship restrictions, is granted to those who, by the **application deadline (June 29, 2017, 12:00 Italian time)**, are in possession of **Master of Science degree or an academic title obtained abroad and suitable for PhD admission** or those who were awarded the above-mentioned title by and no later than 31st October 2017. In these cases the admission to the selection procedure is under condition.

2. The right to apply is to Italian and foreign citizens, who, in addition to what is established at the previous paragraph 1, are in possession of the following requirements, partially diversified according to the Country in which the II level academic title has been obtained.

Candidates with II level academic title obtained in Italy	Candidates with II level academic title obtained abroad and recognized valid (see the following paragraph 3)
<p>a) M.Sc. degree with a minimum mark of 95/110 or</p> <p>M.Sc. degree obtained by 31st October 2017, provided that the exams average mark taken during the M.Sc. degree is not less than 25/30 and the final mark is minimum 95/110, <u>otherwise the application won't be accepted.</u></p>	<p>a)Valid GRE® General Test, possessed by the application deadline.</p>



b) One of the following **certificates of English language knowledge detailed in the Annex 2**, regardless of the date of obtainment:

or

declaration of having a Ba. and/or M.Sc. degree issued by a University in which courses are taught in English, i.e. “The medium of instruction was English”.

Certificates not included in the Annex 2 will not be accepted.

PhD program in Urban and Regional Development

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 (17th October 2017)**. 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 at Doctoral School (see art 9, paragraph 1, letter A); **the failure to do so shall entail the loss of the right to enrol.**

PhD Programs in “Bioengineering and Medical-Surgical Sciences” and “Pure and Applied Mathematics”

The right to apply is guaranteed also to **candidates who will obtain the certificate of English language knowledge by and no later than the 30th September 2017** (the day before of the beginning of the two PhD courses). In this case, the **application is accepted under condition** that the candidate submits, by this deadline, one of the above-mentioned certificate to Sezione Dottorati di Ricerca – Direzione Ricerca e Terza Missione of the Università degli Studi di Torino - (email: dottorati@unito.it). **The failure to do so shall lead to the rejection of the enrollment to the PhD Program.**

The failure to fulfill even one of those requirements (letter a and b) shall lead to the rejection of the application.

3. Candidates with a title awarded by a foreign institution may be admitted in a Ph.D. program 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. program 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 the admission in the present call and be declared by a specific University board.

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

- certificate or self-declaration (see attachment 3) of B.Sc. and M.Sc. degree with mark, if already obtained;
- certificate or self-declarations (see attachment 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).

The above mentioned documents shall be written by the issuing University in one of the following language: Italian or English.

Candidates who have already obtained a declaration of equivalence of their foreign title, issued by an Italian University, shall attach a self-declaration to the application.

4. Concerning restrictions on admission to Ph.D. programs, it is provided that:



- if selected, those candidates already enrolled in a Ph.D. programme without scholarship shall be admitted in a different Ph.D. programme, further to the withdrawal from the previous Ph.D. programme and under condition that they start from the first year;
- if selected, those candidates already enrolled in a Ph.D. programme with scholarship shall be admitted in a different Ph.D. programme without scholarship, further to the withdrawal from their career in the previous Ph.D. programme and under condition that they start from the first year;
- if selected, those candidates who have already been awarded the doctoral degree are allowed to enrol in another Ph.D. programme without scholarship.

Concerning the first two points hereinabove, it shall not be considered as enrolled those candidates who terminated their career by one month before the enrolment in the Ph.D. program.

Art. 3

(Application procedure)

1. By June 29, 2017 at 12:00 (midday, Italian local time), 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.

Candidates will not receive any notice regarding the call. If the exams' dates already published are subject to change, timely communication will be given on the indicated web pages.

The deadline for application submission is peremptory; the failure to do so shall entail the loss of the right to taking part to the competition. The applicant is the sole responsible for the verification of the correct completion of the submission procedure; no complaint on malfunctioning of the online procedure will be accepted. For this reason, candidates are invited to complete the application in good time before the deadline (June 29, 2017 – 12.00 Italian time)

A) Candidates interested in applying for the Doctoral Research Program in **Urban and Regional Development** (*with administrative offices 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 29th June 2017 at 12:00 (midday, Italian local time).**

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).

B) Candidates interested in applying for the Doctoral Research Program in **“Bioengineering and Medical-Surgical Sciences” and “Pure and Applied Mathematics”** (*with administrative offices 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>



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. (Each bank payment for the MAV service fee is equal to Euro 1.50)

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 29 June 2017. 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 identification document (both sides) with picture and signature (identity card / passport)**
- b) **certificate or self-declaration¹ of:**
 - **Bachelor degree (I-level title), with grade, date and place of award;**
 - **Master degree (II-level title) or equivalent title, if already obtained, as required in art. 2, paragraph 2, point a), 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 titles** shall choose only one title for the purpose of the selection, selecting it in the section **"Second level degree (Master degree) to be used for the evaluation requirements"**. 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 listed at point b) 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-declaration¹ of English language knowledge, including score, date and place of obtainment (see art. 2, paragraph 2, point b), 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. The elaborate, **in English**, must have a maximum length of two folders (4,000 bits) and must refer to the research topics of the course of Ph.D.

¹ 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.



- f) **name and email address of two professors from Italian or foreign universities. For the PhD program in Urban and Regional Development** the selection Board can contact said professors to acquire information relevant to the candidate's evaluation. **For PhD students in "Pure and Applied Mathematics" and "Bioengineering and Medical and Surgical Sciences" (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 June 29, 2017. 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 program **with a II level academic title obtained abroad**. GRE certificates can be sent directly by the examination centre to Politecnico di Torino, being an accredited ETS centre (select the code 6994). Politecnico is not responsible for any communication delays by ETS.
- 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...).

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 evaluated the average grade of exams passed during their university career, instead than the grade of their Master degree.

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 programs 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 program with scholarship, or if to keep the research grant and carry out the PhD program 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.

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 abovementioned requirements shall not be admitted to the evaluation procedure described in art. 6. Those candidates who will obtain their II level academic title within 31 October 2017 will be admitted under condition.



**ART. 6
(Assessment procedure)**

1. The applicants shall be assessed by **one Selection 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.

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 selection 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, as described in art. 3, and the interview.

1. The Selection 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 title obtained in Italy	Candidates with II level academic title obtained abroad
Titles (art. 3, paragraph 2, letter b, c, d, g, h): where publications contribute comprehensively for not more than 10 points and M.Sc. degree's mark or average mark of the exams taken up to a maximum of 8 points) maximum 40 points	Titles (art. 3, paragraph 2, letter b, c, d, g, h): where publications contribute comprehensively for not more than 10 points and for GRE3 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. 6, 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 bound scholarships, chosen by the candidate. Publications and titles will be considered during the interview.

The interview can be conducted also remotely, according to Board's provisions, to allow applicants living abroad to take part in the call for admission.

Candidates applying in the PhD Program in "Bioengineering and Medical-Surgical sciences" and in "Pure



and Applied Mathematics” will have to send a formal request to the Board in order to have the interview remotely. This request should be sent **not later than 12 July 2017, 12:00 (Italian time)**.

In the Doctoral School website <http://dottorato.polito.it/en/interviews> and on the web sites https://en.unito.it/research/phd/phd-programmes_applications e <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 identification 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 Commission 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.

ART. 7 (Ranking list)

1. At the end of the procedure of comparative assessment, the 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 and according to the available positions.
4. Subsequently, the Selection Board shall allocate the Ph.D. scholarships to the selected candidates, in compliance with their position in the ranking list, their cultural-scientific interests and their eligibility to receive any of the chosen bound scholarship.
5. Eligible candidates who have not yet obtained the 2° level (M.Sc.) title (see art. 2 paragraph 2 letter a) and/or those who have not yet submitted the English certificate (see art. 2 paragraph 2 letter b) **shall be admitted conditionally**. The failure to submit the required documents by the established deadlines shall entail the loss of the right to enrolment.
6. The acts relating to the competition procedure and the ranking list for admission in the PhD programme, indicating the allocation of any available scholarship, shall be approved by the Rectors.
7. The ranking lists, in which the candidates' name and surname, final score, position and any allocated scholarship are announced, will be published online at the address all'indirizzo http://dottorato.polito.it/en/results_rankings_interateneo and on <https://en.unito.it/research/phd/phd-programmes> e <https://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca>, and . 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 is available at art. 9.



ART. 8 (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
- 2) The gross annual amount of the scholarship is Euro 17.500,00, 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 Politecnico di Torino and one third is covered by the recipient.
- 3) The amount of the scholarship shall be increased of 50%, during mobility periods spent abroad, not exceeding 18 months of mobility throughout three years.
- 4) The PhD candidates who receive a scholarship within the PhD programme in “Urban and Regional Development” is exempt from the payment of tuition fees, except for the fixed amount described in art. 11. The PhD candidates who receive a scholarship within the PhD programme in “Bioengineering and Medical-Surgical sciences” and in “Pure and Applied Mathematics” shall consult the Regulation for Taxes and Contributions of the University of Turin at the page: <https://en.unito.it/studying-unito/tuition-fees>
5. Scholarships are awarded by the Examining Board according to the final merit-ranking lists, within the positions as set in the Call for Proposals.
6. Those who have already received a scholarship for a PhD programme in Italy, shall not receive it again, even if admitted in a PhD programme.

ART. 9 (Modalities of enrolment in the PhD programme)

1. Successful candidates have to proceed with their enrolments into the PhD program according to the following instructions:

A) Phd Program in **URBAN AND REGIONAL DEVELOPMENT** (*administrative offices in Polytechnic of Turin*)

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 (see art 13); the failure to do so by the following deadline shall entail the loss of the right to enrolment:

- **by the 31th August 2017** for those admitted with scholarship
- **by the 5th September 2017** for those admitted 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 two 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 2017, attaching the documents in support of their application for the reserved position.

4. 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.**

5. All those who were allocated a position and secured their positions shall enrol online via the procedure Apply@polito **from 3rd October 2017 to 17th October 2017**. The deadline is not mandatory for those who will graduate between 18th and 31st October 2017.

6. At the end of the online enrolment procedure, it is displayed the date and time when the candidate shall come at Doctoral School to proceed with the identification and document verification procedures. The following documents shall be provided to Doctoral School:

- a) Photocopy of a valid identification document, duly signed;
- b) Photocopy of the Italian Social Security Number (Codice Fiscale);
- c) Original hard-copy of the English language knowledge certificate, obtained by 17th October 2017, as provided for in art. 2, paragraph 2, letter b);

in addition:

For those candidates who obtained the II level (M.Sc.) title abroad:

- Original hard-copies of M.Sc. Degree certificate and transcript of records with marks, written in one of the languages listed in art. 2, paragraph 3;
- Original hard copy of GRE® General Test, submitted during the application

For those candidates who were awarded a II level (M.Sc.) title by an Italian institution after the closure of the competition and applied for admission under condition of obtainment of the required title (see art. 2, paragraph 2, letter a):

- Certificate or self-declaration (written using the draft in attachment 3) of M.Sc. Degree completion, with grade², date and place of obtainment.

The last date available to come at Doctoral School for proceeding with the identification and document verification procedures is **10th November 2017**.

7. The Administrative office reserves the right to verify the authenticity of the documents and selfdeclarations submitted and to proceed with the exclusion of the candidate, if they revealed to be false, notwithstanding the arising criminal liabilities.

B) Phd Program in “BIOENGINEERING AND MEDICAL-SURGICAL SCIENCES” and “PURE AND APPLIED MATHEMATICS” (administrative offices in University of Turin)

1) Successful candidates must confirm their enrolment through the same on-line procedure used for registration **within the 3rd September 2017**. Missing the deadline will result in exclusion from the PhD programme.

² Il titolo è considerato valido solo se conseguito con la votazione minima di 95/110 (art. 4, comma 1, lettera a), pena l'irrevocabile perdita del diritto di iscrizione.



After the online enrolment confirmation, **from the 4th September 2017 to 13 September 2017**, candidates must provide to the PhD Office (Sezione Dottorati di Ricerca – Direzione Ricerca e Terza Missione dell'Università di Torino – Via Bogino 9, 10123 Torino – opening hours available at: <https://en.unito.it/research/phd/phd-programmes>) the following documents:

- 1) a passport photograph, signed by the candidate on the back;
 - 2) a photocopy of their identity document;
 - 3) a photocopy of their Italian Tax Code (Codice Fiscale);
 - 5) FORM A “Enrolment form” (can be downloaded by the web site);
 - 6) FORM A1 (only for candidates with scholarship)
 - 6) FORM B with bank account details (can be downloaded by the web site)
 - 7) FORM C “Declaration of Declaration about job activities”(to be downloaded by the web site)
- 8) Receipt of payment of the enrolment fee (including contributions and stamp) for the access and attendance of first year courses. For payment, candidates shall use the form available by the on-line registration procedure.

Foreign students are exempt from the enrolment tax.

Missing the deadline will result in exclusion from the PhD programme

2. Successful candidates holding international qualifications must confirm their enrolment through the same on-line procedure used for registration **within the 3rd September 2017**. Missing the deadline will result in exclusion from the PhD programme. At the same time and within the same deadline, candidates must send to the to the PhD Office (dottorati@unito.it) the following documents:

- 1) a passport photograph, signed by the candidate on the back;
- 2) a photocopy of their identity document;
- 3) a photocopy of their Italian Tax Code (Codice Fiscale);
- 5) FORM A “Enrolment form” (can be downloaded by the web site);
- 6) FORM A1 (only for candidates with scholarship)
- 6) FORM B with bank account details (can be downloaded by the web site)
- 7) FORM C “Declaration of Declaration about job activities”(to be downloaded by the web site)

All FORMS are available online at the following pages <https://en.unito.it/research/phd/prospective-phd-students/enrolment-successful-candidates>

8) Receipt of payment of the enrolment fee (including contributions and stamp) for the access and attendance of first year courses. For payment, candidates shall use the form available by the on-line registration procedure

9) Declaration of recognition of eligibility for successful candidates who have not applied for the process of recognition by the Examination Board when entering the competition

10) original or certified copies of first and second cycle Degrees (Bachelor's and Master's Degree);

11) original or certified copies of Bachelor's and Master's transcripts;

12) original or certified copies of the “Dichiarazione di valore in loco” or Diploma Supplement



If any of the documents are missed, PhD enrolment will be considered as “under condition”. The original Diploma Supplement or the original Declaration of Value has to be provided to the PhD office no later than the PhD start date (1/10/2017). Missing the deadline will result in exclusion from the PhD programme.

Foreign students are exempt from the enrolment tax.

From the 4th September on, the University PhD Office will contact all successful candidates holding an international qualifications and having secured their position through the online enrolment and the provision of the above mentioned documents, in order to finalize the enrolment.

3. Candidates holding the requirements to cover positions reserved to those who passed a competitive selection within the framework of international mobility Programmes to which the University of Torino participates or positions announced within the framework of specific agreements that the University of Torino signed in order to improve the international cooperation (provided that such positions are offered by PhD Programmes), may enrol into the PhD Programme, upon admission by the PhD Teaching Board, by contacting the PhD Office – (dottorati@unito.it).

4. Should successful candidates withdraw, their positions shall be assigned to qualified candidates according to the order of the final merit-ranking list and according to the University Regulation on the functioning of Doctoral Schools and on PhD programmes

Candidates who applied under condition in the PhD programme of “BIOENGINEERING AND MEDICAL-SURGICAL SCIENCES” and “PURE AND APPLIED MATHEMATICS” must communicate the date of the award of their qualification within 31 October 2016 by sending Annex 3 of this document to the PhD Office by email (dottorati@unito.it) not later than 31st October. 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. The Academic Board may authorize Ph.D. students to carry out working activities, if compatible with the training and research activities required by their coursework.

2. 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^o level and 2^o level Master and/or Graduate Schools, excluding Medical Graduate School.

3. Public employees admitted in a PhD programme shall comply with the current regulation concerning extraordinary leave (Law 476/84, as amended by art. 19, paragraph 3, Law 240/2010).

4. For all matters concerning the degree of the PhD course and the achievement of the title, the Doctoral Regulations of the administrative seat 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. Pursuant to art. 13 of Legislative Decree 196/2003, candidates are hereby informed that their personal data will be collected and processed by the Polytechnic of Turin and University of Torino to be used in the selection procedure and enrolment of successful PhD students. The communication of this data by the candidates is mandatory for assessing the participation requirements, being worth the exclusion from the competition.

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 to carry out the relevant activities without transmitting to candidates further communication.

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;
- Internal 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/it/legislazione> and on the website of the University of Turin at <http://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.

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



**POLITECNICO
DI TORINO**



**UNIVERSITÀ
DEGLI STUDI
DI TORINO**

Mission Division of the University of Torino for the PhD Programmes in Bioengineering and Medical-Surgical sciences and Pure and Applied Mathematics.

Torino, 9th June 2017

IL RETTORE

DEL POLITECNICO DI TORINO

(Prof. Marco Gilli)

IL RETTORE

DELL'UNIVERSITÀ DEGLI STUDI DI TORINO

(Prof. Gianmaria Ajani)



ANNEX 1

PhD PROGRAM IN BIOENGINEERING AND MEDICAL-SURGICAL SCIENCES

Administrative seat: Università degli Studi di Torino

Coordinator: Prof. Gianluca Ciardelli (*Dipartimento di Ingegneria Meccanica e Aerospaziale del Politecnico di Torino*)

Program duration: 3 years

Course beginning date: 1st October 2017

ORDINARY POSITIONS	N. 22
<u>Positions covered with scholarship</u>	
Scholarships funded by Politecnico di Torino	n. 4
Scholarships funded by Compagnia di San Paolo in the framework with Politecnico di Torino	n. 2
Scholarship funded by Politecnico di Torino in the framework of Joint Project – project “In Vitro Experimental Models for Biomaterials-Mediated Drug Delivery to the Central Nervous System”	n. 1
Scholarship funded by Politecnico di Torino in the framework of Joint Project – project “Functionalization of implantable biomaterials with biomolecules of plant origin: form surface engineering to biological response”	n. 1
Scholarships funded by Politecnico di Torino for Interdepartmental Centre PolitoBio MedLab	n. 5
Scholarship funded by Università degli Studi di Torino	n. 1
Scholarships funded by Compagnia di San Paolo in the framework with Università degli Studi di Torino	n. 2
Scholarship funded by Compagnia di San Paolo in the framework with Università degli Studi di Torino (cofunded by Dipartimento di Scienze chirurgiche)	n. 1
<u>Positions without scholarship</u>	n. 5



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 title 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 e https://en.unito.it/research/phd/phd-programmes
Fees for admission and courses attendance	<p>Starting from September 4, 2017, successful candidates must submit to Sezione Dottorati di Ricerca - Direzione Ricerca e Terza Missione dell'Università degli Studi di Torino - the receipt of payment of the student contribution, for access and the frequency of the PhD courses, as set out in the Regulation for University Taxes and Contributions (http://www.unito.it/didattica/tasse). For payment, use the form provided by the on-line registration procedure.</p> <p>Foreign students are exempt from the enrolment tax.</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>

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, in case any additional scholarship and Apprenticeship Phd 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: *Università degli Studi di Torino*

Coordinator: *Prof. Riccardo Adami (Dipartimento di Scienze Matematiche "G. L. Lagrange" del Politecnico di Torino)*

Program duration: 3 years

Course beginning date: 1st October 2017

ORDINARY POSITIONS

N. 16

Positions covered with scholarship

Scholarships funded by Politecnico di Torino

n. 4

Scholarships funded by Compagnia di San Paolo in the framework with Politecnico di Torino

n. 2

Scholarship funded by Politecnico di Torino in the framework of Joint Project – project “Resilient Control, Information Flows, and Incentive Mechanism for Intelligent Transportation Systems”

n. 1

Scholarships funded by Politecnico di Torino for Interdepartmental Centre Smartdata@polito

n. 2

Scholarship funded by Università degli Studi di Torino

n. 1

Scholarships funded by Compagnia di San Paolo in the framework with Università degli Studi di Torino

n. 2

Positions without scholarship

n. 4

RESERVED POSITIONS

N. 2

Scholarship funded by Università degli Studi di Torino reserved to students graduated abroad

n. 1

Positions reserved to students selected under specific international agreements in which Politecnico di Torino is involved

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 title 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 e https://en.unito.it/research/phd/phd-programmes
Fees for admission and courses attendance	<p>Starting from September 4, 2017, successful candidates must submit to Sezione Dottorati di Ricerca - Direzione Ricerca e Terza Missione dell'Università degli Studi di Torino - the receipt of payment of the student contribution, for access and the frequency of the PhD courses, as set out in the Regulation for University Taxes and Contributions (http://www.unito.it/didattica/tasse). For payment, use the form provided by the on-line registration procedure.</p> <p>Foreign students are exempt from the enrolment tax.</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>

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, in case any additional scholarship and Apprenticeship Phd 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 (Politecnico di Torino)*

Program duration: 3 years

Course beginning date: 1st November 2017

ORDINARY POSITIONS

N. 19

Positions covered with scholarship

Scholarships funded by Politecnico di Torino n. 4

Scholarships funded by Compagnia di San Paolo in the framework with Politecnico di Torino n. 2

Scholarship funded by Politecnico di Torino in the framework of Joint Project – project “Enhancing users perspective in the development and management of Smart Cities & Communities” n. 1

Scholarship funded by Politecnico di Torino in the framework of Joint Project – project “City and Production” n.1

Scholarships funded by Politecnico di Torino for Interdepartmental Centre Future Urban Legacy Lab (FULL) n. 2

Scholarship funded by Politecnico di Torino for Interdepartmental Centre PoliTO Interdepartmental Centre for Service Robotics (PIC4SER) n. 1

Scholarship funded by Juventus F.C. n. 1

Scholarship funded by Università degli Studi di Torino n. 2

Scholarships funded by Compagnia di San Paolo in the framework with Università degli Studi di n. 1



Torino	
<u>Positions without scholarship</u>	n. 4
RESERVED POSITIONS	N. 13
Positions reserved to students selected under specific international agreements in which Politecnico di Torino is involved	n. 4
Positions reserved to research fellows	n. 9
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 e 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.

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, in case any additional scholarship and Apprenticeship Phd 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_interanteneo and http://dottorato.polito.it/en/scholarships_interanteneo.



ANNEX 2

Certificates accepted or exemptions in substitution for IELTS

Examination Board	Certificate	Minimum requirements	In substitution for
IELTS https://www.ielts.org/	IELTS General Training	5.0	IELTS 5 ACADEMIC
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: almeno un B2 tra le due prove	
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 Superamento delle prove di Reading, Writing, Listening e Speaking con voto complessivo ("total") "Distinction"	
Trinity	Trinity ISE I	Voto "Distinction" in tutte le prove Reading, Writing, Listening, Speaking	



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

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)

AND I HEREBY DECLARE

(select the option relevant to you)

A) to renounce to the award of any scholarship and to apply only for positions without scholarship.

☐

B) to apply for the following bound scholarships

☐

- 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