



DISCLAIMER: This document is a non-official version of the PhD Programmes – 39th cycle Call for Applications. Only the Italian version approved with Rectoral Decree shall prevail and be binding.

CALL FOR APPLICATIONS FOR THE ADMISSION TO THE PHD PROGRAMMES (39TH CYCLE) A.Y. 2023/2024 FOR SCHOLARSHIPS FUNDED BY NEXT GENERATION EU – NRRP EX M.D. 117/2023 AND M.D. 118/2023 AND FROM OTHER SOURCES

DEADLINE: June 20th, 2023 - 11.59 pm (CEST)

Any amendment or integration to the present Call will be published on the [University website](#)

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Art. 1 - PhD PROGRAMMES

The Call for Applications for the admission to the PhD programmes at Alma Mater Studiorum – University of Bologna (Via Zamboni 33, 40126, Bologna), 39th cycle, A.Y. 2023/2024 is now open.

The PhD programmes activated for A.Y. 2023/2024 are listed below:

RESEARCH AREAS	PHD PROGRAMMES
Biological, Geological and Agricultural Sciences	Agricultural, Environmental and Food Science and Technology
	Biotechnological, Biocomputational, Pharmaceutical and Pharmacological Sciences
	Cellular and Molecular Biology
	Earth, Life and Environmental Sciences
	Health Safety and Green System
	Innovative Technologies and Sustainable Use of fisheries and Biological Resources in the Mediterranean Sea (Fish Med-PhD)
	Sport, Health and Wellbeing
Legal, Political, Economic and Statistical Sciences	Economics
	European Law

	Law, Science and Technology
	Legal Studies
	Public Governance, Management and Policy
	Sociology and Social Research
	Statistical Sciences
Engineering Studies	Aerospace Science and Technology
	Architecture and Design Cultures
	Automotive Engineering for Intelligent Mobility
	Biomedical, Electrical and System Engineering
	Civil, Chemical, Environmental and Materials Engineering
	Computer Science and Engineering
	Data Science and Computation
	Electronics, Telecommunications, and Information Technologies Engineering
	Engineering and Information Technology for Structural and Environmental Monitoring and Risk Management – EIT4SEMM
	Mechanics and Advanced Engineering Sciences (DIMSAI)
Mathematical, Physical, Chemical and Astronomical Sciences	Astrophysics
	Chemistry
	Industrial Chemistry
	Mathematics
	Nanoscience for Medicine and the Environment
	Physics
	The future of the Earth, Climate Change and Societal Challenges
Medical, Pharmaceutical and Veterinary Sciences	Biomedical and Neuromotor Sciences
	Cardio Nephro Thoracic Sciences
	General Medical and Services Sciences
	Health and Technologies
	Oncology, Hematology and Pathology
	Surgical Sciences and Innovative Technologies
	Veterinary Sciences
Humanities	Art, History, Society
	Cultural and Environmental Heritage
	Cultural Heritage in the Digital Ecosystem
	Global Histories, Cultures, and Politics
	History and Archaeology. Studies on Heritage, Memory and Cultures
	Literary and Philological Cultures
	Modern Languages, Literatures, and Culture: Diversity and Inclusion
	Pedagogical Sciences
	Philosophy, Science, Cognition, and Semiotics (PSCS)
	Psychology
	Translation, Interpreting, Intercultural Studies

1.1 Activation and Ministerial Accreditation

In accordance with Ministerial Decree no. 226/2021, the PhD programmes can be activated after being accredited by the MUR (Ministry of University and Research). The accreditation is renewed after a yearly revision of the mandated requirements.

In case of denied accreditation due to a negative review, which would affect the activation of the programme, the applicants shall be promptly alerted via email to their name.surname@studio.unibo.it account (for more information about the account see [Art. 3](#)).

1.2 PhD Programme Tables

Additional information about doctoral positions, research topics, scholarships, specific requirements and assessment criteria are detailed in the **PhD Programme Tables**. Such Tables complement the Call for Applications and are available

on the [University website](#) (select the PhD programme you are interested in → “More Information” and then “PhD Programme Table”).

The number of positions and scholarships may be incremented in case additional funding becomes available, notwithstanding the terms of the application process as detailed in [Art. 3](#). Any amendment, update or integration of the Programme Table will be published on the [University website](#), even after the Call for applications has expired. Any further PhD positions shall be integrated in the PhD Programme Tables within ten days before the oral examination.

In case the agreements between the University and external Institutions for the funding of PhD scholarships will fail to be signed within October 20th, 2023 the positions covered by such scholarships will not be assigned.

1.3 Available PhD Positions

The present Call for Applications may offer the PhD positions detailed in the table below.

PhD Positions with full scholarship	PhD candidates awarded with such PhD Positions shall carry out their research activities on a topic agreed with their PhD thesis Supervisor and officially approved by the PhD Academic Board.
Positions with full scholarship funded by Next Generation EU – National Recovery and Resilience Plan (NRRP) ex M.D. 117/2023 or 118/2023	Such PhD Positions bind the applicants to carry out their doctoral research on a specific topic that is indicated in the relevant PhD Programme Table , that complements the Call for Applications and is available on the University website (select the PhD programme → “More Information” and then “PhD Programme Table”). Applicants awarded with such PhD scholarships shall fulfil specific obligations foreseen in the funding scheme and in the relevant regulations, as per Art. 1.4 and 1.5
PhD Positions with full scholarship funded by Next Generation EU with funds made available by the National Recovery and Resilience Plan (NRRP), Mission 4, Component 2 “Dalla ricerca all’impresa” – with reference to the specific funding schemes: - Campioni Nazionali (CN) - Infrastrutture di Ricerca (IR) - Partenariati Estesi (PE)	Such PhD Positions bind the applicants to carry out their doctoral research on a specific topic that is indicated in the relevant PhD Programme Table , that complements the Call for Applications and is available on the University website (select the PhD programme → “More Information” and then “PhD Programme Table”). Applicants awarded with such PhD scholarships shall fulfil specific obligations foreseen in the funding scheme and in the relevant regulations
PhD Positions with full scholarship Linked to a specific research topic	Such PhD Positions bind the applicants to carry out their doctoral research on a specific topic that is indicated in the relevant PhD Programme Table , that complements the Call for Applications and is available on the University website (select the PhD programme → “More Information” and then “PhD Programme Table”). Applicants awarded with such PhD scholarships shall fulfil specific obligations foreseen in the funding scheme and in the relevant regulations.
Reserved PhD Positions	The reserved positions (e.g. Executive PhD, Apprenticeship PhD, PhD positions reserved for applicants with a second-cycle degree awarded in a foreign country, PhD extra-quota positions) are open to applicants who fulfil specific requirements in addition to the general assessment carried out by the Admission Board. If such positions are available, the requirements are detailed in the relevant PhD Programme Table , that complements the Call for Applications and is available on the University website (select the PhD programme → “More Information” and then “PhD Programme Table”).

PhD Positions covered by a Research Grant	Specific information about the Research Grant provided to fund the interested PhD Positions is detailed in the relevant PhD Programme Table , that complements the Call for Applications and is available on the University website (select the PhD programme → “More Information” and then “PhD Programme Table”).
PhD Positions without Scholarship	

1.4 PhD scholarships funded by the National Recovery and Resilience Plan ex M.D. 117/2023

The National Recovery and Resilience Plan (NRRP) related to Mission 4 Component 2 Investment 3.3 allocated resources for the activation of innovative PhD Programmes, with the contribution and involvement of Companies. The M.D. 117/2023 assigned to the University resources for the activation of **PhD scholarships co-funded by Companies interested in improving research and innovation**.

For the 39th cycle PhD programmes, the University selected the co-funding Companies and the research projects to be launched.

Such projects, in compliance with the above mentioned M.D. 117/2023, are:

- a. coherent to the goals of the Regulation (EU) 2021/241, with the overall strategy and the Detail Sheet of the NRRP Component;
- b. aimed at achieving goals measured in reference to milestones and targets that may be assigned to the investment within the terms set in the Plan;
- c. compliant to the “do no significant harm” (DNSH) principle, in accordance with art. 17 of the Regulation (UE) 2020/852 and compliant to the technical guidelines provided by the European Commission (Communication of the European Commission 2021/C58/01);
- d. suitable for addressing and overcoming gender inequalities;
- e. in support of the participation of women and young people, and in accordance with the provisions of Decree Law No. 77 of 31 May 2021 (also known as Simplification Decree), amended by the Conversion Law No. 108 of 29 July 2021, concerning the management of the National Recovery and Resilience Plan.

Research projects covered by M.D. 117/2023 PhD scholarships should:

- a. focus on disciplinary and thematic fields consistent with the needs of the country and of regional territories where the projects take place, in terms of highly qualified human resources aimed at satisfying the companies needs to innovate, according to the NRRP;
- b. foresee to spend the entire PhD Programme and the related education, research and evaluation activities, at the administrative and operating headquarters of the beneficiary university, with the exception of the periods of study and research at the company and abroad; such periods should be compatible with the training and research activities to be carried out at the University;
- c. guarantee that the PhD student can benefit from specific and qualified scientific facilities, according to the safety law in the workplace, for their study and research activities, included (if consistent with the study field) laboratories, libraries and database (etc.);
- d. ensure the realization of activities aimed at improving the linguistic and IT skills, the ability to manage the research activities and the knowledge of international and European research systems. Also, these activities aim at enhancing the research results and protect the intellectual property rights;
- e. involve the Companies in the drafting of the study plan, by letters of commitment and/or agreements, also in the framework of broaden collaborations with the University and the co-funding of the PhD scholarships;
- f. foster the exploitation of research results and safeguard the IP rights, ensuring open access to research results and related data to the public within the shortest time and with the least number of possible limitations, in accordance with the “Open Science” and “FAIR Data” principles;

PhD Programmes funded with NRRP ex M.D. 117/2023 resources include:

- a **period of study and research at the company** from a minimum of six (6) months to a maximum of eighteen (18) months, even non-continuous, during the three-year period;
- a **period of study and research abroad**, even non-continuous, during the three-year period, from a minimum of six (6) months to a maximum of months, as provisioned by Ministry of University and Research December 14th, 2021, n. 226.

The above mentioned study and research period are different and should be carried out at different institutions.

Scholarships described in this article must be linked to specific topics, in accordance with the criteria set by the ex M.D. 117/2023, listed in the PhD Programme tables (see Art. 1.2).

Following the enrollment of applicants who have been awarded a position, the Ministry of University and Research (MUR) will verify the eligibility of the projects to be funded with NRRP funds and ANVUR will verify the coherence to the requirements set by M.D. 117/2023. Then MUR will announce to each University the final distribution of the funding. The admission of applicants who have been awarded a position ex. M.D. 117/2023 depends on the positive verification of consistency and eligibility and the assignment of ministerial funding.

In addition to the obligations for PhD students set in the PhD Programme Regulation, according to the provisions of M.D. 117/2023 PhD students awarding a scholarship ex M.D. 117/2023 upon enrolment should:

- **Submit a report on a six-month basis** with the timesheet of their activities (organized by months spent at the university, abroad or at a private company) and a summary of the most important tasks carried out, compliant to the “do no significant harm to the environment” principle. The reporting will be performed through an online platform (<https://dottorati.mur.gov.it>) using the template that will be provided.
- **Complete the required mandatory periods of study and research abroad and at the company.** Failure to comply with the required period at the company entails the revocation of the scholarship.
- **Ensure the respect of the obligations in terms of communication and information** as provided by the art. 34 of Regulation (EU) 2021/241, indicating in all the documents that the Programme is funded in the frame of the NRRP, with explicit reference to the funding by the European Union and the NextGeneration EU initiative, including in the papers the EU logo, and also suitably share and promote the Programme – online and on social media – in line with what provided by the Communication Strategy of the NRRP.
- **Respect the principle of “do no significant harm” (DNSH) to the environment**, in accordance with Article 17 of Regulation (EU) 2020/852.

Such obligations could be further specified by MUR.

In addition to the provisions of the PhD Programme Regulation, applicants who are awarded with a position ex M.D. 117/2023 are subjected to the revocation of the scholarship in case of:

- The research project carried out is different from the project funded, where no prior request is sent nor approved by the MUR;
- The PhD student fails to carry out the minimum period of study and research in the company or abroad.

The University shall request the beneficiary for the refund of scholarship amount already received, in case of the revocation of the scholarship or in case of failing to complete the semester to be reported to the MUR.

PhD candidates awarding a scholarship funded by NRRP ex M.D. 117/2023 are not allowed to renounce to the scholarship and continue their PhD programme. Therefore, the candidate cannot continue the PhD programme in case of incompatibility, leading to a suspension (eg. in case of joint attendance PhD programme and Medical Specialisation School, etc.) and/or withdrawal of the PhD scholarship, unless otherwise provided by the relevant Ministry.

1.5 PhD scholarships funded by the National Recovery and Resilience Plan ex M.D. 118/2023

The National Recovery and Resilience Plan (NRRP) related to Mission 4 Component 1 Investment 3.4 allocated resources to qualify and innovate the doctoral paths, through three strategic goals: digitalization, “innovation culture” and internationalization. In the framework of Mission 4 Component 1 Investment 4.1 allocated resources to activate PhD programmes aimed at improving the amount of human resources focused on research, at the public administration and the cultural heritage.

The University decided to assign three-year scholarships to PhD Programmes related to:

- Digital and environmental transition
- Research activities on NRRP topics
- Public Administration
- Cultural heritage

The University selected research projects to be activated within the University’s PhD Programmes accredited for the 39th cycle. These projects, in accordance with M.D. 118/2023, are:

- a. coherent to the goals of the Regulation (EU) 2021/241, with the overall strategy and the Detail Sheet of the NRRP Component;
- b. aimed at achieving goals measured in reference to milestones and targets that may be assigned to the investment within the terms set in the Plan;
- c. compliant to the “do no significant harm” (DNSH) principle, in accordance with art. 17 of the Regulation (UE) 2020/852 and compliant to the technical guidelines provided by the European Commission (Communication of the European Commission 2021/C58/01);
- d. suitable for addressing and overcoming gender inequalities;
- e. in support of the participation of women and young people, and in accordance with the provisions of Decree Law No. 77 of 31 May 2021 (also known as Simplification Decree), amended by the Conversion Law No. 108 of 29 July 2021, concerning the management of the National Recovery and Resilience Plan.

Research projects covered by M.D. 118/2023 PhD scholarships should:

- a. focus on disciplinary and thematic fields consistent with the eligibility criteria as listed in the M.D. 118/2023;
- b. foresee to spend the entire PhD Programme and the related education, research and evaluation activities, at the administrative and operating headquarters of the beneficiary university, with the exception of the periods of study and research at the company and abroad; such periods should be compatible with the training and research activities to be carried out at the University;
- c. foresee a period of study and research at the Companies or Research Centres from a minimum of six (6) months to a maximum of twelve (12) months, even non-continuous, during the three-year period;
- d. foresee a period of study and research abroad, even non-continuous, during the three-year period, from a minimum of six (6) months to a maximum of months, as provisioned by Ministry of University and Research December 14th, 2021, n. 226;
- e. guarantee that the PhD student can benefit from specific and qualified operational scientific facilities, for their study and research activities;
- f. foster the exploitation of research results and safeguard the IP rights, ensuring open access to research results and related data to the public within the shortest time and with the least number of possible limitations, in accordance with the “Open Science” and “FAIR Data” principles.

PhD Programmes funded with NRRP ex M.D. 118/2023 resources include:

- a **period of study and research at other Institutions, different from University of Bologna** from a minimum of six (6) months to a maximum of twelve (12) months, even non-continuous, during the three-year period;
- a **period of study and research abroad**, even non-continuous, during the three-year period, from a minimum of six (6) months to a maximum of twelve (12) months (the period can be extended to eighteen (18) months in the sole case of co-tutorship agreement with a foreign University), even non-continuous, during the three-year period.

Type of scholarship ex M.D 118	Period abroad	Period at other Institutions
Programmes related to digital or environmental transitions	mandatory	Mandatory in companies or research centres
NRRP programmes	mandatory	optional
Programmes related to Public Administration	mandatory	mandatory in public administrations, companies or research centres
Programmes related to Cultural Heritage	mandatory	mandatory in companies, research centres and public administrations, included museums, institutes and education institutions of the Ministry of Culture (eg. Fondazione scuola dei beni e delle attività culturali and other Higher Education Schools), archives and libraries

Scholarships described in this article must be linked to specific topics, in accordance with the criteria set by the ex M.D. 118/2023, listed in the PhD Programme tables (see Art. 1.2).

Following the enrollment of applicants who have been awarded a position, the Ministry of University and Research (MUR) will verify the eligibility of the projects to be funded with NRRP funds and ANVUR will verify the coherence to the requirements set by M.D. 118/2023. Then MUR will announce to each University final distribution of the financing. **The admission of applicants who have been awarded a position ex. M.D. 118/2023 depends on the positive verification of consistency and eligibility and the assignment of ministerial funding.**

In addition to the obligations for PhD students set in the PhD Programme Regulation, according to the provisions of M.D. 118/2023 **PhD students awarding a scholarship funded ex M.D. 118/2023, upon enrolment should:**

- Submit a **report** on a six-month basis with the timesheet of their activities (organized by months spent at the university, abroad or at a private company) and a summary of the most important tasks carried out by declaring that they respect the principle of “do no significant harm” (DNSH) to the environment. The reporting will be performed through an online platform (<https://dottorati.mur.gov.it>) using the template that will be provided;
- **Complete the required mandatory periods of study and research abroad** (minimum 6 and maximum 18 months) **and at the other institutions** (minimum 6 months and maximum 12 months), as listed in the above mentioned table;
- Ensure the respect of the obligations in terms of communication and information as provided by the art. 34 of Regulation (EU) 2021/241, indicating in all the documents that the Programme is funded in the frame of the NRRP, with explicit reference to the funding by the European Union and the NextGenerationEU initiative, including in the papers the EU logo, and also suitably share and promote the Programme – online and on social media – in line with what provided by the Communication Strategy of the NRRP;
- Respect the **principle of “do no significant harm” (DNSH) to the environment**, in accordance with Article 17 of Regulation (EU) 2020/852. Such obligations could be further specified by MUR.

Such provisions could be specified by MUR.

In addition to the provisions of the PhD Programme Regulation, applicants who are awarded with a position ex M.D. 118/2023 are subjected to the **revocation** of the scholarship in case of:

- a. The research project carried out is different from the project funded, where no prior request is sent nor approved by the MUR;
- b. The PhD student fails to carry out the minimum period of study and research in the company or abroad.

The University shall request the beneficiary for the refund of scholarship amount already received, in case of the revocation of the scholarship or in case of failing to complete the semester to be reported to the MUR.

PhD candidates awarding a scholarship funded by NRRP ex M.D. 118/2023 are not allowed to renounce to the scholarship and continue their PhD programme. Therefore, the candidate cannot continue the PhD programme in case of incompatibility, leading to a suspension (eg. in case of joint attendance PhD programme and Medical Specialisation School, etc.) and/or withdrawal of the PhD scholarship, unless otherwise provided by the relevant Ministry.

Art. 2 - ADMISSION REQUIREMENTS

Regardless of age and citizenship status, applicants can be admitted to the selection procedure if they have been awarded at least one of the following degrees:

- a) Laurea Magistrale, Magistrale a ciclo unico or Laurea Specialistica (Italian Second-Cycle Degree);
- b) Laurea di Vecchio Ordinamento (pre-1999 reform);
- c) A Second-Cycle Degree awarded by academic institutions part of AFAM (Alta Formazione Artistica e Musicale);
- d) A non-Italian Degree awarded by an academic institution, recognized equivalent to the above mentioned second-cycle Italian degrees (letters a, b, c) for the sole purpose of the admission to a PhD programme at the University of Bologna.

Applicants who are yet to obtain their Second-Cycle Degree are admitted to the selection procedure on condition that they obtain their degree no later than October 31st, 2023.

Art. 3 - HOW TO APPLY

3.1 Application

The online application must be **submitted by June 20th, 2023 at 11.59 pm (CEST).**

A €5 application fee, non-refundable, is to be paid within the above mentioned deadline.

The application must be submitted through the [Studenti Online website](#) only. For applicants using the application for the first time registration will be required. After registering applicants will receive their credentials, i.e. name.surname@studio.unibo.it. This will be the only email account (which will be activated upon registration) where they will receive all eventual communication regarding the admission procedure. Applicants must use this address to send emails to any University office. **To ensure the protection of the applicants' privacy, the University administrative offices will not be able to reply to emails sent by accounts other than name.surname@studio.unibo.it.**

Applicants who are already in possession of the said credentials must use them to apply. If the credentials have not been used for a long time, an account recovery procedure is available on the [University website](#). We remind all applicants that who has participated even once to a selection procedure or has been enrolled in an academic programme at the University of Bologna, is already in possession of the credentials name.surname@studio.unibo.it. **A new registration with the same personal data will not be possible.** In this case, the recovery procedure of the previous credentials is required. **It is therefore advisable to apply for admission well in advance of the deadline.**

In order to submit the application, applicants shall:

1. Access [Studenti Online](#) and log in using their credentials;

2. Select “*Admission application*” and follow the online procedure. **The €5 application fee is to be paid at this stage of the admission procedure, using the PagoPA system.**
3. Fill in the first part of the application form, in order to access to the attachments upload section (applicants are allowed to access to their application several times, to complete or modify it, up to the submission);
4. Upload the required documents, as detailed in the table below, exclusively in .pdf format. **Applicants will not be able to upload any supporting document after the deadline of this call;** after providing all the required information and documents the application will show the status “*Application filled in: You can submit the application*”;
5. **To finalize the application, select “Submit”.** Any application not submitted by the deadline will be rejected. Any application lacking a valid payment of the admission fee, made before the deadline, will be rejected. No communication will be sent to applicants about the successful submission of their application.

3.2 Required documents

a)	Scanned valid ID with photograph	Both sides
b)	Curriculum Vitae	Check the relevant PhD programme table for any further information (language and/or format).
c)	<p>Documents* attesting the completion and awarding of both first and second-cycle degrees. The documents must include:</p> <ol style="list-style-type: none"> 1. Name of the awarding institution; 2. Type of degree (in Italy <i>laurea specialistica/magistrale, magistrale a ciclo unico, vecchio ordinamento</i> or an equivalent second-cycle degree as specified in Art. 2); 3. Name of the degree programme; 4. “<i>Classe di laurea</i>” (only for degrees awarded in Italy); 5. Date in which the degree has been awarded; 6. Final mark; 7. Academic transcript of records, including the full list of the exams taken and the related marks. Please also indicate the related CFU or ECTS (if provided by the education system in which the degree has been awarded); 8. “<i>Media ponderata dei voti degli esami</i>” (weighted average, only for degrees awarded in Italy). <p><i>For applicants who are yet to obtain their second-cycle degree by the date they apply:</i> Academic transcript of records, including the full list of the exams taken and the related marks (weighted average, only for graduate students enrolled in Italian Universities).</p> <p>For applicants who have obtained their second level degree at a University in a EU/non-EU Country, who already have such document:</p>	<p>Type of document for degree awarded by:</p> <ol style="list-style-type: none"> 1. Italian Public Universities: self-certification** dated and signed attesting the completion and awarding of the degree. University of Bologna graduates can download the self-certification from Studenti Online. 2. EU/Non-EU Universities: the certificate, the transcript of records of both the first and second-cycle degree, or the <i>Diploma Supplement</i>, if available; Document stating the authenticity and level of the degree (eg. <i>Diploma Supplement</i>, <i>Dichiarazione di valore in loco</i> issued by the Italian Diplomatic Missions in the Country where the diploma has been issued, <i>Statement of Verification</i> and <i>Statement of Comparability</i> issued by an ENIC-NARIC centre (eg. CIMEA); 3. Italian Private Universities: the certificate or the self-certification, including all the information as detailed on the side, or in alternative the <i>Diploma Supplement</i>, if available.

	Document stating the authenticity and level of the degree (applicants who do not have such document while they apply and who will award a position, will have to provide the PhD Unit with such document at the moment of the enrolment within three months from the starting date of the PhD programme)	
d)	Further supporting documents	As detailed in the PhD Programme Table, that complement the Call for Applications and is available on the University website (select the PhD programme → “More information” then “PhD Programme Table”)
e)	<i>For applicants who need to request an adaptation for the Admission test:</i> Request of Adaptation Form and valid health documents	For more information about special arrangements and adaptations for the admission examinations see Art. 4.2

***Documents in Italian or English only shall be considered as valid and shall be assessed** by the Admission Board. For identity documents and degrees issued in a language different from Italian or English, an official translation is required. The translation shall be drawn up by an authorized body or by the awarding University.

****** According to current legislation, the University must reject certifications issued by other Italian public administrations. Therefore, academic degrees must be attested only using self-certificates if awarded by Italian public universities.

If the PhD Programme Table foresees the possibility to submit to the evaluation one or more **reference letters**, signed by Italian or International academics and professionals in the research field, attesting the suitability of the applicant and his/her interest for the scientific research, the above mentioned letters shall be uploaded in the relevant section, following the procedure on [Studenti Online](#). Academics and/or professionals signing the reference letters must not be part of the Admission Board. Please, note that the above letters cannot be uploaded by applicants. When filling the online application form on [Studenti Online](#), applicants will be only allowed to provide the email account of the requested academic/professional. The latter shall receive an email from the University of Bologna providing for the instructions for uploading. Only letters in .pdf format submitted before the expiry date and time of the Call shall be accepted.

Art. 4 - SELECTION PROCEDURE

Examination dates, assessment methods and evaluation criteria are detailed in the PhD Programme Tables. Such Tables complement this Call for Applications and are available on the [University website](#) (select the PhD programme → “More Information”, then click on “PhD Programme Table”).

Examination results will be published on [Studenti Online](#) (select “Requests in progress” → “see details” and then open the .pdf files available at the bottom of the page). **The publication of such results on the website is equivalent to receiving a notification. No notification will be sent to applicants via e-mail.**

Absence without notice or failure to connect on the date/time slot defined for the oral examination is considered as a withdrawal from the selection process. Also, failing to provide the Admission Board with the same ID uploaded on [Studenti Online](#) is considered as a withdrawal.

Any voluntary withdrawal from the selection procedure must be communicated to the members of the Admission Board via email (the Admission Board members’ emails are available on the [University website](#), select the PhD programme → “More Information”, then click on the “Admission Board” tab) copying the PhD Unit aform.udottricerca@unibo.it. Such withdrawal emails must be sent exclusively by using the account name.surname@studio.unibo.it, together with a valid ID scan.

4.1 How to take the admission examinations remotely

For applicants who intend to, and according to the rules laid down in each PhD programme Table, available on the [University website](#) (select the PhD programme → “More Information”, then click on “PhD Programme Table”), examinations could be held remotely **via Microsoft Teams**. The link to connect to the virtual room for the examination will be available on [Studenti Online](#), in the admission application details.

In order to take the examination, applicants shall connect to the Teams session via the above mentioned link, using their own account (i.e. name.surname@studio.unibo.it) on the day and time scheduled, and showing their valid ID. A copy of such ID must have been attached to the admission application form as well.

Applicants are responsible for providing adequate audio and video equipment for Microsoft Teams.

In case of **technical issues** occurring before and/or during the examination:

- a) **If one or more Admission Board members experience connection problems**, the examination is postponed to another date which will be notified on [Studenti Online](#), in the admission application details.
- b) **If the applicant experiences connection problems**, the Admission Board may reasonably postpone the examination to another date, in compliance with the principles of non-discrimination and equal treatment between applicants. The new date and time will be published on [Studenti Online](#), in the admission application details.

4.2 Adaptations Requests

Applicants requiring special arrangements (hereinafter Adaptations) to participate to the examinations, should make a request before the deadline of this Call for Applications.

In order to submit an Adaptation Request, applicants must:

- 1) **Log in** [Studenti Online](#) and start the application procedure.
- 2) Fill in the **Request of Adaptation form** available on the first page of the application procedure, then save it as .pdf and attach it to the appropriate section.

Adaptations may consist in:

- a) Extra time to take the examination (30% extra time for applicants submitting documents which certify Specific Learning Disorders, Special Educational Needs, or other; 50% extra time for applicants submitting documents which prove any disability and/or handicap as stated by the Italian Law 104/92).
- b) Special aids available, such as reading aid, non-scientific calculator, or other aids (the list of special aids can be found in the Request for Adaptation form on [Studenti Online](#)).

You can find the list of the available ada

In case of any organizational need and/or mandatory regulation that cannot ensure the required adaptations to applicants, an alternative but equivalent measure will be defined as well.

3) Submit **specific documents** as detailed below:

- a) Diagnosis of Specific Learning Disorders, according to the Italian Law 170/2010, issued by the National Health Service (Servizio Sanitario Nazionale) or by a private affiliated body or private professional including a document of conformity issued by the National Health Service itself. These documents must have a date of issue that does not exceed three years from the date of PhD application, or must have been issued after reaching the age of eighteen.

Due to the Covid-19 emergency, which has caused a reduction on the assistance activity of the National Health Service, applicants with Specific Learning Disorders, according to the Italian Law 170/2010, will be allowed to submit their adaptation request by presenting documents older than three years or without a document of conformity. In this case, the applicant must demonstrate to have requested an updated document or the document of conformity issued by the National Health Service. The University reserves to ask for the mentioned documents and ask for integrations. Any

document issued by private professionals must be complete and compliant with the 2011 Consensus Conference requirements on Specific Learning Disorders.

- b) Documents issued by National Health Service professional, certifying a Special Educational Need or a difficulty that affects learning.
- c) Handicap certificate according to the Italian Law 104/92.
- d) Disability certificate.
- e) Documentation, drawn up by a specialist, proving a disorder that may determine a physical/mental inability, even temporary, that may lead to certain specific needs during the examination.

Documents must be clear and include all the relevant information needed to understand the special needs of the applicant.

Please note: If an applicant owns both certifications according to the Italian Law 104/92 and some other medical documentation, it is strongly recommended to submit all of them.

Applicants **with disabilities or with Specific Learning Disorders, residing in foreign Countries** who need to ask for the above mentioned adaptations, must submit an official document certifying such a disability or learning disorder issued in the Country of residence together with its official translation exclusively in Italian or English language.

University Governing Bodies in charge of assessing the mentioned documentation will verify also if the certifications issued abroad prove a condition of disability or learning disorder recognized by the Italian Law.

Please note: Before submitting the application, check that all the supporting documents listed above are properly attached.

The submitted documents will be assessed by the **Services for disabled students and students with specific learning disabilities** in order to match their compliance with the request for adaptation. In case of incomplete or unreadable documentation, any addition will be requested to applicants (via name.surname@studio.unibo.it account) and must be fulfilled compulsorily within the deadline stated in the email.

Please note that failing to submit the request or to provide any additional documentation within the deadline, will result in the rejection of the adaptation request.

The PhD Unit will inform the interested applicants (via name.surname@studio.unibo.it account) and the Admission Board about the outcome of adaptation requests.

For any further clarification concerning the procedure for requesting adaptations, please contact the Services for disabled students and students with specific learning disabilities (e-mail: ases.adattamentiammissione@unibo.it).

Art. 5 - ADMISSION BOARD

Details about the Admission Board members are available on the [University website](#) (select the PhD programme → “More Information” and then click on “Admission Board tab”).

In case of scholarships financed by external institutions or reserved positions, the Admission Board may include an additional Expert Member (i.e. from the external institution) with the purpose of assessing the applicant suitability for the interested position. Any change to the Admission Boards will be communicated on [University website](#), before the date of the oral examination.

Art. 6 - FINAL RANKING LIST

Following the indications provided in the PhD Programme Tables, each applicant can express to the Admission Board their **interest for the assignment of one Curriculum and/or one or more topic-specific positions**. All applicants will be considered for any available PhD Positions with full scholarship (non topic-specific).

The Admission Board will establish if the applicants can be considered eligible for the above mentioned positions, taking into account the preferences expressed by the applicants and considering the applicants' skills and expertise.

Companies' Employees are not allowed to express their interest for (nor to award) a position funded or co-funded by their Employer.

Reserved and topic-specific positions are awarded following the ranking order of the applicants who are eligible and/or fulfil the specific requirements regarding each position (topic-specific positions or reserved position).

After the publication of the results of the last admission examination, the final ranking list will be published through a Rector Decree on the [University website](#) (select the PhD programme → "More Information" and check the "Notices" section at the bottom of the page).

The final ranking list contains the applicants who passed all the admission examinations.

According to their place in the ranking list, successful applicants will be awarded one of the positions offered by this Call and will be admitted to the PhD programme. Please note that specific rules may apply to topic-specific and reserved positions.

In case two or more applicants have the same final score, if the position is covered by a scholarship or other funding, the assessment of applicants' economic situation will be the criterion to choose the successful one. In case of positions without scholarship, the youngest applicant precedes in the ranking list.

If a successful applicant withdraws, with or without notice, from a position, or only from a funding opportunity, the following applicant in the ranking list, who is also eligible for the specific position, will be contacted. Please note that, in case of withdrawal only from the funding opportunity, the maximum number of applicants who can be contacted for replacement is set by the relevant Department.

In order to fill all the openings, **the replacement procedure will be applied for positions renounced before October 25th, 2023 at 12.00 pm (CEST).**

Art. 7 - ENROLMENT

7.1 Enrolment procedure

Successful applicants must enrol on [Studenti Online](#) before the deadline indicated on the [University website](#) along with the publication of the Final Ranking list (select the PhD programme → "More information"). Successful applicants who are already enrolled in a different PhD programme need to withdraw from the previous enrolment before the start of the new programme.

In order to **enrol**, applicants shall:

1. Log in [Studenti Online](#) with their registration credentials (i.e. name.surname@studio.unibo.it);
2. Click on "Registration" and follow the procedure;
3. Print the .pdf document, which contains the forms indicated at the following point 6.c, d, e, f and g of the present article, fill it and sign it;
4. Click on "Fee situation - Enrolment";
5. Pay the enrolment tax online through the PagoPA system, according to the Italian Law;
6. Before the enrolment deadline, send to aform.udottricerca@unibo.it, using your email name.surname@studio.unibo.it, the following scanned documents:
 - a) Valid ID or passport (both sides);
 - b) Payment receipt;
 - c) Enrolment Form filled and signed;
 - d) Intellectual property rights and confidentiality protection on research results self-certification;
 - e) Information on "how to use your institutional e-mail boxes";
 - f) Scholarship forms (only for successful applicants with scholarship);
 - g) Any other document request according to the ministerial guidelines, concerning the scholarships ex M.D. 117/2023 and ex M.D. 118/2023;

- h) (*for non-Italian citizens only*) Tax code issued by the Italian Revenue Agency (Agenzia delle Entrate). For applicants who does not hold a tax code at the moment of the enrolment, they can request for it once arrived to Italy and send a scanned copy of it afterwards, before the start date of the PhD Programme. More information on the [University Website](#).

Enrolments and payments carried out in ways that differ from the ones indicated above will not be accepted.

At the moment of the enrolment, those who are **yet to obtain the degree entitling them to enroll in a PhD programme** (see [Art. 2](#)), after the completion of their studies and **before November 1st, 2023**, have to send to aform.udottricerca@unibo.it the following documents:

- a) Self-certification (or official certification, if the degree has been obtained either in EU or non-EU foreign countries, or if the degree has been awarded at an Italian Private University). The above mentioned certificates must indicate: University Name, graduation date, type of degree (in Italy *laurea specialistica/magistrale, magistrale a ciclo unico, vecchio ordinamento* or an equivalent degree as specified in [Art. 2](#)) and final mark;
- b) Scanned copy of a Valid ID with photo.

When the enrolment is complete, PhD candidates will receive an email to their *name.surname@studio.unibo.it* account with a QR code and the instructions, in order to print their **University ID card** in one of the self-service printing stations of the University.

7.2 Replacement positions enrolment

In case of replacement, eligible applicants will receive a communication to their email *name.surname@studio.unibo.it*, with the deadline for their enrolment. The latter must be carried out as indicated in [paragraph 7.1](#).

The above mentioned applicants must complete the enrolment process within the deadline specified in the email. Otherwise, the replacement procedure will continue, and the next eligible applicant will be contacted.

7.3 Information for applicants in need of a VISA

After the completion of the University enrolment process, the applicants who require a VISA to stay in Italy must register on the [UNIVERSITALY website](#) and carry out the “pre-enrolment” to the PhD programme, following the indicated procedure to obtain the VISA.

Moreover, on their arrival to Italy, applicants who have obtained a funded position must send to aform.udottricerca@unibo.it a scanned copy of the following documents – crucial for the PhD scholarship payment authorization:

- a) Valid Permit of Stay. Those who are not in possession of this document must apply for it within 8 days from their arrival to Italy. For more information, please follow the instructions on the [University website](#). Applicants must send the receipt issued by the Questura at the moment of the request of the Permit of Stay;
- b) Italian Tax Code issued by Italian Revenue Agency (*Agenzia delle Entrate*).

7.4 Information for applicants with a non-Italian Degree

PhD candidates with a **degree issued by non-EU institutions** must provide a **document attesting the validity and the comparability of the qualification awarded** (e. g. Diploma Supplement, Declaration of Value - Dichiarazione di Valore in loco - of the second-cycle degree issued by the Italian Diplomatic authorities located in the country in which the qualification was awarded, recognition of foreign qualifications carried out by agencies like the ones of ENIC-NARIC network). Those who have not provided such documents during the application step shall submit them after the enrolment, within three months from the starting date of the PhD programme. For more information, please check the [University website](#).

The University reserves the right to request the documents attesting the validity and comparability of the awarded qualifications also for those issued in EU countries.

The suitability of non-Italian degrees is established by the University, following the legislation into force both in Italy and in the Country where the qualification has been awarded, and under the relevant international treaties or agreements dealing with the recognition of academic qualifications for access to further studies.

Applicants holding a non-Italian degree, who do not show the requested documents upon application or enrolment, **are enrolled under condition**. They will be **excluded from the PhD Programme** and required to refund any scholarship or funding already received, if they do not provide the required documents or if, on the basis of the evaluation carried out, the qualification provided were not to meet the admission requirements referred to in [Art. 2](#).

7.5 Extra-quota Positions

Applicants who have passed all the admission examinations can be **admitted to extra-quota positions** if:

- a) they are entitled to a scholarship awarded by **the Italian Ministry of Foreign Affairs (Ministero degli Affari Esteri e della Cooperazione Internazionale MAECI)**, or by the foreign authorities of the country where the applicant is born, holds citizenship, resides, or lives. Documents attesting the award of the said scholarship must be sent before the PhD programme start date. If already in possession of the documents attesting the scholarship, applicants should attach them on [Studenti Online](#) during the PhD admission application. In case the applicants enter into possession of these documents after the deadline of this Call for Applications, they must send them to aform.udottricerca@unibo.it using their email *name.surname@studio.unibo.it* and attaching a scanned double-sided copy of a valid ID.
- b) they hold a contract of Apprenticeship for PhD, not included in the positions established by this Call.

Art. 8 - TUITION FEES

PhD candidates must pay the tuition fees for the enrolment for each academic year.

The total amount of the tuition fees includes insurance premium, stamp duty and the regional tax for the right to higher education.

The amount of the tuition fees is established by the Board of Governors of the University of Bologna.

As an example, the current amount of such fees is €157.04. Such amount could vary, due to the decision of the competent bodies.

The tuition fees cannot be reimbursed under any circumstances.

Art. 9 - PHD POSITIONS AND SCHOLARSHIPS

9.1 Positions and Scholarships Assignment

The **PhD Programme Table**, which complement the present Call for Applications, provide the number of both the **positions** and the **scholarships** available.

The PhD positions will be assigned by the Academic Board during the meeting aimed at planning the training and research activities of PhD candidates for the first academic year. The allocation of the PhD scholarships will be based on the ranking list and will take into account the indications of the PhD programme Tables regarding eventual reserved and topic-specific positions (see [Art. 6](#)).

Successful applicants shall start the training and research activities according to the timeline and modalities established by the Academic Board. Failing to do so, the Academic Board can exclude them.

PhD applicants awarded of any Apprenticeship PhD positions are enrolled with condition until their contract is signed. They will withdraw from their enrolment in the PhD programme if they do not sign the contract by November 1st, 2023.

PhD applicants awarded of eventual Apprenticeship for the PhD positions or positions reserved to employees of public and private Entities (on the basis of specific agreements) **will be excluded from the PhD Programme** if the employment is interrupted before the end of the legal duration of the PhD programme.

PhD applicants that **already received even a partial amount of a scholarship for the attendance of a PhD Programme** in Italy, cannot receive a PhD scholarship again.

9.2 Scholarships payment

Scholarships are **paid to PhD candidates on a monthly basis** (payment is usually processed on the 25th day of the month).

The yearly gross amount of the scholarships is €16,243.

The yearly gross amount of the scholarships awarded for the PhD Programme in “Law, Science and Technology” is €17,500.

The yearly gross amount of the scholarships awarded for the PhD Programmes in “Computer Science and Engineering”, “Engineering and Information Technology for Structural and Environmental Monitoring and Risk Management – EIT4SEMM”, “Mechanics and Advanced Engineering Sciences “Oncology, Hematology and Pathology”, “Earth, Life and Environmental Sciences”, “Political and Social Sciences” e “Innovative Technologies and Sustainable Use of Mediterranean Sea Fishery and Biological Resources (FishMed-PhD)” is €17.805.

The yearly gross amount of the scholarships awarded for the PhD Programmes in “Data Science and Computation”, “Civil, Chemical, Environmental and Materials Engineering” and “Health and technology” is €19,367.

Please note that for PhD candidates with a scholarship, **the registration to the Social Security Administration (Gestione separata INPS) is mandatory**. The scholarships are subject to the payment of the **INPS social security contribution** according to the relevant legislation into force. Such a contribution is paid as follows: two-thirds paid by the University and one-third paid by the scholarship holder. PhD candidates have the related rights and safeguards.

The payment of the scholarship will be carried out after the PhD candidate has duly entered their **bank account details** (e.g. IBAN code) on [Studenti Online](#) (section “Modify contact details”). The scholarship payment can be made also on foreign bank accounts. The IBAN code will be used by the University for the payment of the scholarship (the PhD candidate must be the holder of the bank account or, as an alternative, they must be the co-holder).

The rules regarding the impossibility to combine the PhD scholarships with other funding is governed by the PhD Programme Regulation of the University of Bologna.

Art. 10 - INTERNATIONAL PHD COLLEGE

The [International PhD College \(I-PHD\)](#) is a 3rd cycle academic and research track, organised by the Collegio Superiore, an institution of excellence of the Alma Mater Studiorum - Università di Bologna. PhD candidates joining the International PhD College may be assigned a free accommodation and must integrate the research activity required by their PhD programmes with interdisciplinary and international training and “coworking” activities on crosscutting themes.

For the A.Y. 2023/2024 a new Call for Applications for the admission in the International PhD College will be published. The Call will be addressed to particularly motivated and deserving students successfully admitted to a PhD programme among those of the 39th cycle offered by the University of Bologna.

Applicants wishing to participate in the International PhD College specific Call for Applications must consent to the transmission of their personal data to the relevant Secretariat, for the sole purpose of participating in the International PhD College selection procedure. Such a consent has to be expressed within the application submitted in the present Call on [Studenti Online](#). Further information on how to participate in the specific International PhD College Call will be published on the relevant page of the Collegio Superiore website.

For further information contact: segreteria.collegio@unibo.it.

Art. 11 – ER.GO SCHOLARSHIPS

PhD candidates who do not receive scholarships, research grants or other funding for the right to higher education may apply for an ER.GO scholarship.

The call for applications for the ER.GO scholarships for the A.Y. 2023/2024 will be published around **July 2023**.

To apply for ER.GO scholarships, applicants must provide regular ISEE (Equivalent Economic Situation Indicator), ISEE form specific for PhD studies or ISEE Università relating to the 2021 income and assets.

At the CAF/INPS it is possible to have information about the ISEE 2023, which refers to 2021 incomes and assets.

The application shall be submitted online using the [ER.GO website](#) (using SPID credentials - only for applicants holding an Italian ID - or using name.surname@studio.unibo.it), on the section “servizi online” – “dottorati di ricerca”.

For information, please contact ER.GO (tel. +39 051 19907580) or send a message via "Scrivici" on the [ER.GO website](#).

Art. 12 - COMPATIBILITY AND INCOMPATIBILITY

Attending a PhD programme implies a full-time and exclusive commitment for PhD candidates.

More information on PhD programme attendance and the related compatibility/incompatibility rules are disciplined by the University PhD Programme Regulation.

Art. 12 - OWNERSHIP OF RESULTS

Intellectual and industrial property rights over any result achieved by PhD candidates (e.g. including software, industrial inventions - whether patentable or not - know-how, models, data and data collections, etc.) are disciplined by the relevant National Legislation into force, the University internal regulations, and other agreements signed between the University and third parties if any.

PhD candidates are always required to communicate immediately to the PhD Programme Coordinator any accomplishment, by committing themselves not to disclose any result nor use without an explicit prior authorization from the University.

Equally, PhD candidates must sign a confidentiality agreement including any information, data, and confidential documentation that may come to their attention throughout all the activities performed at the University or on behalf of the University itself.

In any case, PhD candidates are allowed to ordinary publishing activities, consistently with their training programme expectations. Those publications will have to be programmed in a way which ensures the protection of the related research results as well.

Art. 13 – PROCESSING OF PERSONAL DATA

In accordance with art. 13 of the EU Regulation 2016/679, the processing of the personal data provided by the applicants, participating to the selection procedure, or acquired for this purpose, by the University aims to carry out only the activities of the selection procedure. Data will be managed by the people in charge of the selection procedure, including the Admission Boards, in the manner and within the limits necessary to achieve the above mentioned purposes, and may also be communicated to third parties. The legal basis of the treatment is to be found in the articles 6, paragraph 1, letter c) (processing for legal obligations) and e) (processing for reasons of public interest) and 9, paragraph 2, letter g) (processing for reasons of public interest) of Regulation EU 2016/ 679. The provision of data is essential to allow enrollment and any refusal to provide them will make it impossible to proceed with any admission to PhD programmes.

The University will keep and use the personal data and contacts provided by the PhD candidates enrolled to the University, also after the completion of the selection procedures, for operational, administrative, accounting and/or other purposes related to the management of institutional activities and legal obligations, as well as for the disclosure of any opportunities to the successful applicants (scholarships, awards, etc.).

Applicants have the right to access their personal data, to request amendments, elimination, limitation of treatment, as well as to object to the processing of the above mentioned data by addressing their requests to privacy@unibo.it.

Those who believe that the processing of their personal data is in violation of the provisions of the Regulation mentioned above may lodge a complaint to the Authority for data processing (in Italian *Garante*) or refer to the competent court.

The data holder is Alma Mater Studiorum - University of Bologna (registered office: via Zamboni n. 33, 40126 - Bologna, Italy; e-mail: privacy@unibo.it; PEC: scriviunibo@pec.unibo.it).

The contact details of the Personal Data Protection Officer are: registered office, via Zamboni n. 33, 40126 - Bologna, Italy; e-mail: dpo@unibo.it; PEC: scriviunibo@pec.unibo.it.

For further information, please consult the information available on the [University website](#).

Art. 14 - LEGAL FRAMEWORK CONCERNING DOCTORAL STUDIES

For anything not covered by the present Call, refer to the current University PhD Programme Regulation and to the Ministerial Decree 226/2021.

By applying for the admission to a PhD programme at the University of Bologna through the online procedure referred to in [Art. 3](#), applicants tacitly agree to be subject to the rules of the present Call, the University PhD Programme Regulation and M.D. 117/2023 and 118/2023 in addition to the specific obligations foreseen in the relevant funding scheme and in the relevant regulations applying to each specific PhD position.

Responsible for the present administrative procedure

Dott.ssa Alice Trentini – AFORM – Education and PhD Administrative Division (e-mail: aform.udottricerca@unibo.it; PEC: scriviunibo@pec.unibo.it).