



DECRETO DEL RETTORE

Anno Accademico 2020/2021

N. 392 del 26/07/2021

RELAUNCH OF TERMS REGARDING THE INVITATION TO TENDER, BASED ON QUALIFICATIONS AND INTERVIEW, FOR ADMISSION TO THE DOCTORAL COURSE ON ARTIFICIAL INTELLIGENCE - HEALTH AND LIFE SCIENCE AREA (PHD-AI.IT) XXXVII CYCLE - ACADEMIC YEAR (A.Y.) 2021-2022.

The RECTOR

- Considering** the Statute of 'Università Campus Bio-Medico di Roma';
- Considering** Article of law 30/12/2010 no. 240, containing regulations regarding the organization of universities, academic staff and recruitment, as well as the mandate to the Government promoting the quality and efficiency of the University system;
- Considering** the Rectoral Decree 24/04/2020 no. 276, with the issue of the Regulations regarding PhD Courses of the Università Campus Bio-Medico di Roma, pursuant the provisions established by the Law no. 240/2010;
- Considering** the Rectoral Decree n. 296 of 14 June 2021, Notice published in the Official Gazette - 4th Special Series - Public exam n. 49 of June 22, 2021, with which the Doctoral Course on Artificial Intelligence - Health and Life Science Area (PHD-AI.IT) was established for the Academic Year 2021/2022, XXXVII cycle, with the Bio-Medical University Campus as administrative headquarters - Doctor of Rome;
- Considering** the Rectoral Decree n. 382 of 16 July 2021, with which the Rectoral Decree n. 296 of June 14, 2021 mentioned above;
- Considering** that the aforementioned Rectoral Decree n. 296 of 14 June 2021 reported as deadline for submitting applications to be at 12:00 p.m. on 23 July 2021;
- Considering** that, due to mere material error, the aforementioned Notice published in the Official Gazette and the on web page in the English language, reported as deadline for the submission of applications to be at 1:00 p.m. on 23 July 2021, instead of 12:00 p.m.;
- Considering** the interest in ensuring maximum participation even to those who, although potentially interested, were unable to submit an application due to the aforementioned mere clerical error;

HEREBY DECREES

Article 1 (Subject of the Call for Applications)

1. Deadlines for the submission of applications regarding the invitation to tender, based on qualifications and interview, for admission to the Doctoral Course on Artificial Intelligence - Health and Life Science Area (PHD-AI.IT) XXXVII Academic Year 2021/2022 cycle are relaunched , at the Bio-Medical University Campus of Rome.



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2. Therefore, the procedure for compiling and electronically submitting the application will be relaunched **from 12:00 p.m. on 3 August 2021 to 12:00 p.m. on 2 September 2021.**

Article 2
(Admission Requirements)

1. Applications to participate in the selection procedure for admission to this PhD course, as stated in article 1, regardless of age and citizenship, can be submitted by candidates who have the requested qualification, detailed as follows:
- 5-year University Degree (past University organization) earned with the previous Italian legislation or a Master's Degree achieved according to Ministerial Decree 3/11/1999, no. 509 or a Master's Degree achieved according to Ministerial Decree 22/11/2004, no. 270;
 - foreign degree equivalent for duration and contents to an Italian degree and acknowledged as adequate. Candidates having a suitable academic certificate which has not been recognized as formally equivalent yet, have to specify that they hereby apply for the validation of such certificate by the Evaluation Committee of this PhD course after submission of their application, according to the rules specified in the following article 3 of the hereby announcement;
 - Master Degree or an equivalent foreign academic title formally assigned by and no later than **October 31st of the current year**. If the applicant is successful, a "Conditional Offer" will be made. If the degree is earned in Italy, a self-certification of the academic title has to be submitted (self-certification in accordance with Rectoral Decree 28/12/2000 no. 445) to the Università Campus Bio-Medico di Roma Evaluation Committee, within October 31st 2021, otherwise forfeit. If the academic title is achieved abroad, Italians and European nationals can submit a self-certification, whereas non-European citizens should follow the procedures provided for by the following article 3;
 - are enrolled in the last academic year of a medical or healthcare area school of specialization.
2. Applications duly submitted within the deadline on 23 July 2021 (12:00) provided by the Rectoral Decree n. 296 of 14 June 2021, are valid for all purposes, it being understood that those who have already sent the application in this way can possibly integrate the documentation, replacing the application already submitted, within the deadline at 12:00 p.m. on 2 September 2021 and in compliance with procedures established by art. 4 of the Rectoral Decree n. 296 of June 14, 2021.
3. **In any case, even pursuant to the relaunch of terms, all qualifications and participation requirements must be possessed by the candidates as of 23 July 2021 (12:00 p.m.).**
4. The University administration reserves the right to check the truthfulness of the submitted declarations, to request the original documents and may decide to exclude from the selection those applicants who fail to meet the requirements laid down by this call for applications, at any moment, based on consistent reasons for such provision.

Article 3
(Admission Application)

1. The application form, together with any qualifications, documents and, if any scientific publications, should be submitted **on pain of exclusion, exclusively by electronic means**, using the specific online application procedure available at the following webpage "Selection Procedures" of the UCBM website: <http://www.unicampus.it/didattica/offerta-formativa/dottorati-di-ricerca/bandi-di-concorso>.

In order to register for the online application, candidates must provide an email address. The candidates should submit all the data required to file the submission and attach the documents described in the following paragraphs of the present article accordingly, in electronic form.
Applications and all related documentations may not be submitted in any other form.



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2. Within the deadline for the submission of the application, the system allows to save data and uploaded documents in draft mode. The date of the telematics submission of the application for the selection is certified by the computer system by means of a receipt automatically sent to the email address declared by the candidate.

After the deadline the system will not allow access and dispatch of the electronic form any longer.

3. An identification number will be assigned to each submission that, together with the selection code indicated in the electronic application, shall be specified in all future communications.

4. **The preparation and data transmission procedure of the application** shall be completed by and not later than 12.00 (noon) of 2nd September 2021.

5. Should the above deadline fall on a holiday, it will be automatically brought forward to 12.00 (noon) of the first working day following this deadline.

6. Candidates are requested to pay a fee by bank credit transfer, amounting to **Euro 30,00 which should be paid c/a no. 5130 in favour of Università Campus Bio-Medico di Roma (Rome Bio-Medical Campus University by Intesa Sanpaolo S.p.A., Rome Branch, Via dei Crociferi, 44 - 00187 Rome, IBAN Code: IT9300306905258100000005130, SWIFT/BIC Code: BCITITMM, indicating the following compulsory payment description: "Surname, Name, Concorso Dottorato Nazionale in Intelligenza Artificiale (Area Salute e Scienze della Vita)".** The above payment is not refundable under any circumstances.

7. The application form has to be **completed in full**, as indicated in the online application procedure and has to include, in detail:

a) where the candidate will prefer to carry out the PhD research activity selecting up to maximum two options out of those listed in Annex A of the current call, in agreement with the topics pertinent to the overall themes of the call, and with other specific topics pertinent to the fellowship chosen by the candidate.

b) **complete personal data:** name and surname, place and date of birth, personal identification number (Italian citizens only), residence and contact used for the application (zip/post included), contact number and email address to which formal communications can be sent.

c) **nationality;**

d) self-declaration of holding of a 5-year University Degree (past University organization) or a Master's Degree, as reported in article no. 2 of the current call, specifying the graduation date, the name of the University where the title has been achieved, the official duration of the course expressed through the number of academic years needed and the final score obtained;

e) self-declaration of equivalence **for the titles earned abroad**, as reported in article no. 2 of the current call. Should this declaration be missing, **the candidates in possession of the qualification title earned abroad and not yet acknowledged**, may ask for its equivalence to the PhD Evaluation Committee, which will release a verbal declaration of equivalence, for the sole purpose of the selection. The following documents must accordingly be attached to the submission, either in the Italian or English language:

- copy of the certificate earned abroad;

- certificate or declaration of the applicant indicating the exams taken and relative marks.

f) **the declaration in lieu of an oath** confirming the veracity of the statements made, the personal data given and the truthfulness of the titles exhibited, as to the Presidential Decree 28/12/2000 no. 445.

Candidates with disabilities in accordance with Law No. 104 (dated 5/02/1992) must make a formal request in order to receive the necessary assistance according to Art. 20 of the above-cited law.

Candidates applying for admission to the PhD should also include a declaration stating:

a) to have not been convicted or found guilty of any criminal offence;

b) to be a citizen with full rights;



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- c) to have an adequate knowledge of the English language;
 - d) any enrollment in a medical or healthcare specialization area school specifying the academic year of enrollment, the academic year attended in which they are currently enrolled, the complete duration of the course and the name of the University where the course is attended;
8. The following documents shall be attached to the application form, in PDF format:
- the curriculum vitae;
 - a brief description of a research project related to the general topic of the call and to any specific topics of the scholarships chosen by the candidate (maximum 3 pages A4 format, minimum font 12). Such project must not necessarily be the focus of the PhD course, but must clearly show research skills and a basic knowledge of research methods;
 - publications and other degrees or certifications;
 - copy of the payment made according to paragraph 6 of the present article, under penalty of exclusion from the selection procedure.
9. The successful candidates who are employees of companies engaged in high-qualification activities (industrial doctorate), who have signed a specific agreement with the Campus Bio-Medico University of Rome, must attach a service certificate or a self-certification to their application (self-certification in accordance with Rectoral Decree 28/12/2000 no. 445) proving the employment relationship.
10. Candidates wishing to participate in more than one PhD course should submit separate applications (with separate payments) for each PhD course selected.
11. The submission of the application has to be finalized according to the following procedures:
- **By means of digital signature**, using smart card, USB drive or remote signature able to entitle the holder to undersign general documents using a signature software on PC or a web portal for the Remote Digital Signature made available by the Certification Authority. Those who own a smart card or a USB drive of their Digital Signature could verify the compatibility with the Digital Signature system integrated into the server system. In case of positive result, the holder may undersign the application directly in the server;
 - **Those who do not own compatible Digital Signature devices and Remote Digital Signature Holders** may access to an internet portal for the submission of general documents, must save the PDF file generated by the system in their PC, **without in any way modify it**, and sign it digitally in CAdES format: a .p7m file will be generated and uploaded in the system again. Any change produced to the file before the application of the Digital Signature will prevent the automatic check of the conformity between the content of this document and the original, which would lead to the rejection of the submission;
 - **Where the use of one of the above mentioned options is not possible**, the candidate should save the PDF file produced by the system in her\his PC and, **without in any way modifying it**, print it, affix complete handwritten signature on the last page of the form and initials on every former page. The copy of a valid candidate's personal ID has to be added also to the signed document. Such complete document, after having been produced in PDF and scanned, should be uploaded to the system.

Art. 4

(Evaluation Committee)

1. The **Evaluation Committee** responsible for assessing the candidates for the PhD Competitions, according to Article 1, will be settled according to the PhD internal Regulations as approved by Rectoral Decree 24/04/2020 no. 276.



Art. 5
(Selection Procedure)

1. The applicants regularly enrolled in the call are eligible for the PhD-AI.IT course - area Health and Life Sciences upon agreement of the **Evaluation Committee** and depending on the total number of positions available.

The evaluation will take place according to the following selection criteria:

- a) overall evaluation of the profile of the candidate, including research skills related to the general topic of the PhD-AI.IT course and to any other specific topics associated to the scholarships chosen by the candidate, as detailed in the documentation included in the application;
 - b) evaluation of the research project. For the successful candidates, the research project to be completed during the PhD will be defined at a later date by the candidate in conjunction with her/his PhD Supervisor and will need to be approved by the PhD Academic Board;
 - c) interview, aimed to establish the candidate's knowledge and research aptitude in the relative scientific field.
2. The Evaluation Committee will assign a maximum score of **60 points** to each of the candidates, assigned as follows:

a)	0-20 points	CV
b)	0-10 points	Research project
c)	0-30 points	Interview

3. Applicants must score at least 20 out of 30 points, summing the scores obtained for the CV evaluation and for the research project, in order to be admitted to the interview.
4. The list of candidates admitted to the interview will be published at least 5 days before the examination on the webpage: <http://www.unicampus.it/didattica/offerta-formativa/dottorati-di-ricerca/bandi-di-concorso>.
5. **The dates of interviews will be published by 10 August 2021, on the webpage: <http://www.unicampus.it/didattica/offerta-formativa/dottorati-di-ricerca/bandi-di-concorso>.** The interview will take place according to the calendar which will be published on the following webpage: <http://www.unicampus.it/didattica/offerta-formativa/dottorati-di-ricerca/bandi-di-concorso>. Candidates will not be directly notified and will not receive any further personal communications.

Candidates must attend the interview electronically on the **Microsoft Teams** platform.

The candidates must be available at the date and time indicated. At that moment the candidates must show the same valid ID that was included in the application. Failure to connect at the established time or to exhibit valid ID will result in the automatic exclusion of the candidate from the selection procedure.

Interviews will be held by the Evaluation Committee which will also assess language skills of the languages indicated in the application form.

The interview is passed with a minimum score of 20 out of 30 points.

6. The successful candidates must obtain a total score of at least **40 out of 60 points**, according to the table provided above in point 1.



Art. 6
(Definition of the rankings)

1. The Evaluation Committee responsible for assessing the candidates for this doctoral course, after having evaluated all the applicants and on the basis of the criteria set out in article 5, will draw up the final PhD-AI.It course Ranking List.
2. The Ranking List is structured in a decreasing order, as a result of the sum of the scores as reported in letters a), b) and c) of paragraph 2, article 5.
3. The applicants included in the ranking are declared successful candidates if complying with the conditions required in article 2.
4. The Rector, with a special Decree, assesses the regularity of the file records of the selection procedure and formally approves the Ranking List.
5. The candidates who earn a score lower than 40/60 are not considered successful and are excluded from the Ranking List. In case of an even score for two or more applicant positions, priority will be given to those candidates having a weaker economic situation.
6. The final Ranking List will be published on the University Competitions webpage, by the 30th of September 2021, at the following address: <http://www.unicampus.it/didattica/offerta-formativa/dottorati-di-ricerca/bandi-di-concorso>.
7. **No personal communications related to the present selection procedure will be directly sent to the candidates. The publication of the Ranking List and of the related rectoral endorsement decree on the University web site shall have the effect of an official communication to all the candidates concerned.**
8. Should Campus Bio-Medico University of Rome be the winner of additional scholarships pursuant to the Public Notice of the Lazio Region "Intervento per il rafforzamento della ricerca e innovazione nel Lazio - incentivi per i dottorati di innovazione per le imprese e per la PA" - L.R. 13/2008, such scholarships shall be awarded in compliance with the requirements set out in the aforementioned notice, which could be also based on the Ranking List of this doctoral course and on the relevance of the topics of such additional scholarships to the candidate's curricular suitability".

Art. 7
(Admission to the Doctoral Course and Enrollment)

1. Candidates will be admitted to the doctoral course according to the order of ranking and based on the number of the positions available for this PhD-AI.IT – area Health and Life Sciences course.
2. For Enrollment, candidates admitted to the course must proceed with the registration, following the instructions supplied by a public announcement which can be retrieved on the University web site at the address: <http://www.unicampus.it/didattica/offerta-formativa/dottorati-di-ricerca/bandi-di-concorso>. The publication of this announcement has to be intended as a formal notification to all those candidates interested in this procedure.
3. Candidates who do not finalize the enrollment procedure in due time will, according to point 2, be considered as renouncers. In concurrence with contingent renunciations among the candidates entitled, by and no later than 30 days from the beginning of the course, the same number of candidates will be replaced based on the ranking list order. These candidates will be informed via direct email communication.
4. The enrollment in the PhD Courses is not compatible with the simultaneous enrollment in undergraduate or master degree courses, non-medical or healthcare area specialization courses, or other PhD courses, both in Italy and abroad.



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The students already enrolled in the above mentioned courses, who, legitimately, intend to enroll to this PhD course, are obliged to ask for a temporary interruption of their scholastic career. Pursuant to Act 30/12/2010, no. 240, the combined attendance of the PhD course and the last academic year of a medical or healthcare area specialization course is allowed, with the consequent reduction to a minimum of two years of the PhD course in accordance with the following general criteria:

- a) the PhD student must prove to be eligible for the admission to the PhD course at the same Università Campus Bio-Medico di Roma where she/he attends the medical or healthcare area specialization school;
 - b) the combined attendance can be arranged during the last year of the specialization school and must be consistent with the activities and the commitment expected by the school as a result of a clearance issued by the Board of the specialization school itself;
 - c) PhD Academic Board may approve the request for a reduction of the duration of the PhD course to two years, as a result of the assessment of the research activities already carried out throughout the specialization course as certified by the Board of the specialization school itself;
 - d) during this year of combined attendance the PhD student cannot receive the PhD scholarship.
5. Consequently, in case of combined attendance, the PhD course will consist of a first year of combined attendance (doctorate and specialization) and two following years of exclusive attendance of the PhD course.

Art. 8 (Scholarships)

1. Details of scholarships will be available in the Annex A of the announcement. Each scholarship is theme-bound, and the PhD student shall perform the research activities on such specific theme at the headquarters of the related university\institution, as also indicated in Annex A. Preferences as indicated by the candidate at the time of application, will not represent a bond for fellowship assignment.
2. In respect to the candidate(s) ranking and considering preferences given by the candidate at the time of application for this Call, scholarships will be assigned, according to the number listed in Annex A, to candidates possessing titles, and ultimately conferred after checking the scrolling list.
3. Scholarships shall be valid for one year and are renewed provided that the PhD student has completed the activity program planned for the previous year, verified according to the procedures established in the subsequent article no. 10, without prejudice to the commitment to grant the scholarship after the positive assessment of the verification, until the actual PhD course expected duration.
4. The annual scholarship amounts to Euro 15.343,28 and does not include social security charges to be paid by the PhD student. This amount will be increased by no more than 50 percent for a period of no longer than 18 months if the PhD student will be authorized by the PhD Academic Board to move abroad to carry out research activities related to her/his PhD project.
5. Starting from the second year of the PhD course and for each year until the expected duration of the course, each PhD student, in addition to the scholarship and within the available financial resources in the budget of the accredited entities, as based on the current legislation, will have available an additional budget for carrying out research activities in Italy and abroad, as adequate to the type of course. To this aim, in any case not less than 25% of the scholarship is ensured. If the PhD student receives a negative assessment for the renewal of the scholarship by the PhD Academic Board or if she/he renounces, the unused amount will be made available to the Institution for similar purposes.
6. PhD students who are awarded a scholarship are not eligible for other scholarships, with the exception of scholarships awarded by Italian and foreign Institutions that the PhD Academic Board



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deems to be useful in integrating the training of PhD students and their research activity, pursuant to an explicit resolution.

7. As part of the training project, subject to approval by the PhD Academic Board and without any increase of the scholarship, PhD students may act as tutors in the Bachelor and in Master Degree courses as well as participate in supplementary teaching activities for no more than forty hours per academic year.
8. After the third year of the PhD, the limit as described in the previous paragraph is repealed. PhD medical students may participate in clinical and other healthcare-related activities.
9. The PhD scholarship is subject to payment of I.N.P.S. social security contributions for self-employed workers pursuant to article no. 2, paragraph 26, of Law 08/08/1995 no. 335 and following modifications, two-thirds of which will be paid by the University administration and one third by the scholarship holder. PhD students will benefit from all related protection and rights.
10. Female PhD students are entitled to application of the maternity protection provisions pursuant to Decree Of the Minister of Labour and Social Welfare 12/07/2007, published on The Official Gazette 23/10/2007 no.247.
11. If the PhD student renounces or if an order of expulsion is issued by the Rector upon proposal of PhD Academic Board due to serious defaults while performing the PhD training and research work or to false statement, the scholarship will be revoked.
12. Scholarship not awarded to winners of the competition will be allotted to eligible candidates according to their ranking in the related Ranking List.

Art. 9

(Contributions and Exemptions)

1. PhD students holding a scholarship and an industrial doctorate are required to pay the registration fee of € 200.00, to be paid at the time of enrolment or renewal of registration, according to the instructions published on the following University webpage <http://www.unicampus.it/didattica/offerta-formativa/dottorati-di-ricerca/bandi-di-concorso>

Art. 10

(Obligations of PhD Students)

1. Admission to the PhD implies an exclusive full-time commitment, in compliance with the University Code of Ethics, without prejudice to the possibility of specific regulations pursuant to the provisions of articles 7 and 11 of the Ministerial Regulations, as regards civil servants admitted to PhD courses.
2. At the end of each year, PhD students have to submit a written report to the PhD Academic Board regarding the training and research activities performed and, if necessary, discuss it as prescribed by the above-mentioned Board. The Board, by motivated and consensus decision and after consultation with the supervisor of the PhD studente, proceeds with admission to the following year or to the final exam, or rather, if the activities carried out have been proved not to be sufficient, the Board may suggest to the Rector to issue a measure of exclusion from the continuation of the PhD course.

Art. 11

(Awarding of the qualification)

1. At the end of the PhD course and after the student has passed successfully the final exam by receiving a positive assessment of a dissertation in which the candidate demonstrates to have extensive knowledge in the field of the PhD topic, each of the participating university, jointly with the others, will issue to the student the title of Doctor of Research, abbreviated as "Dott. Ric." or



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“PhD”. The PhD dissertation, including a summary in English or Italian, may be written in Italian or English or in another language after approval of the PhD Committee Board. The PhD student has to enclose in the final dissertation a report on the activities performed during the course and the list of related publications for which she/he has been author\co-author. The dissertation has to be assessed at least by two highly qualified experts on the topics dealt with the PhD research project, also members from foreign Institutions, unrelated to the parties who contribute to grant the PhD Title, hereinafter referred to as assessors.

The evaluators are appointed by the PhD Academic Board. The evaluators issue a written analytical judgment on the dissertation submitted by the PhD candidate and they can propose either that she/he could be admitted to public discussion or that the discussion must be postponed for a period no longer than six months if in their opinion significant integrations or corrections are considered necessary. After this period, the dissertation is admitted to public discussion in any case, accompanied by a new written opinion by the same assessors, based on corrections or integrations possibly produced. The public discussion will take place in front of an Examining Board consisting of the PhD Coordinator and at least two other experts highly qualified on the topics dealt within the dissertation, also members from foreign Institutions, unrelated to the parties who contribute to grant the PhD Title.

2. The Examining Board is appointed by the Rector upon a proposal from the PhD Academic Board. PhD students admitted to the public discussion should make/let the dissertation available to the commissioners at least 15 days before the discussion itself. Following the discussion, the dissertation is approved or rejected based on a collegial and justified written judgment. The Examining Board, by unanimous vote, may decide to award full marks with honour if results of particular scientific relevance are present. The same Board may examine and express an opinion on multiple PhD dissertations, also at different dates, provided that each dissertation is discussed and assessed independently by each other. The title of Doctor of Philosophy is awarded by the Rector upon recommendation of the Examining Board. Should the PhD dissertation be published, it must bear the words “Dissertation for obtaining the PhD (*name of the course*) at Università Campus Bio-Medico di Roma”.

Art. 12

(Personal data handling)

1. All personal data provided by candidates will be used only for purposes strictly connected and functional to the management of the selection procedure, in accordance with the regulations in force and upon formal agreement of the students themselves.

Art. 13

(Responsible for procedure)

The accountable person for the administrative procedure is Rosa Maria Lauretta, Head of Recruiting Office, Human Resources Department, e-mail: concorsi@unicampus.it.

Art. 14

(Final Provisions)

1. As regards any matters not specifically expressed by the present call, above-mentioned laws and provisions shall apply, as well as the laws in force concerning this matter.



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Art. 15
(Dissemination of the call)

1. The present call is available on the following websites:
 - Official website of Università Campus Bio-Medico di Roma:
<http://www.unicampus.it/didattica/offerta-formativa/dottorati-di-ricerca/bandi-di-concorso>;
 - Official website of the Ministry of University and Research: <http://bandi.miur.it>;
 - Official website of the European Union: <http://ec.europa.eu/euraxess>.

Rome, July 26th 2021

General Manager of the University
signed Dr. Andrea Rossi

The Rector
signed Prof. Raffaele Calabrò

Digitally Signed Document