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CALL FOR ADMISSION TO PHD PROGRAMMES XXXVII Cycle, A.Y. 2021/2022

NOTICE OF ADDITIONAL POSTS

**FINANCED BY THE ITALIAN PON "RESEARCH AND INNOVATION" 2014-2020
ON "ACTION IV.4 – PHD PROGRAMMES ON INNOVATION TOPICS" AND ON
"ACTION IV.5 - PHD PROGRAMMES ON GREEN TOPICS"**

Pursuant to the Italian Ministerial Decree n. 1061 dated 10th August 2021

PREAMBLE

HAVING REGARD TO the financial resources available on the Italian National Operative Plan on "Research and Innovation" 2014-2020, relying on the resources of the EU ESF-REACT EU programme, Actions IV.4 - Doctorates and research contracts on Innovation topics and IV.5 - Doctorates on Green topics"

HAVING REGARD TO the fact that promoting PhD Programmes and research projects on Innovation and on Green Topics are actions consistent with the overall objectives defined in the National Strategy of Intelligent Specialization - SNSI and in the National Research Plan 2021-2027 - PNR, aiming to promote an open approach to innovation and greater interchange between the world of research and the world of production

HAVING REGARD TO the Italian Ministerial Decree n. 45, dated 8th February 2013, on Doctoral Research Programmes (PhDs)

HAVING REGARD TO the Italian Ministerial Decree n. 1061, dated 10th August 2021

Art. 1 – GENERAL PROVISIONS

1. Hereinafter the University of Brescia opens the candidacy to no. forty (40) additional posts benefitting of scholarships within Call for Admission to the PhD Programmes at the University of Brescia, A.Y. 2021/2022 (3-year-course), co-financed by the Italian PON "Research and Innovation" 2014-2020 (hereinafter "PON R&I), Action IV.4" Doctorates and research contracts on Innovation topics "and Action IV.5 "Doctorates on Green topics" pursuant to the Ministerial Decree no. 1061, dated 10th August 2021.

PhD Programme in	Posts benefitting of scholarships on INNOVATION research Topics	Posts benefitting of scholarships on GREEN research Topics
Business & Law - Institutions and Businesses: value, rules and social responsibility	-	4
Analytics for Economics and Management - AEM	-	3
Civil and Environmental Engineering, International Cooperation and Mathematics	-	7
Information Engineering	-	5



UNIONE EUROPEA
Fondo Sociale Europeo



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

Mechanical and Industrial Engineering	-	12
Technology for Health	-	4
Artificial Intelligence in Medicine and Innovation in Clinical Research and Methodology	2	1
Precision Medicine	1	-
Biomedical Sciences and Translational Medicine	-	1

2. This Call is published pending the eligibility checks of the Italian Ministry of Research, pursuant to Art. 3, paragraph 5 of the Italian Ministerial Decree no. 1061/2021, on the basis of the requirements identified in the document “Criteria for selection of operations based on EFS-REACT EU resources”, approved by the Supervisory Committee of the Italian PON R&I, and available at www.ponricerca.gov.it. The assignment of the scholarships is therefore subject to a suspensive clause with reference to the results of these checks. The beginning date of the PhD activities and research will be defined following the approval of the funding of the selected scholarships.

By 31st December 2022, in compliance with the provisions of Art. 5, paragraph 1 of the Italian Ministerial Decree no. 1061/2021, ANVUR (the National Evaluation Agency of the University and Research System) will carry out checks on compliance of the procedures implemented to define the Innovation and Green bound thematic areas, as envisaged by Art. 2, paragraph 1 of the same Decree and listed below:

A) Additional PhD Scholarships on INNOVATION research Topics (Action IV.4)	B) Additional PhD Scholarships on GREEN research Topics (Action IV.5)
a.a) Relevance of the PhD research project to the ability to create a high added value, in terms of scientific, social and economic impacts on the national territory, encouraging appropriate research models and training of professional profiles in response to the expressed innovation and competitiveness needs from the entrepreneurial system, by promoting research on areas such innovation, digital tools and enabling technology; supporting the enhancement of human capital, as a determining factor for the development of research and innovation in Italy.	b.a) Relevance of the PhD research project to the ability to create a high added value, by enhancing human capital, in terms of scientific, social and economic repercussions on the national territory, facilitating appropriate models of research and contamination of knowledge and skills able to foster the development of innovative products and services having a reduced impact on the environment, focused on issues oriented to preserve the ecosystem, biodiversity, as well as to reduce the impacts of climate change and promote sustainable development, as a contribution to encouraging green recovery and overcome the effects of the crisis in the context of the COVID-19 pandemic.
a.b) Conformity of the PhD research project with the SNSI and the PNR. Consistency of PhD Programmes to the Italian Law 240/2010 and to the Ministerial Decree 45/2013, with the aim to encourage innovation and interchange between the world of research and productive world. Evaluation of the contribution of research projects in the innovation sectors (Italian Law no. 240/2010, Art. 24, paragraph 3 and subsequent amendments).	b.b) Conformity of the PhD research project with the SNSI and the PNR. Consistency of PhD Programmes to the Italian Law 240/2010 and to the Ministerial Decree 45/2013 by funding PhD projects on Green Topics.
a.c) Measurability of the expected results and of the potential impact of the intervention with reference to the REACT EU objectives: presence within the PhD research project of quantifiable and measurable targets consistent with the indicators provided for within the PON referent Action.	b.c) Measurability of the expected results and of the potential impact of the intervention with reference to the REACT EU objectives: presence within the PhD research project of quantifiable and measurable targets consistent with the indicators provided for within the PON referent Action.



UNIONE EUROPEA
Fondo Sociale Europeo



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DEGLI STUDI
DI BRESCIA

3. The PhD research and activity of these additional posts, co-financed by PON R&I resources, must be completed within 36 months from the start date of the doctoral scholarship. The intermitting periods envisaged by law are not taken into account.

If the emergency health conditions related to the spread of the Covid-19 virus should persist or in the case of specific actions to contrast and contain the spread of the virus, as to be defined by the University in compliance with regional and national health provisions, PhD Courses could be implemented and carried out remotely, in presence or through blended type of activities, while preserving the general training objectives.

4. This Call, and any amendments, updates and additions to it and its Annexes, is published on the [University's Online Official Notice Board](#), this publication **serves as notification in all respects**, including for examination purposes, where envisaged. Moreover, the Notice about the Call for Admission to PhD Programmes and the additional information or acts concerning this Call are also published on the University web page in the section "[Call for Additional Posts](#)".

5. Filing an application for admission through the online procedure entails the applicant's acceptance of the rules contained in this Call, in the current [PhD Rules and Regulations](#) of the University of Brescia (issued on 27 June 2013 by Chancellor's Decree no. 336 and its subsequent amendments), as well as in the Regulation for the implementation of the PON R&I and its Annex 1, being the latter an integral part of this Call.

6. Whenever detected, failure to comply with the provisions contained in this Call will result in automatic exclusion from the competition.

7. Except as envisaged in paragraph 4 of this Article, the personal email address provided by applicants, as part of the registration and enrolment procedure, will be considered as the official contact address until the end of the procedure. Any personal communications to applicants will therefore be sent only by email to such address. **The University of Brescia cannot be responsible for mis-communication due to applicants providing inaccurate personal addresses or failing or being late in notifying amendments thereto, or for postal or telematic errors.**

Art. 2 - ADMISSION REQUIREMENTS

1. Pursuant to art. 6 of UNIBS PhD Rules and Regulations and without citizenship limitation, candidates can apply to this competitive Call for Admission if they hold:

An eligible advanced (2nd Level) University Degree (a Master's Degree, being it the Italian Laurea magistrale; an Italian Laurea Specialistica, a University Degree - Italian Laurea - achieved pursuant to the Italian system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004) or a similar eligible University Degree achieved in non-Italian universities comparable to the Italian University qualification system in terms of length and content (e.g. a Master Degree such as MA / MSc. / LLM), recognised by the PhD Board of Examiners as valid for admission, as specified in the subsequent art. 3 of this Call.

2. Applicants who will achieve the Italian or foreign eligible University Degree **after submitting their candidacy, and in any case no later than 31 October 2021**, will be **conditionally admitted**, when applying for admission to the selection by the deadline set in this Call. Conditionally admitted applicants



UNIONE EUROPEA
Fondo Sociale Europeo



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

must email to the PhD Office at dottorati@unibs.it or by certified email (PEC) at ammcentr@cert.unibs.it, **within 3 days from graduation**, the following documents:

- **for those applicants having an eligible University Degree achieved in Italy:** self-declaration of the academic qualification achieved, specifying the name of the University issuing the degree, the date of graduation, the type of diploma (Italian University Education system prior to Ministerial Decree 509/1999, advanced/master's, etc.), the final score. Applicants must upload a copy of a valid identification document.
- **for those applicants having an eligible University Degree achieved from non-Italian universities:** a certificate of academic qualification achieved, specifying the name of the University issuing the degree, the date of graduation, the type of diploma, the final score. Applicants must upload a copy of a valid identification document; self-declaration is not allowed for this category.

3. Applicants who do not notify the achievement of the University Degree within the deadlines set forth in this Article, or who convey incomplete and/or incorrect documentation, or who use different means or addresses set forth in this paragraph will be excluded from this selection process.

4. **Annex A to the Call for Additional Posts PhD Programmes** sets for each PhD Programme the research themes for which it is possible to submit an application, as well as the specific Eligible University Degrees to be admitted and the Evaluation Criteria applied.

5. All applicants are admitted to the selection subject to verification of self-certified declarations pursuant to the Italian Presidential Decree 445/2000 and subsequent amendments and additions. The University of Brescia may carry out checks on the truthfulness of the declarations produced at any time during the procedure, even after the start of the PhD Courses. In case of false declarations, the University may exclude applicants from the selection procedure or from the PhD Course with a motivated provision at any time, without prejudice to the consequent criminal liability.

Art. 3 – ACADEMIC QUALIFICATION ACHIEVED in NON-ITALIAN UNIVERSITIES

1. The eligibility of the University Degree achieved in non-Italian universities is established by the respective PhD Boards of Examiners for this competition and for the sole purpose of admission to the PhD Programme, in compliance with the regulations in force in Italy and international treaties or agreements on the matter of recognition of academic qualifications for the pursuance of studies.

2. Filling-in the online application form of the Call for Admission entails the simultaneous explicit request of recognition of the University Degree achieved from non-Italian universities, necessary to be admitted to the PhD Program. **To this end, applicants must upload the following documents to the online application:**

- a) A certificate pertaining to the university academic qualification (degree) achieved in non-Italian universities, including the list of the exams taken and the marks granted.
- b) **any other document considered useful** (including the University Diploma Supplement) to assess the eligibility of the University Degree.

If not written in Italian or English, the above documents must be accompanied by a translation into English. If the University Degree has already been recognised with the corresponding Italian university qualification for academic purposes, applicants must provide the Italian University that has provided for such recognition and the details of the relevant provision.

3. The PhD Office will request applicants having an eligible University Degree achieved from non-Italian universities, if deemed eligible in the final ranking list of merit for a post benefitting a scholarship on a bound research project, to submit the Declaration of Value of their University Degree, issued by the Italian



UNIONE EUROPEA
Fondo Sociale Europeo



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

diplomatic authorities in the country where the Degree was achieved, within a deadline compatible with the starting date of the PhD activity and research, under penalty of losing the right of admission to the PhD Programmes, unless this document was already uploaded during the registration phase. The declaration of value should prove, among other, that the University Degree is recognised to enrol in a university course of the same level to a PhD in the country where it was achieved.

Documents must be emailed to the PhD Office at dottorati@unibs.it or at the University certified email (PEC) ammcentr@cert.unibs.it.

4. The PhD Office will communicate by e-mail, as pursuant in Art. 2, paragraph 2 of this Call, only to those applicants pending to achieve their eligible academic qualification (degree) in non-Italian universities no later than 31 October 2021 the deadline to submit the Declaration of Value of their University degree, unless the candidate has not already submitted a copy of the Diploma Supplement of the suitable university degree obtained at non-Italian universities.

5. Applicants deemed eligible for a post will be excluded if, upon verification of the Declaration of Value filed pursuant to paragraphs 3 and 4 of this Article, it turns out that their University Degree does not comply with the requirements of this Call, which therefore does not allow to enrol at a PhD Programme.

Art. 4 - DOCUMENTS REQUIRED TO APPLY – FOR CANDIDATES HAVING ACHIEVED A UNIVERSITY DEGREE IN ITALIAN OR NON-ITALIAN UNIVERSITIES

1. Under penalty of exclusion from the competitive exam applicants having achieved an eligible University Degree in Italian or in non-Italian universities, or who are pending to achieve their eligible University Degree in Italian or in non-Italian universities by October 31, 2021, pursuant to article 2 of this Call, are required to upload to the online registration procedure, in the section “*Management of Academic Qualifications and documents useful for evaluation*” the documents herein listed:

- For candidates who have obtained their eligible University Degree both from Italian universities and from non-Italian universities:

- a) **Copy of the identification document** (identity card or passport with clearly visible document number, issuing authority, place and date of issue, photograph, personal data and expiry date) exclusively in .pdf format .
- b) ***curriculum vitae et studiorum***, in Italian or English language or translated into Italian or English language, exclusively in .pdf format.
- c) **The document called "Signed Application Form"** obtained by filling in and duly signing (handwritten or electronic signature) the form that can be downloaded from the University web page "[Call for Additional Posts](#)", to be uploaded exclusively in .pdf format.
- d) **One or more research projects**, in Italian or English language using exclusively the form provided on UNIBS website at "[Call for Additional Posts](#)" (one project for each specific topic for which the candidate intends to compete) and consistent to the INNOVATION or GREEN Topics, having a maximum length of 20,000 characters (including spaces), and should be organized as follows:
 1. Candidate's Name;
 2. Research topic among those to which the project refers;
 3. Brief literature review;
 4. Motivation and objectives of the project;
 5. Contents, methodology and expected results;



UNIONE EUROPEA
Fondo Sociale Europeo



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

6. Bibliographical References.
to be uploaded exclusively in .pdf format

e) **Any other mandatory documents and qualifications being herein specified** as to be **mandatory in Annex A to the Call for Additional Posts PhD Programmes, section “Evaluation Criteria”** for the specific PhD Programme that applicants intend to apply for, and to be uploaded exclusively in .pdf format.

f) The form called **“Signed Application for Priority Option of the Project submitted”** obtained by filling in and duly signing (handwritten or electronic signature) the form that can be downloaded from the University web page "[Call for Additional Posts](#)", to be uploaded exclusively in .pdf format.

- **For candidates who have obtained their eligible University Degree from Italian universities:**

- A self-declaration of the eligible University Degree achieved, specifying the name of the University that issued it, the date of achievement, the type of degree (a Master's Degree, being it the Italian Laurea magistrale; an Italian Laurea Specialistica, a University Degree - Italian Laurea - achieved pursuant to the Italian system prior to Ministerial Decree 509/1999, amended with Ministerial Decree 270/2004), the marks granted for each exam, to be uploaded exclusively in .pdf format .

- **For candidates who have obtained their eligible University Degree from non-Italian universities:**

- A copy of the certificate eligible University Degree, as set in art. 3, paragraph 2 of this Call, either written already in Italian or English languages or translated into English. Self-declarations are not allowed for this category, pursuant to the legislation in force in Italy.

- **For candidates pending to achieve their eligible academic qualification by October 31, 2021 from Italian universities:**

- A self-declaration / proof of registration to sit the degree exam, exclusively in .pdf format and duly signed, comprehensive of the list of the exams taken and the necessary grades/marks achieved.

- **For candidates pending to achieve their eligible academic qualification by October 31, 2021 from non-Italian universities:**

- A copy of the certificate of the registration for the final University Degree (or to defend the final exam and the thesis), comprehensive of the transcript of the exams taken, the marks being granted, either written already in Italian or English languages or translated into English. **Self-declarations are not allowed for this category, pursuant to the legislation in force in Italy.**

2. Only qualifications held by applicants on the expiry date of this Call shall be evaluated, except as what is provided for in Art. 2, paragraph 2.

Art. 5 – APPLICATION FOR ADMISSION AND REGISTRATION FEE

1. Admission applications, pursuant to Articles 4 of this Call may be submitted exclusively online **from the day of publication of this Call on the [University's Online Official Notice Board](#)** and without exception by 2.00 pm (Italian time) on 3rd November 2021.

The Operative information about the application procedure is available in document called **“Annex B – online Admission Application – Operative Instructions to Register”**, available from the University web page "[Call for Additional Posts](#)".



UNIONE EUROPEA
Fondo Sociale Europeo



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

2. Applicants wishing to participate in the competition for more than one PhD Programme must submit an online application for each course, uploading for each PhD Programme the complete documentation required by article 4.
3. UNIBS envisages a registration fee amounting to **€ 50,00** for each PhD application presented. The payment must be made within the deadline set for the submission of applications through the Italian system of PagoPA (the fee can be paid through credit card, PayPal, international bank transfer, etc.).
4. The sole compilation of the online application does not complete the registration procedure to be admitted to UNIBS PhD Programmes. It is mandatory to make the payment of € 50.00 for each application submitted **by 2:00 pm (Italian Time) on November 3rd, 2021.**
5. **Those candidates resulted eligible but who have not been assigned a post (with or without a scholarship) in the final ranking lists of merit within the Call for Admissions to the PhD Programmes for the ordinary competition to the XXXVII cycle, A.Y. 2021/2022, as published by 30 September 2021 on the University website section "[Call for Admission to PhD Programmes](#)", are exempt to pay the registration fee again.**
6. Being an integral part of the application form, no publications or other document submitted in the original paper and/or relevant IT supports will be returned, including upon request.
7. Applications that are incomplete, irregular or that are not conveyed according to the methods and procedures of paragraph 1 of this Article will not be considered valid.
- b) The university administration assumes no responsibility in case the documentation submitted in electronic format is not accessible due to damaged files or folders.
- c) The university administration assumes no responsibility for any online admission system malfunctions due to technical issues and/or overload of the communication line and/or application systems and/or possible postal errors.

Art. 6 - ADMISSION EXAMS

1. Admission exams include firstly the evaluation of qualifications, the evaluation of the research project and subsequently the oral exam.
2. The dates of the competitive exams will be published online on the on the [University's Online Official Notice Board](#) , as well as on the University web page in the section "[Call for Additional Posts](#)" **at least 5 days** in advance. Any exam schedule amendments or integrations will be published at the same web address, as well as on the University web page in the section "[Call for Additional Posts](#)". **These publications serve as notifications in all respects; therefore, applicants should show up without further notice at the University on the day and time planned, bringing along a valid identification document. Applicants who do not show up, for whatever cause, will be considered to have forfeited the competition.**
3. The oral exams may be undertaken in English language, as well as in Italian language.
4. Applicants both residing in Italy or abroad may undertake the oral exam remotely, via web/teleconference on the date / time set (e.g. via Skype, Google Meet, etc ...), pursuant to provisions of the University of Brescia concerning the prevention of the spread of the Covid 19 virus and in view to



UNIONE EUROPEA
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UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

encourage the resumption of higher education activities in presence, as being in force on the date of publication of this Call, and having regard to the subsequent additions and amendments that can be published by the date of completion of the selection process. These latter provisions apply having regard to minimizing long-distance commuter travel and allowing the participation of candidates residing abroad, also guaranteeing the latter the opportunity to take the oral exam via teleconference.

5. The PhD Board of Examiners will verify that the conditions necessary to guarantee the regularity of the test are met (ascertaining the applicant's identity and web connection correctness for exam purposes). The University assumes no responsibility in the event of technical issues that do not guarantee the correct conduct of the oral examination.

Art. 7 – PHD BOARD OF EXAMINERS FOR COURSE ADMISSION

1. The PhD Board of Examiners for the additional posts referred to in this Call are appointed by the Rector of the University of Brescia, after the expiry of the Notice.

2. The PhD Board of Examiners assign the scores both at the end of the evaluation procedure of candidates qualifications, as well as upon completing the entire examination procedure (oral exams). They communicate the results to the Administrative Office to be published on the [University's Online Official Notice Board](#), as well as on the University web page in the section "[Call for Additional Posts](#)".

Art. 8 – CANDIDATES IN DISABILITY CONDITION OR HAVING A SPECIFIC LEARNING DISORDER

1. Art. 4 of the Ministerial Decree 624/ 2021 that regulates the access to bachelor's and single-cycle degree courses provides training in Italian as well as in English for architects for the academic year 2021- 2022, considered that, in the framework of equal treatment, the University of Brescia applies the principle also to PhD Calls for Admission, in absence of further specific ministerial references. In respect to art. 11 of the Italian Ministerial Decree 337/2018, and pursuant to art. 16 of Italian Law no. 104 of 05/02/1992 (Framework Law for assistance, social integration and the rights of disabled people) and of art. 5 of the Italian Law n. 170 of 8/10/2010 (Rules on specific learning disabilities in Education), candidates having a disability or being affected by Specific Learning Disorders, upon documented request that shall be specified in the online registration procedure envisaged in the Call for Admission, may avail himself/herself of particular supporting facilities that may be adopted in compliance with the Laws referred to and according to the principle of equal treatment of candidates during the admission tests.

2. During the online registration procedure it is necessary to upload the valid certified documentation by selecting the appropriate section "Declaration of Disability" available under the section "Secretariat" and it is mandatory to specify under "*help notes*" the facilities needed during the test. **It is mandatory to fill-in the section "*help notes*" although the support is not required.** In this latter case it is **necessary** to write the following "no help required" under the appropriate section.

3. The procedure referred to above must be completed within seven (7) days before the date of the exams, under penalty of the impossibility of applying the supporting facilities envisaged.

4. In case of participation of candidates being affected by Specific Learning Disorders, as established by Law n. 170 of 2010 (Art. 3) and the subsequent State-Regions Agreement of 25/7/2012, it is compulsory to produce suitable and updated certified diagnostic documents, inclusive of neurological examination and neuropsychological tests, issued no longer than 3 years by National Health Service structures or by institutions and specialists approved by the National Health Service system. The time reference for



UNIONE EUROPEA
Fondo Sociale Europeo



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

calculating the expiry of the diagnostic documents is the date of the test itself. However, the Italian Ministry of Research and University, issued the following note in order to guarantee equal treatment: Prot. 66876 of 30 April 2021, also for tenders of PhD competition: *"given the prolonged reduction of the activities of the NHS clinics and in order to avoid the candidate being unable to request the updated certification and, consequently, the additional time, dispensing tools and compensatory measures provided for by the relevant legislation, these universities are invited to admit the requests of candidates with disabilities or diagnoses of specific learning disorders (SLD) referred to in law no. 170/2010 although in possession of older certifications, subject to subsequently requesting, as soon as the activity of the NHS is fully restored, the integration of the documentation provided therein"*. The afore mentioned note is applicable by this University also to PhD Calls for Admissions.

5. For further information on eligible supporting facilities and about the required documentation contact the Office for Inclusion, Participation and University Residences of the University of Brescia, at the e-mail address capd@unibs.it

6. Candidates with disability or SLD resident in foreign countries, who intend to benefit of the measures referred to in the preceding paragraphs, must submit the legalized certification, where required by international standards in force, certifying the state of disability or SLD issued in the country of residence, accompanied by a sworn translation by an official translator or certified conforming to the original text by the Italian diplomatic missions, in Italian or in English. The university offices in charge of examining the certifications referred to in the preceding paragraphs ascertain that the foreign documentation certifies a condition of invalidity, disability or specific learning disability recognized by Italian law.

7. Following the evaluation of the competent academic offices, the confirmation of the eligibility of the request and detail about the supporting facilities granted will be communicated in due time directly to the candidate by the Office for Inclusion, Participation and University Residences, only by e-mail to the address e-mail provided during the online registration phase.

Art. 9 – RANKINGS

1. The PhD Board of Examiners prepare the final ranking **for each post benefitting a scholarship having a bound research theme** by adding the scores obtained by the sole eligible applicants in the evaluation of the qualifications, the research project proposal and in the oral examination.

The final ranking lists of merit for each research theme, grouped for each PhD Programme and defined according to the criteria set in **Annex A to the Call for Additional Posts PhD Programmes**, will be published online on the University website, section ["Call for Additional Posts"](#).

Jointly with the publication of the ranking lists, will be announced the deadlines about when to submit the enrolment application and procedures, as set in art. 13 of this Call.

2. If a candidate presents more than one research project proposal on the same theme, within the same PhD Programme, **and if this very same candidate results in a useful position to be assigned a scholarship in several rankings**, the final allocation of the scholarship will be made on the basis of the bound theme for which that very same candidate has submitted a priority option in the order indicated in the application form referred to in Art. 4, paragraph 1, letter f), thus automatically forfeiting the other rankings. In the event of scrolling the rankings it will therefore not be possible to enforce the other options, since the previous assignment of the scholarship makes the status of suitable assignee definitive.

3. Unassigned scholarships, even after scrolling in the final ranking list of merit, will be removed from the total number of places announced.



UNIONE EUROPEA
Fondo Sociale Europeo



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

4. The scrolling of the final ranking lists of merit will be published online on the University website, section "[Call for Additional Posts](#)" **7 days after** the date of publication of the final rankings. This new publication will report the deadline to enrol of the eligible applicants, as set in art. 13 of this Call. Any further replacements will be made with subsequent publications, **within 5 days** from the date of the previous one.

5. For conditionally admitted applicants pursuant to Art. 2, paragraph 3 of this Call, the evaluation of the academic qualification is replaced with the evaluation of the average score of the exams taken within their Undergraduate University career.

6. This publication serves as an official communication to the interested parties; therefore, no written communication will be sent to them.

7. Eligible applicants with the same ranking will be assigned posts benefiting of a scholarship based on the assessment of the economic situation of their household, as determined in accordance with current legislation on the Right to Education.

8. The PhD Programme is chosen at the time of enrolment; the choice **is final** and cannot be modified in any way.

9. The assignment of the scholarships is subject to a suspensive clause pending the admissibility checks of the Italian Ministry of Research, pursuant to Art. 3, paragraph 5 of the Italian Ministerial Decree no. 1061/2021, on the basis of the requirements identified in the document "Criteria for selection of operations based on EFS-REACT EU resources", approved by the Supervisory Committee of the Italian PON R&I. The beginning date of the PhD activities and research will be defined following the approval of the funding of the selected scholarships.

Art. 10 – FEES TO ACCESS AND ATTENDANCE

1. Below are the AY 2021/2022 fees charged to PhD students, both scholarship recipients and non-recipients:

Total € 156.00

Out of which € 16.00 for revenue stamp duty and
€ 140,00 for the Regional Right to Education Fee (Regione Lombardia)

Art. 11 PhD ACTIVITY AND RESEARCH

1. Pursuant to the Italian Ministerial Decree no. 1061/2021 and its Regulation for the implementation (Annex 1) the doctoral activity and research activated within the disciplinary areas and topics consistent with the PON R&I "Action IV.4 – PhD Programmes on Innovation topics" and "Action IV .5 - PhD Programmes on Green topics", financed with the resources assigned by the aforementioned Ministerial Decree, will have a total duration of 3 years and the following characteristics, notwithstanding the Italian Ministerial Decree 45/2013:

- envisage a period of study and research in a business company (compulsory) for a minimum period of six (6) months to a maximum period of twelve (12) months;
- envisage a period of study and research in international mobility outside Italy (optional) for a minimum period of six (6) months to a maximum period of twelve (12) months.

Moreover, pursuant to Art. 1 of the Regulation for the implementation (Annex 1) must:



UNIONE EUROPEA
Fondo Sociale Europeo



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

- ensure that the PhD student can make use of qualified and specific operational and scientific structures for study and research activities;
- promote the enhancement of research results and guarantee the protection of intellectual property;
- encourage the involvement of business companies in the definition of the PhD training and doctoral activity also in the context of wider collaborations with the University;
- ensure compliance with horizontal priorities (climate, digital transition, biodiversity, equality between women and men).

Art. 12 - SCHOLARSHIPS

1. Pursuant to Art. 3 paragraph 5 of the Regulation for the implementation of the Italian Ministerial Decree n. 1061/2021 (Annex 1) PhD Scholarships have a monthly gross amount of **€ 1.570,38** (comprehensive of the Italian social security taxes to be paid to PhD students – INPS). PhD Scholarships paid for each month spent outside Italy have a monthly gross amount of **€ 2.355,58** (comprehensive of the Italian social security taxes to be paid to PhD students – INPS). From the second year, each PhD student will be granted an additional budget for research activity in Italy and abroad of no less than 10% of the scholarship's gross annual amount.
2. PhD scholarships cannot be combined with other scholarships awarded for any reason, except for those granted by domestic or foreign institutions to carry out research periods outside Italy.
3. **Pursuant to Art. 34 paragraph 2 of UNIBS Students' Rules and Regulations previous PhD scholarship recipients, including partial ones, are not eligible for scholarships.**
4. PhD scholarships, where applicable, are good for one year and are renewed on condition that the programme scheduled for the previous year has been completed, as verified by the PhD Board of Professors, with the exception of the principles set in paragraph 5 of this Article.
5. For all cases of withdrawal of the co-financing of the PON R&I resources of the PhD scholarships referred to in this Call, the provisions of the relevant legislation (Ministerial Decree no. 1061/2021 and its Implementation Regulation) apply.

Art. 13 – PhD PROGRAMME ENROLMENT

1. Under penalty of forfeiture, the enrolment must be completed pursuant to the procedures and by the deadline set with the publication of the ranking list or, in the case of entitled persons being replaced, the deadline specified to the eligible applicant as per Art. 9, paragraph 4.
Applicants deemed eligible for a post who do not meet the deadline set to enrol will be considered forfeit and the vacant posts will be made available to eligible applicants according to the order of the final ranking of merit.
2. If it is verified that false declarations were made in the documentation submitted, the applicant will be declared out of the competition, without prejudice to the penalties provided for by the Italian Penal Code and the special laws on the subject (Articles 75 and 76 of Presidential Decree 445/2000). The university administration will provide for the recovery of any benefits granted (such as scholarships or student fee reductions) and will not proceed with any kind of reimbursement of paid fees.

Art. 14 – INCOMPATIBILITIES



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DI BRESCIA

1. Enrolment to PhD Programmes is incompatible with simultaneous enrolment in Undergraduate courses, Specialization courses (except what envisaged under Article 5 of the University's PhD Rules and Regulations) and Master's Degree courses or other PhD Programmes in Italy or abroad, without prejudice to the cases of International PhD Programmes and Joint PhD Programmes.

Art. 15 - DUTIES OF PHD STUDENTS

1. PhD students are required to comply with the obligations set forth in the current [PhD Rules and Regulations](#) of the University of Brescia.

2. PhD students awarded the scholarships financed with PON R&I resources are also required, by accepting the scholarship, to comply with the obligations set out in Art. 3, paragraph 3 of the Regulation for the implementation of the Italian Ministerial Decree no. 1061/2021 (Annex 1), which are reported in full below:

- a) commit formally to carry out the required research periods (minimum 6 months, maximum 12 months) in the business company identified and in international mobility outside Italy (optional). This commitment envisages that PhD students are aware that failure to comply with the minimum research period at the identified business company will result in the withdrawal of the scholarship benefit.
- b) state to be aware that the modification of the project objectives and of the expected results (if not previously authorized by the Italian Ministry of Research) will result in the withdrawal of the scholarship benefit and on his/her total refund of any amounts already paid.
- c) state to be aware that any negative judgement of the PhD Board of Professors and the consequent non-admission to the following year of the PhD Programme will result in his/her total refund of the scholarship instalments already paid for the current year; as well as that failure to obtain the degree will result in his/her total refund of the scholarship instalments already paid for the last year of the PhD Programme.
- d) state not to benefit of other / additional scholarships or grants being awarded under any circumstances, and commit for the entire period of its benefit not to combine the scholarship granted under the present PhD Call with any other scholarship or grants being awarded under any circumstances, except for those granted pursuant to the current Italian legislation.

3. PhD students are required to pursue the activities planned for in their educational curriculum, and to commit exclusively and full-time to the individual and guided study programmes and the carrying out of assigned research activities.

Art. 16 – DEGREE AWARDING

1. Pursuant to Art. 14 of the [PhD Rules and Regulations](#) of the University of Brescia, upon passing the final exam, the PhD Degree shall be awarded to PhD students who have obtained results of significant scientific value by the end of the PhD programme, documented by a final written dissertation.

Art. 17 - PERSONAL DATA PROCESSING

2. The processing of personal data provided by applicants and collected for the purposes identified in this Call takes place in compliance with the provisions of EU Regulation 27.04.2016 n. 679 (General Data Protection Regulation, following: GDPR). For the purposes of processing personal data, the University of Brescia is the data controller pursuant to Art. 26 of the GDPR.

The University of Brescia is required to implement appropriate technical and organizational measures to ensure that the treatment is compliant with the GDPR, verifying and periodically updating the data protection policies pursuant to the GDPR, Arts. 24-25. It is also subject to all the obligations of the data controllers, in particular that of the release of specific information to the interested parties, pursuant to the



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DEGLI STUDI
DI BRESCIA

GDPR, Arts. 13-14.

The provision and collection of data is mandatory for the selection process and, in the case of sensitive data, it is carried out pursuant to Law 68/1999, and Law 104/1992. The provision of the data envisaged in the Call is mandatory and necessary for the purposes of assessing the admission requirements and the formulation of the rankings, under penalty of exclusion from the selection process.

3. For the purposes of processing personal data, CINECA, the Inter-university Consortium, is appointed by the University of Brescia to be in charge of the treatment, as pursuant to Art. 28 of the GDPR. CINECA therefore undertakes to provide, upon request by the university, suitable guarantees that it has put in place suitable technical and organizational measures to ensure that the processing of the data conferred to meets the requirements of the GDPR in respect to the protection of the rights of the interested parties.

4. CINECA will not communicate or disseminate to third parties the data processed, as it acts as data controller as expressly appointed by the University. CINECA personnel units, designated by the Director of the Consortium, are responsible for processing the data. The data collected will be kept for a period of time not exceeding the achievement of the purposes for which they are processed (Art.5 "*conservation restriction principle*" of the GDPR) or on the basis of the deadlines established by law. The verification of the obsolescence of the data stored in relation to the purposes for which they were collected is carried out periodically.

5. The Data Protection Officer (DPO) is the Legal Representative for the University of Brescia who appoints a specific representative on his/her behalf, as reported on the University web site on "Privacy Policy".

Art. 18 – ADMINISTRATIVE PROCEDURE OFFICER IN CHARGE

1. Administrative Procedure Officer in Charge: Ms. Fabiana Farro, PhD Office (U.O.C. Dottorati).

2. The contact Office at the University of Brescia is the PhD Office (U.O.C. Dottorati), via S. Faustino, 74/b-25121 Brescia, Italy. The PhD Office can be reached by e-mail at dottorati@unibs.it. The PhD Office is open to public on Wednesdays, from 10:00 to 12:00 hours (Italian Time), upon appointment to be fixed by writing to dottorati@unibs.it.

Art. 19 - STANDARD RULES

1. For anything not provided for in this Call, please refer to the current Italian legislation in force on the subject and to the University's PhD Rules and Regulations.

Brescia

The Rector
(Prof Maurizio Tira)

Signed electronically ex art.24 D.Lgs. 82/05