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## UNIVERSITÀ DEGLI STUDI DI BARI ALDO MORO

Rector Decree N. 1936

### THE RECTOR

CONSIDERING the Statute of the University of Bari Aldo Moro;  
 CONSIDERING the Law of 3 July 1998, No. 210, in particular Art. 4;  
 CONSIDERING the Legislative Decree of April 11, 2006, No. 198 “Code of Equal Opportunities between men and women”;  
 CONSIDERING the Law of December 30, 2010, No. 240 and in particular Art. 19;  
 CONSIDERING the D.M. No. 45 of 8 February 2013 “Rules on accreditation of doctoral venues and programmes and criteria for the institution of doctoral programmes by accredited bodies”;  
 CONSIDERING the Ethical Code of this University;  
 CONSIDERING the Regulations of the University of Bari on PhDs, issued by D.R. No. 1154 of 19 April 2018;  
 CONSIDERING the Didactic Regulations of the University of Bari Aldo Moro;  
 CONSIDERING the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 (General Regulation on Data Protection);  
 CONSIDERING the Italian Ministerial Decree No. 40 dated 25 January 2018, which set at € 15.343,28 the annual amount of the doctoral scholarship, starting from 1 January 2018;  
 CONSIDERING note no. 3315 of 1 February 2019 by which the Ministry transmitted the new Guidelines for the Accreditation of doctoral programmes;  
 CONSIDERING MIUR note protocol 653 of 20 March 2019 concerning the exception to requisites A4 of the new Guidelines 2019;  
 CONSIDERING note no. 7403 of 16 March 2021, by which MUR transmitted the operational guidelines on procedures for accreditation of doctoral programs for the academic year 2021-2022 – XXXVII cycle;  
 CONSIDERING the resolutions adopted by the Academic Senate and the Board of Directors in their respective meetings held on 24 April 2021;  
 ASCERTAINED that the accreditation proposals have been formally transmitted electronically to MUR and ANVUR by 27 April 2021;  
 CONSIDERING the INPS notice, available on the INPS website at the following link <https://www.inps.it>, concerning “Ricerca e selezione di dottorati di ricerca in materia di: - industria4.0, science statistiche e attuariali, sviluppo sostenibile, Inps e welfare” (Research and selection of research doctorates in the field of: Industry 4.0, statistical and actuarial sciences, sustainable development, INPS and welfare) for the provision of 100 doctoral scholarships, academic year 2020-2021, in favor of the children and orphans of retired users of the “Gestione dipendenti pubblici” (Public Employee Management) or members of the “Gestione unitaria delle prestazioni creditizie e sociali” (Unitary Management of Credit and Social Benefits);



- CONSIDERING the public notice no. 1/POC/2021 “Dottorati di ricerca in Puglia XXXVII Ciclo” (Doctoral Programmes in Puglia - XXXVII cycle), by which the Puglia Region aims to strengthen the higher education and research offer, ensuring that it is consistent with the regional production system needs, through the funding of additional regional scholarships for the attendance of phd courses XXXVII cycle accredited pursuant to D.M. 45 of 08.02.2013;
- CONSIDERING that, as a result of the submission of a single request for regional additional scholarships, not exceeding two thirds of the number of doctoral scholarships entirely funded by the University, for each Doctoral course to be activated for the XXXVII cycle, in case of positive evaluation and admission to the relevant funding, the number of positions with scholarships made available in the present call may increase and the aforementioned scholarships may be awarded to candidates according to the general merit ranking for admission to the doctoral programmes XXXVII cycle - for the academic year 2021-2022;
- CONSIDERING Law 11 December 2016, no. 232, Art. 1, paragraph 328 and paragraph 331, letter d, concerning the Departments of Excellence and the subsequent list of the 180 Departments that have obtained funding, as noticed by the Board appointed by Italian Ministerial Decree no. 262 of 11 May 2017, among which there is the Department of Veterinary Medicine of this University;
- CONSIDERING the Framework Agreement between the Polytechnic University of Bari and the University of Bari Aldo Moro signed on 02.12.2019 by which the Parties commit to establish joint Doctoral programmes from the XXXVI cycle and for the next two cycles;
- ASCERTAINED that starting from the XXXVI cycle the following Doctoral programmes have been established in agreement with the Polytechnic University of Bari:
1. Inter-university PhD program in “Sustainable Land Management”. Administrative headquarters: University of Bari Aldo Moro;
  2. Inter-university PhD program in “Aerospace Science and Engineering”. Administrative headquarters: Polytechnic University of Bari;
  3. Inter-university PhD program in “Industry 4.0.” Administrative headquarters: Polytechnic University of Bari;
- CONSIDERING the implementing agreements of the mentioned Framework Agreement entered into with the Polytechnic University of Bari that regulate the functioning and management of each Inter- university PhD program;
- CONSIDERING also the agreement this University entered into with the National Research Council and the Polytechnic University of Bari, that starting from XXXVI cycle, to establish and activate the PhD programme in “Mediterranean Archaeological, Historical, Architectural and Landscape Heritage: Integrated Systems of Knowledge, Planning, Preservation and Promotion” - Administrative headquarters: University of Bari Aldo Moro;
- CONSIDERING the memorandum of understanding and the agreements signed and/or undergoing for financing scholarships for activating positions for industrial doctoral programmes and apprenticeship for higher education;
- CONSIDERING the Tax Regulation on student fees for the academic year 2021-2022;
- CONSIDERING the Procedures for entry, residency and enrolment at higher education institutions for students requiring visas for higher education courses in Italy for the academic year 2021-2022 <http://www.studiare-in-italia.it/studentistranieri/>;
- ALLOWING FOR any eventual changes and/or additions to this notice that will be published exclusively at:<https://www.uniba.it/ricerca/dottorati/dottorato-di-ricerca-37degciclo-a-a-2021->

2022 and on the website of each doctoral programme, whose link is available on the [single profiles](#)

## DECREES

### PART I

#### CALL FOR ADMITTANCE TO PhD PROGRAMMES

##### Art.1 – INSTITUTION AND SELECTIONS

The XXXVII cycle of the Ph.D. Programme has been established for academic year 2021/2022 at the University of Bari Aldo Moro with the present call regulating admission to the following three-year Ph.D. programmes:

1. Biodiversity, Agriculture and the Environment
2. Biosciences and Biotechnology
3. Rights and Protection in Globalized Markets
4. Mediterranean Rights, Economies and Cultures
5. Rights, Institutions and Safeguards in Transitional Societies
6. Economics and Finance of Public Administrations
7. Economics and Management
8. Physics
9. Geosciences
10. Sustainable Land Management
11. Computer Science and Mathematics
12. Humanities, Languages and Arts
13. Metabolism, Aging and Social Medicine
14. Applied Neurosciences
15. Mediterranean Archaeological, Historical, Architectural and Landscape Heritage: Integrated Systems of Knowledge, Planning, Preservation and Promotion
16. Animal Health and Zoonosis
17. Public Health, Clinical Medicine, and Oncology
18. Chemical and Molecular Science
19. Pharmaceutical Science
20. Soil and Food Sciences
21. Human Relations Sciences
22. Humanities
23. Transplantation of Tissues and Organs and Cellular Therapies



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According to Ministerial Decree 45/2013, the above mentioned PhD courses will be activated after verification of the possession or maintenance of accreditation requirements by the Ministry of University and Research. Winners will therefore only be able to register following this ministerial review.

For each PhD programme described in attachments 1 to 23, which form an integral part of this call for applications, the following information are indicated:

- the Administration Department;
- the number of positions with and without scholarships which will be assigned according to the specific merit rankings of the Course, considering the eventual distribution per Curriculum;
- the number of potential apprenticeship contracts;
- the number of positions of the industrial doctoral programmes;
- the number of positions dedicated to candidates with degree obtained at foreign universities;
- the number of positions reserved to those holding a scholarship in specific programmes of international mobility;
- the number of positions reserved to candidates with degrees from foreign universities established in the funding institution "Budget Miur Department of Excellence";
- the eventual curricula;
- the admission procedures, examination schedule, the location of the examinations as well as further admission requirements.

The number of positions and scholarships listed in the attachments may be increased as a result of funding by public and/or private bodies.

All scholarship positions given by other funding bodies or received by Department, as well as the industrial PhDs and higher education apprenticeship will be activated as soon as the agreement is fulfilled. Each agreement regulates the organization of the Course, the specific funding management and the resources available by the partners for each Course, the relationships and obligations of the Parties and the doctoral students who will have to fulfill their duties.

Supernumerary students may be admitted even after the completion of the examinations, if they are provided with foreign Bodies funds or under specific international cooperation and/or mobility programmes. Admission is, however, subjected to a positive judgment of the candidate's eligibility by the Academic Board (Collegio dei Docenti) who will establish the modalities and criteria for evaluation.

This call thus serves as official notification, and candidates are therefore required to present themselves without prior notice at the venue on the day and time indicated for each Ph.D. programme referred to the attached sheet of this decree.

The absence of the candidate, for whatever reason, will be considered as withdrawal from the call.

Any changes, updates or additions to the content of this call will be made available exclusively at the website: <https://www.uniba.it/ricerca/dottorati/dottorato-di-ricerca-37degciclo-a-a-2021-2022> and on the website of each doctoral programme, whose link is available on each single profile.

## **Art. 2 - ADMISSION REQUIREMENTS**

Candidates holding one of the following qualifications are eligible regardless of their citizenship and age (with the exception of those candidates who apply for an apprenticeship who must not be over 29):

- degree awarded under the system "vecchio ordinamento" in place prior to the one introduced by Ministerial Decree(D.M.) no. 509 of 03 November 1999, amended by Ministerial Decree (D.M.) no. 270 of 22 October 2004;
- "laurea specialistica" or "laurea magistrale" (second cycle degree);
- second-level academic qualification ("titoli accademici di secondo livello") awarded by Institutions belonging to the AFAM ("Alta Formazione Artistica e Musicale") sector;
- master's degree awarded abroad, recognised as such solely for the purpose of admission to the competition.



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### A) Admission to the selection for the candidates with an academic degree conferred abroad

Those in possession of a degree from a foreign university which has not yet been declared equivalent to an Italian degree will have to apply for their equivalence solely for the purposes of admission to the Ph.D. programme for which they intend to apply.

In such case, in order to allow for assessment of the qualification, application for participation must be accompanied, by the following documentation:

- **(In the case of Italian and EU citizens)** Self-certification, according to D.P.R. 445/2000 and subsequent modifications, of the academic qualification obtained with details of examinations, the relative results and the legal duration of the programme.
- **(Non-EU citizens)** A certificate attesting to the academic qualification obtained with details of examinations, the relative results and the legal duration of the programme together with a translation into Italian. The translation must be signed under the applicant's own responsibility in order to allow the qualification to be recognized.

The suitability of qualifications obtained abroad will be evaluated by the Judging Commission in accordance with the regulations in force in Italy and in the country where the qualification was obtained and relative treaties and international agreements on the recognition of qualifications for the continuation of studies.

In case of admission to the Ph.D. programme, applicants must submit, within 60 days from the date of registration, the following documentation:

- Curricular qualifications translated into Italian and legalized by the relevant Italian diplomatic or consular representations abroad;
- "Certificate of equivalence of qualification" of the foreign qualification issued by the relevant diplomatic or consular representations abroad.

In case of doubts about the qualification validity, the University also reserve the right to request the "Certificate of equivalence of qualification" to those who have obtained a qualification in a European Union country.

### B) Admission to the selection for candidates who have not yet received the degree.

Candidates who are going to obtain the qualification necessary for entry to the Ph.D. programme may also apply if they are to obtain their qualification by and no later than 31 October 2021. Failure to gain the relevant qualifications by this date will result in exclusion from the call.

These candidates will be conditionally admitted and will be required to deliver or send by and **no later than 2 November 2021**, self-certification (or certification in the case of qualifications obtained abroad) with date and signature, accompanied by a copy of a current valid photo ID document to the following address: *U.O. Dottorato di Ricerca, Il piano, Palazzo Ateneo, Piazza Umberto I, n. 1 – Bari, Italy* indicating:

- the name of the university issuing the qualification;
- date of completion of the qualification;
- type of qualification (specialist/master/old cycle degree, second level academic degree issued by institutions belonging to AFAM);
- final result.

In addition, those who have been admitted sub condizione will have to commit themselves to the recovery of the period of activities within the legal duration of the PhD courses according to the indications of the Academic Board (Collegio dei Docenti).

Candidates who, for whatever reason, do not communicate the obtainment of the relevant qualification by the deadlines indicated or who send incomplete, incorrect applications, by different means or to different addresses other than those indicated above will be excluded from the call.

## Art. 3 - APPLICATION AND ENTRY TO THE CALL



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The application for participation in the selection must be submitted using only the appropriate procedure made available at: <https://pica.cineca.it/uniba/dottorati37/domande/> **no later than July 8, 2021 at 12.00 pm (Italian time)** under penalty of exclusion from the selection.

Access to the procedure takes place on the PICA portal (Integrated University Competition Platform) which can be accessed upon registration or with SPID credentials, as indicated in the Guidelines.

Applications received in a different way than the one indicated will not be considered valid.

The registration fee for the competition is € 50.00; in the case of foreign applicants residing abroad, no payment is due. The entry fee is non-refundable for any reason.

The candidate must pay the fee by clicking on the "Paga con Pago PA" button and choosing as the payment method:

- Credit/debit card: for card payment
- Current account: for direct debiting your account
- Other payment methods: such as PayPal or Satispay

Candidates wishing to participate in more than one call must submit multiple applications each showing the relevant qualifications and necessary attachments along with payment for each individual application made.

All candidates are admitted to the competition, subject to verification that all requirements have been met.

The procedure for completing and submitting applications online can be carried out on any computer connected to the network.

Please note that any technical issues regarding the completion of call applications should be notified by sending a message to [uniba@cinca.it](mailto:uniba@cinca.it).

Applicants are invited to complete the application for participation in the call with sufficient time prior to the deadline of this call.

It is the responsibility of candidates to verify the correct conclusion of the procedure. Complaints will not be considered in the case of the malfunctioning of the IT system due to application overloads near the deadline.

The payment of the €50,00 call fee does not constitute right to admission to the call in the absence of a formal application, even if made by the deadline of the call notice.

To the application form must be attached, in pdf format, the documents required by the profile of the chosen course as well as:

1. substitute self-certification Statement relating to degree certificates:
  - **for graduate candidates:** self-certification statement (Art. 46 TU - DPR No. 445 of 28 December 2000) signed and dated, specifying the qualification type (old degree cycle/specialist/Master degree etc.), the date of award, the final result and the indication of the university issuing the qualification;
  - **for candidates who are to obtain their qualification by October 31, 2021:** self- certification statement (Art. 46 TU - DPR No. 445 of 28 December 2000), signed and dated indicating the university at which they are enrolled, the qualification type (old degree cycle/specialist/Master degree etc.), the name of the degree program, the list of the examinations taken along with their relative results and the expected graduation date. The same self-certification must also specify the weighted average of the marks of all exams taken up to the expiry date of this call (the weighted average is obtained by multiplying each result by the corresponding examination credits, adding the results obtained and dividing that sum by the total credits earned through exams with results);
2. signed and dated curriculum vitae;
3. numbered, signed and dated list of qualifications deemed useful for the call attached to the application;
4. numbered, signed and dated list of publications deemed useful for the call attached to the application;
5. qualifications the candidate considers relevant to the call;
6. single copy of scientific publications, numbered progressively; publications listed but not uploaded will not be considered;
7. photocopy of a valid ID document of the applicant.



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The application is to be considered in all respects by law as a self-certification, pursuant to Art. 46 and 47 of DPR 445/2000 and ss.mm.ii., the data contained therein and in the documents annexed thereto.

Once completed, the application must be printed, signed and reloaded in the procedure following the indications described in the online procedure. The lack of signature and/or ID is a reason for exclusion from the selection.

In the case of authentication with the use of SPID (Public Digital Identity System) credentials, it will not be necessary to sign the application.

Failure to choose the curriculum, where provided, results in exclusion from the competition. The application is submitted to the University automatically with the definitive closure of the online procedure. Therefore, no delivery or shipment of paper material to the Offices should be made.

At the end, the application will be registered and the submission confirmed by e-mail by the system.

The University may, at any time, on the basis of a reasoned decision by the Rector, exclude an application due to failure to meet the prescribed requirements, submission without the required signatures and/or for the lack of chosen curricula where required in the profiles.

Candidates with sensory and motor impairments as recognized in accordance with Law 104/1992 and successive modifications, candidates with a disability percentage of 66% or more in accordance with Law 68/1999 and candidates with recognized learning disabilities (“DSA”) in accordance with Law 170/2010 may, depending on their situation, apply for the support auxiliaries necessary for the carrying out of the call examination and/or additional time. Interested candidates must submit to this University, **by the deadline of July 8, 2021 at 12.00 pm (CET Italian time)** the request completed on the application accompanied by appropriate medical certification issued by the competent health authorities. The necessary aids cannot be guaranteed if the application is received after the deadline of this call. It should be noted that for candidates qualifying as having “DSA” learning disabilities and candidates with sensory and motor impairments in accordance with ex-Law 104/1992, the certification attached must have been issued within the last three years by organisations accredited by the national health service. Additional time will be granted upon request as governed by current legislation.

Call administration assumes no responsibility for misdirected communications due to the improper indication of addresses by the applicant, missing or late notification of a change of address indicated in the application, or for any postal or delivery issues attributable to third parties, due to either accident or force majeure.

#### **Art.4 – JUDGING COMMISSION**

The Judging Commission for the Ph.D. programme call will be nominated through a Decree by the Rector in compliance with rules governing research Ph.D. programs at the University of Bari Aldo Moro.

In the case of industrial curricula or industrial/intersectoral PhD educational programmes, the commission may be completed with an expert having proper knowledge, for each external body; the expert expresses a non-binding opinion on the theme appropriateness of the candidates.

The composition of individual Commissions will be published on the site following the deadline for the call at: <https://www.uniba.it/ricerca/dottorati/dottorato-di-ricerca-37degciclo-a-a-2021-2022>.

#### **Art.5 – THE CALL SELECTION PROCEDURE BASED ON QUALIFICATIONS AND EXAMS: CRITERIA FOR THE ASSESSMENT OF QUALIFICATIONS**

With regard to the call based on qualifications and exams, a total score of 20 points will be awarded for qualifications.

The categories of qualifications will be evaluated in terms of their relevance to the Ph.D. programmes and for which you apply, the maximum score attributable to each is as follows:

- ◆ Graduation assessment up to a maximum of **10 points** determined as follows:

Up to 100	0 points
101-104	4 points
105-107	6 points
108-110	8 points
110 with honours	10 points

For candidates who are to obtain their qualification by October 31, 2021, assessment will be calculated based on the weighted average of the results of all exams up to the expiry date of this call. If the candidate holds more than one degree, relevant to the course for which he wishes to compete, he must indicate the title to be taken into account for the evaluation by the Judging Commission.

- ◆ Up to a maximum of **4 points** may be awarded for scientific qualifications relevant to the subjects covered by the Ph.D. programme for which application is made:
  - Scientific publications (monographs, articles in scientific journals)
  - Minor Publications (national and international dissemination conferences, specific volume contributions, etc.)
- ◆ Up to a maximum of **4 points** may be awarded for academic and study qualifications relevant to the subjects covered by the Ph.D. programme for which application is made:
  - 1st or 2nd Level University Master, post-graduate specialization qualifications, specialised diploma qualifications;
- ◆ Up to a maximum of **2 points** may be awarded for:
  - Documented research activities at qualified Italian and foreign institutions relevant to the subjects covered by the PhD programme for which application is made.

The assessment of qualifications, after identification of the criteria, will be carried out after the written test and before the evaluation of the papers.

The qualifications and publications submitted may be collected by candidates 90 days from the publication of the merit rankings and within a period of 2 months following that date, subject to eventual appeals in progress. The documentation may be withdrawn personally or by a delegate. After the specified period has expired, in the case of non-collection, call administration may dispose of the materials in question.

Documents and certificates must be produced on unstamped paper according to Article 1 of Law No. 370 of 23 August 1988; if produced in a foreign language they must be accompanied by a certified Italian translation in accordance with the foreign text, produced by the competent diplomatic or consular representation or by an official translator.

Reference to documents and publications already submitted to this University is not permitted for any reason. Documents, qualifications or publications received by this University after the deadline for applications will not be considered in the call.

The University assumes no responsibility for misdirected communications due to the improper indication of addresses by the applicant, missing or late notification of a change of address indicated in the application, or for issues attributable to third parties, due to either accident or force majeure.

## **ART. 6 – THE CALL SELECTION PROCEDURE BASED ON QUALIFICATIONS AND EXAMS: EXAM PROCEDURES**

With regards to the call based on qualifications and exams, the admission test consists of a proper test in order to ensure a comparative evaluation and to ascertain the aptitude of the candidates for scientific research.





Without prejudice to the assessment of qualifications under art. 5, the exam procedures, specified in the doctoral profile attached to this call, involve one of the following modalities: A) written and oral examination; B) evaluation of the research project and oral examination; C) oral examination.

In the case of the exam procedure referred to in letter B), as well as where it is explicitly required in the annexed doctoral programme profile, the research project must be attached to the application, **under penalty of exclusion**.

The scores related to the various tests are given as follows:

	A)	B)	C)
<b>Qualifications score*</b>	<b>20</b>	<b>20</b>	<b>20</b>
<b>Written examination score</b>	<b>40</b>		
<b>Research project score</b>		<b>40</b>	
<b>Oral examination score**</b>	<b>40</b>	<b>40</b>	<b>80</b>

\* Up to 10 for the graduation mark

\*\* It includes the examination of the knowledge of English/other foreign language as well as the research project evaluation where required in the profile.

The subjects covered within the examinations relate to scientific disciplinary sectors which make reference to the Ph.D. programme.

In order to be admitted to the examination, candidates must have one of the following validation documents: National ID card, passport, driving license, boat license, weapons license, identification document, provided they include photographs and stamps or other equivalent marks issued by a state administration.

For foreign applicants, written and oral tests may, upon prior request, be carried out in English or in any of the other foreign languages specified in the Ph.D. programme.

For the written examination, candidates must use a black ink pen only.

An examination of the knowledge of at least one foreign languages indicated by the applicant is included in the oral examination from among those listed in the Ph.D. programme profile.

For apprenticeships and industrial doctorate positions in the annexes, the Commission will also examine the research topics outlined in the relevant profile at the end of the oral examination. without prejudice to the provisions of the following art. 9.

#### **A) Written and oral examination**

Each Commission, for the evaluation of each candidate, may award up to forty points for each of the two examinations, in addition to the qualifications score.

The day of the written examination, the Commission will inform applicants about the date and location in which they will be able to view the list of those candidates admitted to the oral examination.

The Judging Commission will formulate the list of candidates admitted to the oral test.

Before the oral examination, candidates will be informed of the scores obtained in the evaluation of qualifications and the result of the written examination.

Candidates passing the written examination with a score of no less than 27/40 will be admitted to the oral examination. Where stated in the single Ph.D. programme profile, the oral examination may also consist in a discussion of a research project.

The oral examination will be considered passed in cases in which the candidate has scored no less than 27/40. At the end of each oral examination session, the Judging Commission will formulate the list of candidates examined with an indication of results awarded.

This list, signed by the President and the Secretary of the Commission, will be posted on the same day on the notice board of the exam venue or published on the PhD web page specified in the profile.

#### **B) Evaluation of the research project and oral examination**



Each Commission, for the evaluation of each candidate, in addition to the qualifications score, may award up to forty points for the project evaluation and up to forty points for the oral examination.

The Judging Commission will formulate the list of candidates admitted to the oral test. Before the oral examination, candidates will be informed of the scores obtained in the evaluation of qualifications and in the evaluation of the project.

Candidates obtaining a score of no less than 27/40 in the project evaluation will be admitted to the oral examination. The oral examination will be considered passed in cases in which the candidate has scored no less than 27/40.

At the end of each oral examination session, the Judging Commission will formulate the list of candidates examined with an indication of results awarded.

This list, signed by the President and the Secretary of the Commission, will be posted on the same day on the notice board of the exam venue or published on the PhD web page specified in the profile.

### C) Oral examination

Each Commission, for the evaluation of each candidate, in addition to the qualifications score, may award up to eighty points for the oral examination.

Before the oral examination, candidates will be informed of the scores obtained in the evaluation of qualifications. Where stated in the single PhD programme profile, the oral examination may also be a discussion of a research project. The oral examination will be considered passed in cases in which the candidate has scored no less than 54/80.

At the end of each oral examination session, Judging Commission will formulate the list of candidates examined with an indication of results awarded.

This list, signed by the President and the Secretary of the Commission, will be posted on the same day on the notice board of the exam venue or published on the PhD web page specified in the profile.

### ONLINE EXAMINATION

The examination, due to the ongoing COVID-19 epidemiological emergency, may be taken online. In such cases, the email address specified by the candidate will be used by the Judging Commission to invite the candidate to join a “team” created via MICROSOFT TEAMS platform or other digital platform and thus allow him/her to take the exams. The operational indications will be provided close to the test and at least three days before, by public notice on the PhD programme web page specified in the profile of the doctoral course the candidate is interested in. Candidates are required to verify admission to the test on the date set for the communication of the results of the research project and, in the event that the examination is online, they must connect on the day and at the time specified in order to take it by videoconferencing via MICROSOFT TEAMS platform or similar, they must install the specified platform software on their own device and equip themselves with a webcam to allow for their identification before the test.

For those Courses that do not provide for a written examination, foreign candidates who are resident or domiciled abroad and all candidates who prove, giving an adequate reason, the impossibility of being in person at the place and time scheduled for the oral examination may require to take such examination online. In such cases, the candidate must submit a written request to be sent to the PEC address of the Department which is the administrative headquarters of the Course, specified in the single PhD programme profile as well as to the email address [dottorato@uniba.it](mailto:dottorato@uniba.it), by and no later than the third day before the examination date.

### Art. 7 – RANKING MERIT LIST FOR THE ADMISSION TO THE Ph.D. PROGRAMME

Having carried out the call examinations, the Commission will compile a general merit ranking based on the sum of the results awarded to each candidate in each examination.

At the end of the call procedure, the Rector, having ascertained procedure regularity, will approve the call acts and the relevant merit ranking and declare the successful candidates.

The merit ranking will be produced according to the order of the overall points for each candidate in the examinations and in the evaluation of qualifications.



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Successful call candidates will be declared, according to the limits imposed by the number of positions available, according to best performance in the merit rankings. Scholarships will be approved by Rector's Decree in accordance with the general merit ranking of each Ph.D. program. In any case, the specific provisions indicated in each Ph.D. programme profile will remain valid.

In the case of parity in the merit ranking lists for positions with scholarship, the evaluation of the economic condition prevails, determined in accordance with the D.P.C.M. 9.4.2001 and D.P.C.M. 5.12.2013 n. 159. In this case the candidate must declare his/her economic and patrimonial status (ISEE Dottorato di Ricerca). This declaration must be received within 20 days from the date of the publication of the ranking list. After the aforementioned 20 days, the candidate will be placed in the least favourable position in the merit ranking list. The candidate can present the ISEE declaration on his/her restricted family in accordance with D.P.C.M. n. 159/2013 art 8 co. 4.

In assigning positions without scholarship, the youngest candidate has the priority. In the event of tie between two or more candidates, preference will be given to the youngest candidate.

For reserved positions for graduates in foreign universities, the Commission will draw up a specific merit rankings according to the overall score obtained by each candidate. In the case of parity in the merit ranking list, the youngest candidate will prevail.

The declarations of approval of the acts and the relative merit rankings will be made public, through their communication on the notice board of the U.O. Ph.D., Ateneo Building of the University of Bari Aldo Moro, II floor, and through publication on the website following the selection procedure, at: <https://www.uniba.it/ricerca/dottorati/dottorato-di-ricerca-37degciclo-a-a-2021-2022>.

The above methods of publication act as formal notification to successful candidates. No communication will be sent to individual addresses.

#### **Art. 8 – ADMISSION TO THE PhD PROGRAMME**

Candidates will be declared successful according to the call merit rankings and according to the number of positions made available for each Ph.D. programme.

In the case of withdrawal by successful call candidates, the call administration will proceed to nominate the next most successful candidate according to the order of the merit ranking. In such cases the nominated candidate must register within three working days otherwise the nomination will be void.

In the case of a candidate being declared successful in more than one ranking, the candidate must select one Ph.D. programme.

A successful candidate who already holds a Ph.D. title may be admitted to attend a second Ph.D. degree programme different to that already attended. In the case of parity of merit, candidates applying for the first time will be awarded priority.

In case the positions with scholarships and the positions without scholarship will not be assigned to graduates at foreign Universities, they will be awarded to the students in the ranking of ordinary positions.

All candidates are admitted to the call subject to the verification of self-certified declarations under D.P.R. 445/2000 and subsequent modifications.

#### **Art. 9 – HIGH-LEVEL APPRENTICESHIP CONTRACTS AND INDUSTRIAL DOCTORATE POSITIONS**

In compliance with current legislation and in accordance with D.M. 45/2013, it is possible to undertake a high-level apprenticeship training programme for the acquisition of the title of Doctor of Research and, at the same time, to be engaged by a business with an apprenticeship contract.

The selected candidate is admitted to the PhD programme without a scholarship and employed by a company on an apprenticeship contract of equivalent duration to that of the doctoral Ph.D. programme. For the purposes of delivering training and mentoring activities, the company and the University are to adopt appropriate forms of coordination and integration for the entire duration of the contract.



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Application for participation is open to those in possession of the requirements as stated in Art. 2 above who are between the ages of 18 and 29 at the moment of employment by the company and who have Italian or EU nationality, or non-EU nationals in possession of a regular residence permit in Italy.

Such candidates must state in the application an interest in the “posto con contratto di apprendistato” and will be required to explore, at the end of the oral examination, the themes on which the apprenticeship doctorate will focus.

In some PhD programmes, industrial doctorate positions are available; they are reserved for employees (who hold a master's degree or single cycle or equivalent qualifications provided for by the legislation before the D.M. 22 October 2004, n.270) of companies in agreement with the University and in possession of the prescribed requirements, and engaged in high-qualification activities, according to D.M. 45/13 art. 11. Candidates with requirements to access these positions must indicate in the application the industrial Doctorate position in which they are interested and attach to the application the certificate relating to their employment status.

For these reserved positions, admission will be made through the procedures provided for in the profile relating to the doctoral course for which the candidate competes, without prejudice to the evaluation of a research project discussed with the commission (referred to in Art. 4) possibly supplemented by a member of the company. For this purpose, candidates must attach to the application for participation a specific research project related to the theme indicated by the profile relating to the PhD course for which they compete.

The agreements between the University and the companies regulate the financing aspects, the modalities of carrying out the research activities and the distribution of the commitment of the PhD student-worker. The salary is considered equivalent to a scholarship and contributes to the calculation of the scholarship put up for tender.

#### **Art. 10 - SCHOLARSHIPS**

The scholarships available in accordance with the profiles attached to this call, as well as those potentially added in accordance with Article 1, will be awarded with the Rector Decree in order of the merit ranking lists of each PhD course, taking into account the possible assignment by curriculum.

The different types of scholarships funded by the University or by external companies/bodies in favor of the entitled candidates will be awarded by the Academic Board (Collegio dei Docenti) of each PhD Course, at its absolute discretion, based on the examination results and the candidate's curriculum vitae. For the purposes of the award of the scholarships funded by external companies/bodies, the Academic Board (Collegio dei Docenti) of the relevant PhD Course, where it deems this appropriate, may be completed with a representative of the financing body in an advisory capacity.

In the event of scholarships funded by a Third Party and/or aimed at carrying out a specific research project, the Coordinator shall inform the winner who is going to carry out the above-mentioned project about the related commitments and shall obtain his/her consent, to be communicated to the relevant Office.

The number of positions and scholarships available may be subjected to a subsequent increase due to the University participation in competitive calls, public notices issued by public or private bodies including: a) the INPS call for the funding of scholarships to be awarded to candidates who meet the requirements of the selection call issued by the aforementioned Institute; b) the regional public notice no. 1/POC/2021 published in the Official Bulletin BURP no. 66 of 12/05/2021 and subsequent A.D. no. 55/2021 which will finance the additional scholarships for the Doctoral programmes in Puglia.

The related scholarships will be awarded pursuant to the rules contained in the same calls and, where required, in the specifications signed by the University, following admission to the funding, using in the absence of different indications contained in the aforementioned calls, the general ranking merit list for admission to the doctoral programmes XXXVII cycle referred to in this call.

The annual scholarship is of € 15.343,28 subject to INPS social security contributions. The duration of the scholarship is equal to the entire duration of the programme.



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The scholarship will be paid in deferred monthly instalments and the maximum total annual gross income limit necessary in order to qualify for a scholarship is set at € 16.000,00 (sixteentousand/00).

The determination of this income limit includes income from property and assets as well as income of any other nature.

Exceeding the income limit will lead to the loss of the right to the scholarship for the year in which the excess occurs and obliges the repayment of any monthly payments already received.

The scholarship cannot be combined with other scholarships or grants, except for those intended to supplement research during stays abroad.

The scholarship cannot be awarded in the case of a suspension of more than thirty days, or exclusion from the programme.

During the programme the doctoral candidate may, for research needs, be authorized by the Coordinator for periods of up to six months, or by the Academic Board (Collegio dei Docenti), for periods of more than six months, to complete a period of study in Italy and/or abroad or to carry out an internship with either public or private bodies. This period may not, however, exceed half of the duration of the programme.

The amount of the scholarship is increased by 50% in the case of periods spent abroad.

Those who have already received a scholarship for a Ph.D. programme (including for a single year or part of year) may not apply for a second scholarship.

Those entitled to a scholarship must, at the time of application, submit a declaration of expected gross personal income as well as declaring the absence of any eventual incompatibilities as outlined in the present article. Scholarship beneficiaries will be required to set up an INPS contribution profile, enrolling in the “Gestione separata” scheme of that Institute.

Scholarships shall be subject to tax relief provisions in accordance with Art. 4 of Law 13.08.1984 No. 476.

In any case the special provisions in each specific financing agreement for the scholarship, remain valid.

#### **Art. 11 – ADMISSION IN EXCESS**

The following applications may also be admitted in excess of the number of available positions. Such excess may not, however, exceed 50% of the designated positions:

- Grant holders eligible for admission having passed the Ph.D. programme admission tests may apply for entry to the programme, in excess of the number of designated positions, provided that the Ph.D. programme they are attending is in the same scientific disciplinary research area for which the allowances are intended. Admission to the programme will be granted following the decision of the Academic Board (Collegio dei Docenti), and the Council of the Department (Consiglio di Dipartimento) from which the research grant is made, which must express their favor on the compatibility of the two activities. In the event that the applicant carries out his/her activities at another University, the authorization of that University is required;
- Non-EU citizens and public employees who qualify as a result of passing the admission test without the award of a scholarship. For public employees, admission in excess is subject to the opinion expressed, pursuant to Article 8 paragraph 2 of the current University Regulations for Research Doctorates, by the Academic Board which may request the signing of a specific agreement with the relevant public body.

Those candidates will also be admitted who, although not applying directly to the call, have, by the official start date of the PhD programme, been selected as part of the European Union's HORIZON 2020 programme or other cooperation and/or international mobility programmes (e.g. Erasmus Mundus) and have been successfully awarded a scholarship or a research contract within the PhD disciplinary scientific area of interest. In such cases, applicants will be required to submit a special application form that must be approved by the Academic Board who could establish other methods of evaluation.

Registration is, however, subject to the prior approval of the Academic Board (Collegio dei Docenti) of the Ph.D. programme which will determine further methods of evaluation.



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## **Art. 12 - PUBLIC EMPLOYEES**

Public employees admitted to the Ph.D. programme are placed, upon request, compatibly with the needs of the affiliated administration, on extraordinary leave for study purposes without allowances for the duration of the programme and with a scholarship in cases in which it is required.

In the case of admission to a doctoral Ph.D. programme without a scholarship or the renunciation of the same, the applicant concerned retains the economic, social and pension benefits associated with the public office the working relationship is established with.

If following the doctoral Ph.D. programme, the relationship with the public administration ceases on the will of the employee during a period of two years, repayment of the amounts paid during the second period will be due.

Those public employees who have already obtained a doctorate or public employees who have been enrolled in a Ph.D. programme for at least one academic year are not entitled to extraordinary leave, with or without allowances, benefiting from that leave. The extraordinary leave period is relevant for career advancement, retirement and retirement benefits.

## **Art. 13 – Ph.D. COURSES AND MEDICAL SPECIALIZATION SCHOOLS**

Joint programme attendance between the Ph.D. programme and medical specialization programmes is permitted in compliance with the general criteria of Art. 7 of D.M. No.45 of 8 February 2013.

Students enrolled at university medical specialization schools with headquarters at the University of Bari will, having successfully completed the admission procedure, be eligible to enroll in the Ph.D. programme if:

- they are enrolled in the final year of the specialization school;
- they have been authorized to attend the joint degree by the Council of the Specialization School and such attendance has been approved by the Academic Board.

Successful call applicants for admission to the Ph.D. programme will, at the time of enrolment to the Ph.D. programme, have to:

- submit a statement signed by the Director of the Specialization School attesting that joint attendance has been declared compatible and authorized by the Council of the Specialization School;
- engage in research and training activities as specifically defined by the Academic Board of the programme.

Within one month prior the end of the joint degree, the applicant will have to request the recognition of the period of joint attendance to the Academic Board. The Academic Board, evaluating the research and training activities during the joint attendance period and attested by the Council of the Specialization School, may thus recognize the validity of this period for the purpose of obtaining the Doctorate of Research qualification.

During joint attendance periods, students enrolled in specialization schools will not be eligible for doctoral scholarships or other forms of funding.

## **Art. 14 – ENROLMENT**

Successful call applicants will have to enroll by the dates to be announced at the time of the publication of the merit rankings.

Notification will not be sent to successful call applicants regarding the deadline of enrolment.

Failure to enroll within the terms of each Ph.D. programme will be considered withdrawal from the call and the position will be awarded to the next candidate on the basis of merit ranking order.

The application for enrolment and relative attachments must be submitted to the U.O. Ph.D., II floor, Università di Bari Aldo Moro, Piazza Umberto I, n.1 - BARI, ITALY, with the following documentation:

1. signed photocopy of a valid ID document;
2. proof of payment of the registration fee for non-scholarship holding public employees admitted to the Ph.D. programme;
3. receipt of payment of the regional tax for the right to University Study;



4. photocopy of fiscal code card (codice fiscale);
5. a passport-sized photographs signed on the rear;
6. a payment of € 16,00 for duty fee.

Non-EU citizens must submit a valid permit of stay or a copy of the required application to the competent authorities as well as an Italian fiscal code document (codice fiscale).

Foreign nationals not resident in Italy must submit the following certificates within 30 days of enrolment:

- a) birth certificate;
- b) certificate of citizenship;
- c) certificate of civil and political rights status in the state of origin or provenance;
- d) a certificate equivalent to the general certificate of judicial records issued by the competent authority of the state of which the foreign candidate is a citizen.

Certificates issued by the competent authorities of the state of which the foreign applicant is a citizen must comply with the provisions in force in that state and signatures must be legalized by the competent Italian consular authorities. Foreign language translations must be accompanied by a certified Italian translation of the foreign text produced by the competent diplomatic and consular representation or by an official translator. Documentation relating to the above-mentioned requirements will also be made available online at the website: <https://www.uniba.it/ricerca/dottorati/dottorato-di-ricerca-37degciclo-a-a-2021-2022>.

#### Art. 15 – TAXES AND FEES

The annual fee for access and attendance of the Ph.D. programme, payable by non-scholarship holding public employees, amounts to € 841,89 divided as follows:

- **First payment:** € 345,17 upon enrolment and together with payment of the regional tax;
- **Second payment:** € 496,72 due from those students with an ISEE indicator greater than € 14.518,38 A. Y. 2021/2022 which must be paid by July 31 of each year of the programme.

For doctoral students placed in industrial doctoral courses, tuition fees and further contributions are paid by the Company/Institution.

All doctoral students are required, at the time of enrollment, to pay the fee for the release of the Student Card, of € 5,00 by MAV bulletin prepared by the University of Bari Aldo Moro, except for any other payment systems that the University reserves the right to communicate.

Doctoral students who do not benefit from the scholarship or who decline the scholarship are exempt from paying fees. Public employee doctoral students who are not scholarship beneficiaries are required to pay fees. Doctoral students who are eligible for ADISU scholarships and honorary loans and those doctoral students who are eligible for assistance due to a scarcity of resources are exempt from the payment of fees.

Ph.D. students with disabilities with a recognized disability of 66% or more, even if already in possession of an academic degree, are exempted from taxes and fees.

All doctoral students are required to pay the regional tax for the right to university study except doctoral students with a disability of at least 66%.

All doctoral students are required to pay the Regional Tax, determined on the basis of the income of their family unit (ISEE Module), according to the amounts indicated in the table below:

#### ISEE REGIONAL TAX

from € 0 to € 23.000,00	= € 120,00
from € 23.000,01 to € 46.000,00	= € 140,00
over € 46.000,01	= € 160,00

Students who do not present the ISEE declaration are placed in the maximum band of the regional tax.

This sum for ADISU must be paid to Current Account No. 860700, addressed to: “A.D.I.S.U., Regione Puglia, Università di Bari, Via G. Fortunato, 4/G – 70125 Bari”, Reason for payment: “Tassa Regionale A.Y. 2021/2022” except for any different payment systems that ADISU will communicate.

Doctoral students already in possession of the title of Research Doctor are required to pay maximum fees. Doctoral students who do not renew enrolment for the years following the first year of the programme will be excluded from the Ph.D. programme.

In all cases, the sum of € 67,60 is payable per diploma, in addition to the duty stamp in force in a given period. Late payments will incur a penalty of € 20,00 for payments made within 30 days of the payment deadline, € 40,00 for payments made within 60 days of the payment deadline and € 80,00 for payments made more than 60 days after the payment deadline.

## PART II

### CALL FOR POSITIONS RESERVED FOR GRADUATES FROM FOREIGN UNIVERSITIES

#### Art. 16 – PROVISIONS FOR POSITIONS RESERVED FOR GRADUATES FROM FOREIGN UNIVERSITIES

The provisions of this section govern the procedures for participation in the call reserved for graduates from foreign universities, where applicable in the individual Ph.D. programme profiles attached (from 1 to 23).

Applications are accepted for the call reserved for graduates (including Italian graduates) from foreign universities holding a qualification equivalent to an Italian degree, as indicated in article 2. Those in possession of a degree from a foreign university which has not yet been declared equivalent to an Italian degree will have to apply for their equivalence solely for admission to the Ph.D. programme for which they intend to apply as governed by article 2 of this call.

Applications for admission must be completed online using the special procedure available at: <https://pica.cineca.it/uniba/dottorati37/domande/>.

Candidates must indicate in the application:

- name and surname, date and place of birth, citizenship, possible tax code, residence and address chosen for call communication, post code, e-mail address, and telephone number;
- the exact title of the Ph.D. programme to be applied for.

#### Art. 17 - SUBMISSION OF APPLICATION AND SELECTION PROCEDURE

The application for participation in the selection must be submitted using only the appropriate procedure made available at: <https://pica.cineca.it/uniba/dottorati37/domande/>, **no later than July 8, 2021 at 12.00 pm (Italian time)** under penalty of exclusion from the selection.

Access to the procedure takes place on the PICA portal (Integrated University Competition Platform) which can be accessed upon registration or with SPID credentials, as indicated in the Guidelines.

Applications received in a different way than the one indicated will not be considered valid.

The registration fee for the competition is € 50.00; in the case of foreign applicants residing abroad, no payment is due. The entry fee is non-refundable for any reason.

The candidate must pay the fee by clicking on the "Paga con Pago PA" button and choosing as the payment method:

- Credit/debit card: for card payment
- Current account: for direct debiting your account
- Other payment methods: such as PayPal or Satispay





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Application for participation in the call must refer exclusively to the Ph.D. programme for which application is made. In the case of application for more than one programme, multiple applications are required.

The application is to be considered in all respects by law as a self-certification, pursuant to Art. 46 and 47 of DPR 445/2000 and ss.mm.ii., the data contained therein and in the documents annexed thereto.

The University assumes no responsibility for misdirected communications due to the improper indication of addresses by the applicant, missing or late notification of a change of address indicated in the application, or for issues attributable to third parties, due to either accident or force majeure.

The following documents must be attached to the application:

- ◆ A certificate attesting to the foreign degree of study with the indication of the examinations and the relative results together with a translation into Italian. The translation must be signed under the responsibility of the candidate in order that the qualification be recognized;
- ◆ Curriculum vitae outlining academic qualifications and study, scientific activities and professional experience, written in Italian, English or French, indicating the academic qualifications obtained. In particular, candidates should indicate: any scholarships awarded by Italian, foreign or international bodies specifying the start date, end date, and duration; Attestations of participation in postgraduate or Master's degree programmes, specifying the date of completion, duration, and the training provider; Any acknowledgments and other scientific/academic titles deemed relevant to selection;
- ◆ Scientific publications;
- ◆ A summary of the degree thesis in English or French, of a minimum of 3 and a maximum of 6 pages organized as follows: thesis topic, research methodology, results obtained;
- ◆ Indication of the specific research interest of the applicant (Statement of Research Interest);
- ◆ At least two letters of reference from experts or professors of the Institutions where the candidate has studied or has worked or has collaborated with;
- ◆ Where applicable in the programme profiles, a research project relating to the Ph.D. programme for which application is made;
- ◆ A photocopy of a valid ID document of the applicant;

Qualifications conformity to the original must be declared by the candidate through self-certification or a Substitute Declaration of Certification of Conformity to the Original Copy in accordance with Art. 19, 46 and 47 of D.P.R. 445/2000.

Once completed, the application must be printed, signed and reloaded in the procedure following the indications described in the online procedure. The lack of signature and/or ID is a reason for exclusion from the selection.

In the case of authentication with the use of SPID (Public Digital Identity System) credentials, it will not be necessary to sign the application.

Failure to choose the curriculum, where provided, results in exclusion from the competition. The application is submitted to the University automatically with the definitive closure of the online procedure. Therefore, no delivery or shipment of paper material to the Offices should be made.

At the end, the application will be registered and the submission confirmed by e-mail by the system.

The Judging Commissions will be appointed by Decree of the Rector as foreseen in Article 4 of this notice.

The Commission may award a total of 100 points for the evaluation of candidates, which will be carried out based on qualifications only (procedure 1), based on qualifications and oral examination (procedure 2) according to the particulars contained within the individual Ph.D. profiles attached. Candidates scoring below 60/100 will not be eligible.

The categories of qualifications to be evaluated, inasmuch as relevant to the subjects of the relative Ph.D. programmes of the call, and the maximum score attributable to each of them are described below:



### A) Selection procedure based on qualifications only (procedure 1)

For the evaluation of the qualifications submitted by candidates, the Commission shall, unless otherwise indicated in the profile relating to each Ph.D. programme, allocate up to 100 points as follows:

- ◆ For **Curriculum Vitae e Studiorum** (including academic and study qualifications, as well as for scientific activity and professional experience) up to a maximum of 60 points;
- ◆ For **scientific qualifications** relevant to the subjects covered by the Ph.D. programme, up to a maximum of 20 points:
  - Scientific publications (monographs, articles in scientific journals)
  - Minor publications (national and international dissemination conferences, specific volume contributions, etc.);
- ◆ **Professional expertise and reference letters** illustrative of the candidate's abilities, skills and attitudes, written in English, up to a maximum of 20 points.

### B) Selection procedure based on qualifications and oral examination (Procedure 2)

For the evaluation of the qualifications submitted by the candidates the Commission may, unless specifically stated otherwise in the profile relative to each Ph.D. programme, allocate up to 60 points as follows:

- ◆ For **Curriculum Vitae e Studiorum** (including academic and study qualifications, as well as for scientific activity and professional experience) up to a maximum of 30 points;
- ◆ For **scientific qualifications** relevant to the subjects covered by the Ph.D. programme, up to a maximum of 15 points:
  - Scientific publications (monographs, articles in scientific journals)
  - Minor publications (national and international dissemination conferences, specific volume contributions, etc.);
- ◆ **Professional expertise and reference letters** illustrative of the candidate's abilities, skills and attitudes, written in English, up to a maximum of 15 points.

In case of a **research project** is required in the Ph.D. programmes profile, whose positive evaluation together with the evaluation of the other qualifications is necessary condition for the admission to the oral examination, a maximum of 20 points will be attributed. In this case, the scores assigned to the other qualifications will be reduced by assigning 20 points for the curriculum, 10 for publications, and 10 for reference letters.

The oral test, with up to a maximum of 40 points, is intended to ascertain the knowledge of foreign languages and the aptitude of the candidates for scientific research, including through discussion of the research project submitted by the candidate where applicable in the Ph.D. programmes profiles referred to in Article 1.

The oral test will be deemed successful should the candidate score at least 27/40. Only and exclusively if specified in the profile relating to the Ph.D. programme selected, applicants resident abroad may take the oral examination at distance via MICROSOFT TEAMS platform or other digital platform. In this case, interested applicants will have to make a specific request to make use of such a location, provide their contact in the application for admission to the call and ensure the use of a webcam to allow their identification to the Commission. The candidate must be available at their previously communicated contact address on the day for the oral examination, according to the calendar published on the website as indicated on the profile.

The Commission may agree with the candidate on a precise time for the interview to take place.

For the purposes of identification, each candidate must, prior to commencement of the interview, identify themselves, displaying the same identity document already submitted as a copy attached to the application. Failure to do so will result in exclusion from the call.

Failure by the candidate to communicate their personal address, a lack of internet connection, the unavailability of the candidate on the day or time established or the failure to display a valid identification document in accordance with the previous paragraph constitute reasonable motives for exclusion from the call. The

University of Bari does not accept any responsibility for the possibility of technical issues preventing the carrying out of the oral examination.

The prevision of art. 6 of this call shall apply accordingly.

In the case of the parity between two or more candidates, preference will be given to the youngest candidate.

A specific merit ranking will be drawn up by the Commission for those positions reserved for graduates at foreign universities.

The merit ranking will be established according to the order of points of the overall result reported for each candidate based on the evaluation of qualifications.

The successful candidates will be declared, dependent on the number of positions designated, according to best performance on the merit ranking.

At the end of the call procedure, the Rector will approve the acts of the call and the relative merit ranking. All candidates are admitted with reserve to the call.

The declarations of approval of the acts and the relative merit rankings will be made public through their communication on the notice board of the U.O. Dottorato di Ricerca, Ateneo Building of the University of Bari Aldo Moro, II floor, and through publication on the website at <https://www.uniba.it/ricerca/dottorati/dottorato-di-ricerca-37degciclo-a-a-2021-2022>.

The above methods of publication act as formal notification to successful candidates. No communication will be sent to individual addresses.

In the event of withdrawal by one of the successful candidates, the next candidate will be summoned according to the merit ranking.

#### **Art. 18 - ENROLMENT**

Successful call applicants will have to enroll by the dates to be announced at the time of the publication of the merit rankings.

Failure to enroll within the terms of each Ph.D. programme will be considered withdrawal from the call and the position will be awarded to the next candidate on the basis of merit ranking order.

The application for enrolment must be submitted, in advance on line, and then sending documents to:

U.O. Dottorato di ricerca, Università degli Studi di Bari Aldo Moro, II piano, Piazza Umberto I, n.1 – 70121 BARI, ITALY in the manner described in Art.17.

Documentation relating to the above-mentioned requirements will also be made available online at <https://www.uniba.it/ricerca/dottorati/dottorato-di-ricerca-37degciclo-a-a-2021-2022>.

### **PART III**

#### **SUPPLEMENTARY INFORMATION**

#### **Art. 19 - TRANSLATION AND LEGALIZATION OF DOCUMENTS**

Acts and documents in a foreign language must be translated and certified by the relevant Italian diplomatic or consular representations in the foreign state in question and must comply with the provisions in force in that State.

#### **Art. 20 – INSURANCE COVER**

The University guarantees insurance cover for civil liability and accident for the entire duration of the programme for activities strictly related to the Ph.D. programme itself and will arrange the stipulation of the relevant policy.

#### **Art. 21 – RIGHTS AND OBLIGATIONS OF DOCTORAL STUDENTS**

Doctoral students are obliged to attend the programme and to carry out continuous study and research activities at the sites designated for this purpose in accordance with the procedures as set out by the Academic Board

(Collegio dei Docenti), with an exclusive full-time commitment equivalent to 1500 hours a year. This commitment is verified by the compilation of a register.

Academic Board (Collegio dei Docenti) may, on the basis of a motivated request of the doctoral student, authorize the performance of remunerated activities, verifying their compatibility with the successful carrying out of programme (didactic and research) activities. In particular, doctoral students with scholarships may only carry out remunerated activities strictly related to the Ph.D. programme. Non-scholarship doctoral students must, in any event, consider the possibility that working activities result as incompatible without causing any detrimental effects to basic rights protected data constitutional level, such as the right to study for the capable and worthy, even without the necessary means to do so. Doctoral students, as an integral part of the programme, and having obtained clearance from the Academic Board and with the agreement of the relevant didactic bodies may, without any additional increase to the scholarship, participate in tutoring activities for both undergraduate and graduate Master students for up to a maximum of forty hours in each academic year as supplementary teaching activities. Doctoral students in the medical field may participate in clinical-care activities in accordance with the provisions of Art. 4, Section 1 of the current Doctoral Research Regulations. After the third year of the Ph.D. programme, this limit is abrogated.

The measures of Legislative Decree no. 68 are extended to doctoral students, in accordance with the contents therein.

The Maternity Provisions of the Ministry of Labour and Social Security Decree of July 12, 2007, published in the Official Journal no. 247 of 23 October 2007 are applied in the case of female doctoral students.

The University Regulations provide doctoral students with a doctoral student representation for the purpose of the resolution of educational and organizational issues.

The attendance of a doctoral student may be suspended, upon deliberation of the Academic Board, for a period of up to a maximum of one year while retaining the rights to any scholarship, unless it should cease to be awarded, through resuming regular attendance on the programme. This is applied to cases such as maternity, military or civil service, serious and documented illness.

The doctoral student may not simultaneously be enrolled in a specialization school programme or another degree program. If a successful candidate for a Ph.D. programme results as already enrolled in a specialization school or degree program, he or she undertakes to suspend attendance before beginning the Ph.D. programme, with the exception of medical specialization (Art. 13 of this call).

Participants enrolled on Master or Specialization programmes can obtain the suspension of the beginning of doctoral activities for a maximum of three months from the effective start of the Ph.D. program, to be recuperated within the scope of the legal duration of the Ph.D. programme according to indications from the Academic Board.

If this period is longer than three months, and in any case no more than one year, activities relating to the Ph.D. programme must be deferred.

The granting of scholarships for doctoral studies is compatible with other income, including continuous income in the calendar year in which the scholarship is perceived, provided that maximum limit established by current legislation is not exceeded. If the income limit is exceeded, the scholarship will be revoked for the full year. The doctoral student concerned is obliged to declare the predicted annual income and report the possible exceeding the established limit.

Within the date set by Academic Board (CdD), for the purposes of annual auditing tests, the doctoral candidate is required to submit a written report to the CdD on the research activities and results carried out, as well as indications of possible participation in seminars and conferences and other scientific initiatives, together with publications produced. The positive assessment by the CdD denotes entry to the successive year of the programme, or admission to the final exam in the case of final year doctoral students.

The CdD may propose, by reasoned decision, that the student concerned is temporarily suspended or excluded from the programme, resulting in the partial or total loss of any scholarship in the event of:

- Negative judgment by the CdD within the annual audit;



- Unjustified and prolonged absences;
- Behavior contradicting rules on incompatibility.

#### **Art. 22 – CONFIDENTIALITY AND INTELLECTUAL PROPERTY**

In the case in which a doctoral student has, during the Ph.D. programme, developed research products which may qualify for the granting of industrial rights or intellectual property, or for which it may be possible to obtain the designation of industrial property, such as inventions (whether patentable or not), know-how, utility models, designs and drawings, software, data or data collections, these will be regulated in accordance with current university inventor regulations and University of Bari regulations, without prejudice to particular agreements concluded on the basis of particular types of relationships (e.g. industrial doctorate or apprenticeship contract).

The doctoral candidate must undertake a specific commitment to confidentiality and the recognition of industrial and/or intellectual property rights in relation to confidential information, data, and documents that the doctoral student should become familiar with in the course of his or her activities, including those carried out by a company, an Institution or an University.

The doctoral student is, in any case, given the opportunity to perform standard publishing activities as foreseen by the programme, which will take place in compliance with the commitment to confidentiality assumed with the University for their work including that carried out within a company, as well as any specific agreements concluded on the basis of particular types of relationships (e.g. industrial doctorate or apprenticeship contract).

#### **Art. 23 – AWARDING OF TITLE**

The title of Doctor of Research (Dott. Ric) or Ph.D. is awarded following positive evaluation of a research thesis that contributes to the advancement of knowledge or methodologies in the chosen field of enquiry. The doctoral thesis, accompanied by a summary in Italian and in English, may be written in either Italian or English or, with prior permission from the Academic Board (Collegio dei Docenti), in another language.

The examining Commissions for the final exam will be formed and nominated, for each Ph.D. programme, according to the doctoral regulations. The examination may not be resit.

#### **Art. 24 – BACKGROUND CHECKS**

The University carries out the necessary background checks on the authenticity of the substitute statements made by the candidate. In case the audit establishes falsehoods in the content of such statements, the candidate is excluded from applying to the call or, if already enrolled as a successful call candidate, withdrawn from the programme subject to the criminal penalties provided for in Art. 76 of Law no. 445/2000.

#### **Art. 25 - TREATMENT OF PERSONAL DATA AND RIGHT OF ACCESS**

The personal data contained in the application form (and in the curriculum) will be processed for the purposes of the management of this procedure and in application of the current regulations concerning the processing of personal data. The data will be processed - by the parties authorized to process it - with manual, computer tools and telematic tools within and for the purposes specified above, in compliance with the security measures adopted by the University and in compliance with the provisions of EU Regulation no. 2016/679 on the protection of individuals with regard to the processing of personal data and the free movement of such data, as well as legislative decrees to adapt the national legislation to the provisions of the afore mentioned Regulation. The Data Controller is the University of Bari Aldo Moro, with registered office in Piazza Umberto I, n. 1, 70121 - BARI. The designated Data Protection Officer can be contacted at the e-mail address [rpd@uniba.it](mailto:rpd@uniba.it).

The full text of the information is available at: <https://www.uniba.it/ateneo/privacy/aggiornamento-informativa-regolamentoUE-2016-679/informativa-selezioni>.

The documents of the selection are public.

The candidates may exercise the right of access the documents of the selection according to the legislation in force.

#### **Art.26 – RESPONSIBLE PARTIES FOR CALL PROCEDURE**

Pursuant to Law No. 241/1990 subsequent modifications and integrations, the Head of Call Proceedings is Dr. Maria Luisa Loiudice - Head of U.O. – Doctoral Research (PhD Office).

Any clarifications may be requested at the following e-mail address: [dottorato@uniba.it](mailto:dottorato@uniba.it).

#### **Art. 27 – LAWS OF REFERENCE**

For any specific issues not provided for in the present notice, reference should be made to the current legislation in force and, in particular, to University of Bari Regulations on doctoral research published at [www.uniba.it](http://www.uniba.it).

Foreign students may obtain more information at <http://www.studiare-in-italia.it/studentistranieri/>.

This call notice translated into English is to be considered informative in nature. In the event of any dispute, the original Italian version of this call notice will prevail.

#### **Art. 28 – PUBLICATION**

The notice of the announcement of this call was submitted to the Ministry of Justice for publication in the Official Journal of the Italian Republic - 4th Special Series - Calls.

This decree will be ratified by the Governing Bodies in their next assemblies.

Bari, June 7th, 2021

THE RECTOR

Signed Prof. Stefano BRONZINI

## PROFILE

### PhD PROGRAMME IN BIODIVERSITY, AGRICULTURE, AND ENVIRONMENT

Scientific Area CUN: 07 - Agricultural and Veterinary Sciences; 05 - Biological Sciences.

Coordinator: Prof. Enrico de Lillo

Administrative office: Dipartimento di Scienze del Suolo, della Pianta e degli Alimenti

PEC: [disspa@pec.uniba.it](mailto:disspa@pec.uniba.it)

Duration: 3 years

Total number of positions 7, as follows:

- 3 positions with a scholarship from the University of Bari: 1 for curriculum 1); 1 for curriculum 3); 1 for curriculum 4);
- 1 position with scholarship funded by PROGEVA s.r.l. for curriculum 2);
- 1 position with scholarship funded by DiSAAT for curriculum 3);
- 1 position with scholarship funded by CNR-IPSP for curriculum 4);
- 1 position without scholarship for curriculum 1)

Curricula:

1) Genetics and Plant Biotechnology (Scientific Subject Code: AGR/07)

2) Environmental Sciences (Scientific Subject Codes: BIO/03, BIO/04, BIO/05, BIO/06, BIO/07, BIO/19)

3) Mediterranean sustainable agriculture (Scientific Subject Codes: AGR/01, AGR/02, AGR/03, AGR/04, AGR/05, AGR/17 e AGR/19)

4) Crop Protection (Scientific Subject Codes: AGR/11, AGR/12)

A specific exam for each curriculum will be made; the ranking lists of each curriculum will be merged into a final one which will be used for the candidate admission.

The positions will be awarded, among the curricula, according to the final ranking list, until their exhausting.

Non-assigned positions of a curriculum, because of lack of eligible candidates, can be assigned to candidates of another curriculum based on the score of the final ranking list.

The candidates must indicate their curriculum choice on the application form **on penalty of exclusion from this selection procedure.**

#### **Admission tests (ordinary positions):**

The exam procedures will be taken in accordance with art. 6 lett. C

The examination will be based on the evaluation of candidate qualification, videoconference interview, and foreign language knowledge checking (English).

#### *Admission tests for foreigners:*

The videoconference interview of foreign candidates will be in English.

#### **Admission exam dates and time:**

Evaluation of candidate qualification: 22 July, 2021 at 09:00 a.m.

Videoconference interview: 29 July, 2021 at 9:00 a.m.

The videoconference interview will be conducted by using Microsoft Teams platform (free tool).

The enter code to the platform will be published on the website:



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<https://www.uniba.it/ricerca/dipartimenti/disspa/dottorato-di-ricerca/biodiversita-agricoltura-e-ambiente/xxxvii-ciclo>

**For more information see the website:**

<https://www.uniba.it/ricerca/dipartimenti/disspa/dottorato-di-ricerca/biodiversita-agricoltura-e-ambiente/xxxvii-ciclo>





## ANNEX 2)

### PROFILE

#### PhD PROGRAMME IN BIOSCIENCES AND BIOTECHNOLOGIES

Scientific Areas CUN: 05- Biological Science, 06- Medical Sciences, 07-Agricultural and Veterinary Sciences, 03- Chemical Sciences

Coordinator: Prof.<sup>ssa</sup> Giovanna Valenti

Administrative Location: Department of Biosciences, Biotechnologies and Biopharmaceuticals  
PEC: direzione.bioscienze@pec.uniba.it

Course Duration: 3 years

Total position n.:12

- n. 8 positions with scholarship funded by University of Bari: 2 positions for curriculum 1), 2 positions for curriculum 2), 2 positions for curriculum 3), 1 position for curriculum 4), 1 position for curriculum 5)
- n. 1 reserved for fellows in specific international mobility programs: HORIZON 2020 FRAMEWORK PROGRAMME CALL: H2020-MSCA-ITN-2020 PROJECT: 956325 – ASTROTECH
- n. 3 positions without scholarship: 1 position for curriculum 1), 1 position for curriculum 2), 1 position for curriculum 5)

#### *Curricula:*

1. Biomolecular Sciences and Bioinformatics (Scientific disciplinary sectors: BIO/10 and BIO/11)
2. Cellular and Molecular Physiology and Biotechnology (Scientific disciplinary sectors: BIO/09, BIO/17, VET/10, AGR/17, MED/04)
3. Biochemical Sciences and Cell Biology (Scientific disciplinary sectors: BIO/10, BIO/12, BIO/13, BIO/14, BIO/16, CHIM/11)
4. Genetics, Microbiology and Molecular Evolution (Scientific disciplinary sectors: BIO/18, BIO/19)
5. Morphofunctional Biology (Scientific disciplinary sectors: BIO/04, BIO/05, BIO/06, BIO/07)

#### **Rules for admission (ordinary positions):**

The exam procedures will be carried in accordance with art. 6 lett. C

The exam tests are unique and the merit ranking will be unique.

The selection will be based on qualifications, oral exam, and verification of the knowledge of the foreign language: English.

The fellowships will be assigned, among the different curricula, according to the order in the ranking of merit, subject to availability.

#### **Foreign candidates:**

Foreign candidates can choose to take the exam in Italian or in English.

#### **Calendar for admission exams:**

Oral exam: July 27, 2021 - 9,00 am

Location: Microsoft Teams platform



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**For more information see the website:**

<http://www.uniba.it/ricerca/dipartimenti/bioscienze-biotecnologie>



ANNEX 3)

PROFILE

**PhD PROGRAMME IN “RIGHTS AND PROTECTION IN GLOBALIZED MARKETS”**

CUN Scientific Areas: 12 – Legal Sciences; 13b – Economics and business sciences

Scientific Subject Code: IUS/01, IUS/02, IUS/03, IUS/04, IUS/05, IUS/07, IUS/13; IUS/14; IUS/15; IUS/17; IUS/20; SECS-P/07.

Coordinator: Prof. Vito Sandro Leccese

Administrative office: Dipartimento di Giurisprudenza  
PEC: direzione.giurisprudenza@pec.uniba.it

Duration: 3 years

Available PhD positions n.: 5

- n. 4 positions with scholarship funded by University of Bari
- n. 1 position for industrial doctorate funded by Dyrecta Lab s.r.l., reserved to employees of the company, according to the article 11 of D.M. n. 45/13, research project: “**Artificial Intelligence and Intellectual Property Rights (AI & IPRs)**”.

*Curricula:* NO

The available positions will be assigned according to the order in the merit ranking, up to their exhaustion

**Admission test (ordinary positions):**

The exam procedures will be taken in accordance with art. 6 lett. A.  
The selection will be pursued through qualifications, written and oral exam.  
Knowledge of English will be tested during the oral test.

**Admission test (position for industrial doctorate):**

The exam procedures for industrial doctorate reserved to employees of the Dyrecta Lab s.r.l. will be taken in accordance with art. 6 lett. C  
The selection will be pursued through qualifications and oral exam, with discussion of an original research project (maximum 15.000 characters including spaces) relevant to the topic given (AI & IPRs), previously submitted by the candidate together with the application for admission **under penalty of exclusion**.  
Knowledge of English will be tested during the oral test.

**Admission test in English language for foreign applicants:**

Foreign candidates can choose to do the admission test in Italian or English language. The exam procedures will be taken in accordance with art. 6 lett. A.

**Admission test date and time:**

Written exam: 26th July 2021, at 10:00 am, Room 12 and Room 13, first-floor, Dipartimento di Giurisprudenza, Piazza Cesare Battisti, 1 - Bari  
Oral exam: 30th July 2021, at 9:30 am, Room 12, first-floor, Dipartimento di Giurisprudenza, Piazza Cesare Battisti, 1 - Bari



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If the exam, due to the ongoing epidemiological emergency, may be taken online, it will be carried out in accordance with art. 6.

**Further information at the web site:**

<https://www.uniba.it/ricerca/dipartimenti/lex/post-laurea/dottorati-di-ricerca>



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## ANNEX 4)

### PROFILE

#### PhD PROGRAMME IN MEDITERRANEAN RIGHTS, ECONOMIES AND CULTURES

CUN Scientific Areas: 11a Historical, philosophical and pedagogical sciences, 12 - Legal sciences, 13a - Economic and statistical science, 13b – Economics and business sciences

Scientific Subject Code: IUS/01, IUS/02, IUS/03, IUS/04, IUS/05, IUS/06, IUS/07, IUS/10, IUS/11, IUS/12, IUS/13, IUS/16, IUS/17, IUS/21, SECS-P/01, SECS-P/06, SECS-P/07, SECS-P/08, SECS-P/11, SECS-P/13, SECS-S/01 e M-PED/01

Coordinator: prof. Paolo Pardolesi

Administrative Office: Dipartimento Jonico in "Sistemi Giuridici ed Economici del Mediterraneo: società, ambiente, culture"

PEC: segreteria.djsge@pec.uniba.it

Duration: three years

Total number of PhD positions: n.16

- n.6 positions with scholarship funded by the University of Bari of which n.1 reserved for applicants that graduated in non-Italian University;
- n.1 position for industrial/intersectoral doctorate, funded by **Serveco Srl**. reserved to employees of the company, pursuant to article 11 of Ministerial Decree n. 45/13; research project: **“Life Cycle Thinking tools to evaluate the sustainability and circularity of the production activities of the company Serveco Srl”**;
- n.1 position for industrial/intersectoral doctorate, funded by **ENEL S.p.A.** reserved to employees of the company, pursuant to article 11 of Ministerial Decree n. 45/13; research project: **“Circular economy in the energy value chain: a driving force for the sustainable use of resources and forms of efficient energy consumption”**;
- n.1 position for industrial/intersectoral doctorate, funded by **OrmaLab Srl** reserved to employees of the company, pursuant to article 11 of Ministerial Decree n. 45/13; research project: **“Development of new methods for the provision and measurement of socio-economic services for the agrifood and circular economy sectors as part of research projects based on the Living Labs approach”**;
- n.1 position for industrial/intersectoral doctorate, funded by **Azienda Programma Sviluppo** reserved to employees of the company, pursuant to article 11 of Ministerial Decree n. 45/13; research project: **“The New Normal in the Mediterranean area: new corporate welfare models in the aftermath of pandemic”**;
- n.3 positions for industrial/intersectoral doctorate, funded by **Fondazione GEN. IN. LOGISTIC** reserved to employees of the company, pursuant to article 11 of Ministerial Decree n. 45/13; research projects:
  - 1) **“Regulatory compliance of business processes in the public law bodies – Analysis, study and development of a compliance model for participating foundation”**;
  - 2) **“Smart specialization strategy: the role of higher technical institutes in regional innovation policies and intelligent specialization”**;
  - 3) **“Innovation management and the role of ITS on the territory: the case of the GEN. IN. LOGISTIC in the socio-economic context of Taranto”**;



- n.1 position for industrial /intersectoral doctorate, funded by **Pascar srl** reserved to employees of the company, pursuant to article 11 of Ministerial Decree n. 45/13; research project: **“Design and training of human resources for organizations: Empowerment models and corporate welfare”**;
- n.1 position for industrial /intersectoral doctorate, funded by **Max s.r.l.** reserved to employees of the company, pursuant to article 11 of Ministerial Decree n. 45/13; research project: **“Change and development of post covid-19 online and offline commerce, Innovation at the service of small and medium-sized enterprises”**;
- n.1 position without scholarship.

*Curricula:* NO

The available positions will be assigned according to the order in the merit ranking, up to their exhaustion. Positions offered with scholarship will be awarded with priority according to the ranking order. Attribution of positions without scholarship will follow.

**Admission test (ordinary positions):**

The exam procedures will be carried in accordance with art. 6 lett. C

The selection will be pursued through qualifications and oral exam with discussion of an original research project consistent with the research directives of the doctoral course, previously submitted by the candidate (maximum 12000 characters including spaces) together with the application for admission **under penalty of exclusion**.

The oral exam will focus on the discussion of the research project with regard to its originality, methodological rigor and consistency with the research directives of the doctorate. As part of the oral test, knowledge of English as foreign language will also be verified.

**Methods of conducting the tests in English for foreign candidates:**

Foreign candidates may choose the admission exam in Italian or English

**Positions reserved for graduates of foreign universities:**

The exam procedures will be carried out in accordance with art. 17 procedure 2

The selection will be pursued through qualifications and oral exam with discussion of an original research project consistent with the research directives of the doctoral course, previously submitted by the candidate (written in English, maximum 12000 characters including spaces) together with the application for admission **under penalty of exclusion**.

The oral exam will focus on the discussion of the research project with regard to its originality, methodological rigor and consistency with the research directives of the doctorate.

**Admission test date and time:**

Evaluation of titles: 22 July 2021, 10:00 am

Oral exam: 23 July 2021, 10:00 am

Exam location: The telematic interview will be conducted by using Microsoft Teams platform (free tool).

The enter code to the platform will be promptly notified to the candidates.

**For more information see the website:** <https://www.uniba.it/ricerca/dipartimenti/sistemi-giuridici-ed-economici>



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ANNEX 5)

## PROFILE

### Ph.D PROGRAMME IN RIGHTS, INSTITUTIONS AND SAFEGUARDS IN TRANSITIONAL SOCIETIES

**CUN Scientific Areas:** 12 – Legal Sciences; 10 – Sciences of Antiquity, Philological-Literary and Historical-Artistic

**Scientific Subject Code:** IUS/01, IUS/08, IUS/09, IUS/10, IUS/11, IUS/12, IUS/13, IUS/14, IUS/16, IUS/19, IUS/20, IUS/21, L-LIN/12

**Coordinator:** Prof. Alessandro Torre

**Administrative Office:** Department of Law

**PEC:** [direzione.giurisprudenza@pec.uniba.it](mailto:direzione.giurisprudenza@pec.uniba.it)

**Duration:** three years

**Available Ph.D positions:** n.4

- 4 positions with scholarship funded by the University of Bari

**Curricula:** NO

#### Admission test

The examination procedures will be taken according to art.6 lett.A.

The examination will be achieved by the assessment of the applicant's qualifications, a written test and an oral discussion of an original research project to be previously submitted, under penalty of exclusion, to the Examination Committee by a paper (max 15,000 writing characters including spaces) together with the formal application for admission. The oral examination will focus on the discussion of the submitted research project and on the assessment of a comprehensive knowledge of the project's issues. The project discussion will focus on: 1) its consistency to the Ph.D's research directions; 2) knowledge of the "state of the art; 3) clarity of the target ; 4) methodological accuracy. The knowledge of English or any other foreign language among French, German or Spanish will be checked as a part of the oral examination.

#### Admission test in English language for foreign applicants:

Foreign candidates can choose to do the admission test in Italian or English language

#### Admission test date and time:

Written exam: 22<sup>nd</sup> July 2021 – h.09:00 a.m.,

Venue: Room 5 –ground floor - Dipartimento di Giurisprudenza Piazza Cesare Battisti, 1 - Bari

Oral exam: 28<sup>th</sup> July 2021 – h.09:00 a.m.,

Venue: Room A –4<sup>th</sup> floor - Dipartimento di Giurisprudenza Piazza Cesare Battisti, 1 - Bari

If the exam, due to the ongoing epidemiological emergency, may be taken online, it will be carried out in accordance with art. 6.

For more information please see: <https://uniba.it/ricerca/dipartimenti/lex/post-laurea/dottorati-di-ricerca>



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Il futuro alla portata di tutti

## ANNEX 6)

### PROFILE

#### PhD PROGRAMME IN ECONOMICS AND FINANCE OF PUBLIC ADMINISTRATIONS

CUN Scientific Areas: 13a - Economic and statistical science; 12 - Law; 02 - Physical sciences; 13b - Economics and business sciences

Coordinator: Prof. Nicola Daniele Coniglio

Administrative headquarters: Dipartimento di Economia e Finanza, Università degli Studi di Bari Aldo Moro

PEC: direttore.dsem@pec.uniba.it

Duration: 3 years

Total PhD positions for this Call for Applications: 5

- n. 4 positions with scholarships of which n. 1 reserved to applicants that graduated in a non-italian university;
- n. 1 position without scholarship.

Curricula: NO

Applicants with a degree in the following areas of study (or equivalent if obtained in foreign universities) are eligible:

LM-16 Finanza (Finance)

LM-52 Relazioni internazionali (International relations)

LM-56 Scienze dell'economia (Economics)

LM-62 Scienze della politica (Political Sciences)

LM-63 Scienze delle pubbliche amministrazioni (Public Administration Science)

LM-76 Scienze economiche per l'ambiente e la cultura (Cultural and Environmental Economics)

LM-77 Scienze economico-aziendali (Economics and Business)

LM-81 Scienze per la cooperazione allo sviluppo (Cooperation and Development Sciences)

LM-82 Scienze statistiche (Statistical Science)

LM-83 Scienze statistiche attuariali e finanziarie (Financial Statistics)

LM-87 Servizio sociale e politiche sociali (Social and Political Science)

LM-90 Studi europei (European Studies)

LM-92 Teorie della comunicazione (Communication Theories)

LM/SC-GIUR Scienze Giuridiche (Law)

19/S (specialistiche in finanza) (Master in Finance)

22/S (specialistiche in giurisprudenza) (Master in Law)

49/S (specialistiche in metodi per la ricerca empirica nelle scienze sociali) (Master in Empirical Methods for Social Science)

60/S (specialistiche in relazioni internazionali) (Master in International Relations)

64/S (specialistiche in scienze dell'economia) (Master in Economics)

70/S (specialistiche in scienze della politica) (Master in Political Science)





71/S (specialistiche in scienze delle pubbliche amministrazioni) (Master in Public Administration Science)

83/S (specialistiche in scienze economiche per l'ambiente e la cultura) (Master in Cultural and Environmental Economics)

84/S (specialistiche in scienze economico-aziendali) (Master in Economics and Business)

88/S (specialistiche in scienze per la cooperazione allo sviluppo) (Master in Cooperation and Development Sciences)

90/S (specialistiche in statistica demografica e sociale) (Master in Demography and Social Statistics)

91/S (specialistiche in statistica economica, finanziaria ed attuariale) (Master in Economic and Financial Statistics)

92/S (specialistiche in statistica per la ricerca sperimentale) (Master in Statistics for Research)

99/S (specialistiche in studi europei) (Master in European Studies)

101/S (specialistiche in teoria della comunicazione) (Master in Communication Theories)

102/S (specialistiche in teoria e tecniche della normazione e dell'informazione giuridica) (Master in Theory and Practice of Law-making and judicial information)

LMG/01 GIURISPRUDENZA) (Law)

PhD positions – with and without scholarships - will be awarded following a public competition according to the ranking established by the selection committee.

**Selection criteria (ordinary PhD positions, i.e. non-reserved to graduates from foreign universities):**

The exam procedures will be carried out in accordance with art. 6 lett. C

Evaluation of academic titles + interview for the discussion of a PhD project submitted with the application.

The selection of PhD candidates will be carried out considering the academic titles/professional experiences of the applicants as well as an interview. During the interview, applicants will also discuss their PhD project (max 4 pages). The candidates are required to submit the PhD project together with the application form.

The interview will also be finalized to test proficiency in English language. The interview might be done in videoconference (art. 17 regulations).

**Foreign candidates** might decide to take the written test and the interview in Italian or in English.

**Selection criteria (reserved PhD positions, i.e. graduates from foreign universities):**

The exam procedures will be carried out in accordance with art. 17 procedure 2

Evaluation of academic titles + interview for the discussion of a PhD project submitted with the application.

The selection of PhD candidates who graduated from foreign universities and reside abroad will be carried out considering the academic titles/professional experiences as well as through an interview. The interview might be done in videoconference (art. 17 regulations). A PhD project (max 4 pages) might be submitted by the candidates together with the application form; in this case it will be discussed during the interview.

A separate ranking will be done by the selection committee for candidates applying for the reserved PhD position. In case the reserved position will not be awarded to foreign candidates it will be awarded to suitable candidates following the main list.



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**Selection dates for ordinary PhD positions:**

Interview: 26/July/2021 (time 10.30 am)

Location: Dipartimento di Economia e Finanza, Università degli Studi di Bari Aldo Moro, Largo Abbazia Santa Scolastica, 70124 Bari.

**Selection dates for PhD positions reserved to graduate from foreign universities:**

*see website for details:*

Oral interview: 26/July/2021 (time 15.00 pm)

Location: Dipartimento di Economia e Finanza, Università degli Studi di Bari Aldo Moro, Largo Abbazia Santa Scolastica, 70124 Bari (or organized in videoconference)

**For further information:** <https://www.uniba.it/ricerca/dipartimenti/dse/dottorato>



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ANNEX 7)

## PROFILE-

### PhD PROGRAMME IN ECONOMICS AND MANAGEMENT

Subject area CUN:-13a - Economic and statistical science; 13b – Economics and business sciences

Coordinator: Prof. Angela S. Bergantino

Administrative location: Dipartimento di Economia, Management e Diritto dell'Impresa

PEC: [direzione.demdi@pec.uniba.it](mailto:direzione.demdi@pec.uniba.it)

Total number of positions available in the competition: n. 8

- 6 positions with scholarship funded by the University of Bari Aldo Moro
- 2 positions without scholarship

Duration: 3 years

Curricula:

1. Economics (Scientific Subject Codes: SECS-P/01, SECS-P/02, SECS-P/03, SECS-P/05, SECS-P/06 and SECS-S/06)
2. Management and technology (Scientific Subject Codes: SECS-P/07, SECS-P/11, SECS-P/13 and SECS-S/04)

#### Admission procedure (ordinary posts):

The exam procedures will be carried in accordance with art. 6 lett. C

Selection will take place on the basis of the assessment of the qualifications and the oral test, including the discussion of a research project proposed by the candidate, inherent to the themes of the PhD (written in Italian or English, between 1,000 and 2,000 words), sent together with the application for admission. The assessment will include verification of knowledge of the following foreign language: English.

The test will take place by videoconference, in accordance with the procedures reported in the "Bando". The examination for the two curricula will be carried out in common and there will be a single merit list. The positions available will be allocated among the various curricula according to the order in the merit list, until the positions are filled. The positions with scholarship will be assigned in priority according to the order of the merit list.

#### Method of carrying out the tests for foreign candidates:

Foreign candidates may choose to sit the examination in Italian or in English.

#### Admission examination calendar:

Oral test: 22 July 2021 at 9.30 a.m.

For further information please consult the website: <https://www.uniba.it/ricerca/dipartimenti/demdi/ricerca/dottorato-di-ricerca-1>

ANNEX 8)

PROFILE

**PhD PROGRAMME IN PHYSICS**

**in agreement with ISTITUTO NAZIONALE di FISICA NUCLEARE, FRASCATI - ROMA**

CUN Scientific Area: 02 – Physical sciences

Coordinator: Prof. Giuseppe Gonnella

Administrative headquarters: Dipartimento Interateneo di Fisica

PEC: [direzione.fisica@pec.uniba.it](mailto:direzione.fisica@pec.uniba.it)

Affiliated headquarters: Istituto Nazionale di Fisica Nucleare, Frascati - Roma

Scholarship duration: 3 years

Total positions available: n. 15:

- n. 6 ordinary positions with scholarship granted by University of Bari. Two positions are reserved to graduate students from foreign universities;
- n. 4 ordinary positions with scholarship granted by INFN;
- n.1 position financed by the company Elettronica SpA, Rome;
- n. 1 position with a “higher education apprenticeship contract” for graduates under the age of 30. The contract is established with Planetek Italia srl on the project:  
**“Earth Observation services based on satellite hyperspectral data”**
- n. 1 position with a “higher education apprenticeship contract” for graduates under the age of 30. The contract is established with G.A.P. srl on the project:  
**“Multi-temporal radar interferometry data analysis and applications”;**
- n. 2 positions without scholarship.

Curricula:

1) Nuclear and subnuclear physics (FIS/01, FIS/04);

2) Condensed matter physics, photonics, quantum technologies (Settori Scientifico disciplinari: FIS/01, FIS/03)-

3) Applied physics (FIS/01, FIS/07);

4) Theoretical physics (FIS/02).

**Admission procedures (ordinary positions):**

The exam procedures will be carried in accordance with art. 6 lett. C

Selection will be based on the CV evaluation and an interview. The knowledge of the English language will be also verified. The interview will concern physics fundamental arguments from the courses of the First Degree in Physics, and the research interests of the candidate related to the doctorate in physics.

There will be a unique merit list and the scholarships will be assigned following the order in the merit list.

Foreign candidates can choose to take the admission exam in Italian or English.

**Scholarships reserved to graduate students from foreign universities:**

The exam procedures will be carried out in accordance with art. 17 procedure 2



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The selection will be based on the CV evaluation and the interview. The research project will be also discussed during the interview. On request, the interview can be through videoconference according to the procedure outlined in art. 17 of the call. There will be a separate merit list. Scholarships not assigned to graduate students from foreign universities will be granted to candidates of the ordinary merit list.

**Admission exam timetable:**

Oral exam: July 22th 2021, H: 12.00

Depending on the status of the ongoing epidemiological emergency, if possible, the oral exam will be held at Dipartimento di Fisica, Aula A, Campus Universitario, via Orabona 4, Bari, Italy

Otherwise, or in any case if requested by the candidate, the examination may be taken online, in accordance with art. 6.

**Interview schedule for graduate students from foreign universities:**

See the website <http://phdphysics.cloud.ba.infn.it>

Interview will begin on July 26<sup>th</sup> 2021

**Additional information at:** <http://phdphysics.cloud.ba.infn.it>



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ANNEX 9)

## PROFILE

### PhD PROGRAMME IN GEOSCIENCES

CUN Subject area: 04 Earth Sciences

Scientific Subject Codes: GEO/01, GEO/02, GEO/03, GEO/04, GEO/05, GEO/06, GEO/07, GEO/08, GEO/09, GEO/10 and GEO/11

Coordinator: Prof. Massimo MORETTI

Administrative location: Dipartimento di Scienze della Terra e Geoambientali

PEC: direttore.geo@pec.uniba.it

Duration: 3 years

Total number of positions available: 4

- 4 positions with scholarship funded by the Bari University (ordinary positions)

*Curricula:* NO

There will be a unique merit list and the scholarships will be assigned following the order in the merit list.

#### **Evaluation of applicants:**

The exam procedures will be carried out in accordance with art. 6 lett. C.

Applicants will be selected by titles and oral examination.

Candidates will have the oral exam through videoconferencing tools (Microsoft Teams).

The oral exam will also evaluate the candidate's knowledge of English.

Foreign applying candidates can choose Italian or English language for their admission exam.

#### **Admission Exam dates and time:**

Oral exam: Wednesday 28<sup>th</sup> July 2021, at 10:00 a.m.

Specific research topics are available for PhD students of the 37<sup>th</sup> Cycle of Geosciences.

A list of eight research programs will be selected by the Teaching Board and it will be shown in the following website: <http://www.geo.uniba.it/dottorato-presentazione.html>

Videoconference details will be available some days before the admission exam date in the following website: <http://www.geo.uniba.it/dottorato-presentazione.html>

## ANNEX 10)

### PROFILE

#### **PhD PROGRAMME IN SUSTAINABLE LAND MANAGEMENT in convention with POLYTECHNIC UNIVERSITY OF BARI**

Scientific Areas CUN: 07 – Agricultural and Veterinary Sciences, 08b – Civil Engineering, 02 – Physical sciences, 04 – Earth Sciences, 05 - Biological Sciences, 08b – Architecture, 09 - Industrial and information engineering.

Scientific Disciplinary Sectors: AGR/01, AGR/03, AGR/04, AGR/05, AGR/08, AGR/09, AGR/10, AGR/11, FIS/01, FIS/07, BIO/03, GEO/05, ICAR/01, ICAR/02, ICAR/03, ICAR/06, ICAR/07, ICAR/20, ING-IND/16, ING-IND/22, ING-IND/35 e ING-INF/07.

Coordinator: Prof. Francesco GENTILE

Administrative headquarters: Dipartimento di Scienze Agro-Ambientali e Territoriali (Department of Agricultural and Environmental Science)  
PEC: direttore.disaat@pec.uniba.it

Affiliated headquarters: Polytechnic University of Bari

Duration: 3 years

Total number of positions: n. 8

- n. 3 positions with a scholarship from University of Bari Aldo Moro
- n. 3 positions with a scholarship from Polytechnic University of Bari
- n. 1 position with a scholarship from Dipartimento di Scienze Agro-Ambientali e Territoriali of University of Bari Aldo Moro
- n. 1 position without scholarship

Curricula: NO

#### **Admission procedure:**

The exam procedures will be carried out in accordance with art. 6 lett. C.

The selection will be based on the evaluation of qualifications and an oral test. The knowledge of a foreign language (English) will be evaluated during the oral test.

Upon submitting the application, the candidate must **attach a synthetic research project**, which can be written in Italian or English, of a maximum length of 2500 words. The research project, which must be relevant to the topics of the PhD Course in Sustainable land management, will be discussed during the oral test. The topics covered in the research project are in no way binding for the identification of the topic that will be developed during the PhD Course. Foreign candidates can choose to take the oral test in Italian or English.

**Failure to submit the project in the application is under penalty of exclusion from the procedure.**

#### **Admission exam dates and time:**

The evaluation of qualifications will take place on July 22, 2021. The oral exam will begin on July 26, 2021 at 9.00 am until the completion of the evaluation of all candidates and will take place



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online on the Teams platform. The oral exam calendar and the methods for accessing the platform will be published on the phd Course website by 24 July 2021.

**For further information see the PhD Course website:**

<https://www.uniba.it/ricerca/dipartimenti/disaat/dottorato/en>





## PROFILE

### PhD PROGRAMME IN COMPUTER SCIENCE AND MATHEMATICS

Subject area CUN: 01 Mathematics and Computer Science, 09 Industrial and Information Engineering

Coordinator: Prof. Maria Francesca COSTABILE

Administrative office: Dipartimento di Informatica – Università di Bari Aldo Moro

PEC: direzione.di@pec.uniba.it

Duration: 3 years

Number of available positions: 9

- 5 positions with scholarships funded by the University; 1 of these has a priority for graduates from foreign Universities.
- 1 position without scholarship
- 1 position with scholarships funded by STIIMA-CNR-Milano, for Curriculum 1) Computer Science, to develop research on the following topic:

#### **Non-destructive contactless quality control in the agroalimentary supply chain**

The research will deal with the application of computer vision and machine learning to the analysis of agro-alimentary products to achieve the following objectives: a) to evaluate their global visual quality; b) to estimate some of their internal characteristics that determine nutraceutical and organoleptic properties; c) to verify the sustainability of their cultivation strategies in terms of use of critical resources (water, fertilizers, ... ). The overall goal is to study, to develop and to verify experimentally a computer vision system that exploits artificial intelligence and machine learning to be effective and flexible on several products and in different environments along the whole supply chain. The system is expected to combine the low-cost, fast, non-destructive and contactless characteristics of human visual evaluations with objectivity and consistency that are typical of laboratory methodologies.

- 2 positions with a “higher education apprenticeship contract” for graduates under the age of 30, for Curriculum 1 Computer Science. The contracts are established with **Deloitte Risk Advisory Srl** – Milano for developing research on topic C1, and with Spin-off **SER&P** - Bari for developing research on topic C2:

#### **C1. Cyber Security in Smartcities**

Smartcities as an element of experimentation with new urban strategies aimed at improving quality of life and well-being of citizens also through the use of ICT technologies, are gradually becoming a reality. A smart city is a complex and strongly interconnected system, inspired by a multidimensional model that sees different technologies intersect multiple services in different application domains, from health to welfare through mobility and energy. In this scenario, which is seeing an increasing number of interacting devices, sensors and software system, security becomes a highly critical element. In this scenario, the goal of the research is the proposition and experimentation of new protection methods, inspired by the Detection-Response-Prevention model, able to increase resiliency of smartcities by mitigating the waterfall effects.

#### **C2. Cyber Security in the development of unconventional systems**



The speed impressed on the digitization process, also as a consequence of the pandemic crisis in progress, is causing an exponential growth in threats to the privacy and security of software systems and a significant expansion of the attack perimeter. Another relevant trend is represented by the increase in “unconventional systems”, such as cyber-physical systems strongly based on Artificial Intelligence, for example self-driving and semi-autonomous vehicles, in which the vulnerabilities are not located in the code but can also arise from the inability of algorithms used to correctly analyze atypical and unexpected behaviors or even emerge from the combined use of software systems and physical devices. The goal of the research is the proposition and experimentation of advanced software processes, guidelines and tools able to operate in complex and unconventional scenarios, supporting the software engineer in the development of secure systems as well as in securing the existing ones.

*Curricula:*

1. Computer Science (Scientific Subject Code: INF/01, ING-INF/05)
2. Mathematics (Scientific Subject Code: MAT/03, MAT/04, MAT/05, MAT/06, MAT/07, MAT/08)

Even if the PhD programme is organized in the two curricula mentioned above, the available positions will be assigned according to the ranking obtained by the applicants, until all positions are covered and by taking into account the reserved positions. Thus, the applicants do not have to provide their choice of the curriculum.

**Admission procedure**

The selection procedure is the one indicated at art. 6 letter C, namely the applicants will be evaluated on the basis of: a) the documents presented with the application, b) an oral exam that will also include the assessment of the applicant’s knowledge of English. The exam will be online.

As regards the applicants to either the position with scholarships funded by STIIMA-CNR or to one or both positions with apprenticeship contract, during the oral exam the Committee will also ask questions about the specific research topic. Applicants interested in this position with an apprenticeship contract have to indicate in the application.

**Admission exam date and time:**

The exams will start on July 22<sup>nd</sup> 2021. Exact date and time will be communicated to each applicant via email by July 21<sup>st</sup> 2021; the exam schedule will also appear on the website of the PhD Programme in Computer Science and Mathematics (<http://dottorato.di.uniba.it>).

**Position reserved to graduates at foreign Universities**

The selection procedure is the one indicated at art.17, procedure 2, namely applicants will be evaluated on the basis of: a) the documents presented with the application, b) an interview in which, among other things, they will discuss a research project (written in English, max 500 words) presented with the application. The interview, which will be in English or Italian depending on the applicant’s choice, will be conducted online. The results of the interview will be combined with the evaluation of the application documents to create a ranking. In case the scholarships will not be assigned to graduates at foreign Universities, it will be awarded to the next students in the ranking of ordinary positions.

*Interview date and time*



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The interviews will start on July 22<sup>nd</sup> 2021. Exact date and time will be communicated to each applicant via email by July 21<sup>st</sup> 2021; the interview schedule will also appear on the website of the PhD Programme in Computer Science and Mathematics (<http://dottorato.di.uniba.it>).

**For more information, see <http://dottorato.di.uniba.it>**



**ANNEX 12)**

**PROFILE**

**PhD PROGRAMME IN HUMANITIES, LANGUAGES AND ARTS**

CUN Scientific Areas: 10 Antiquity Studies, Philology, Literary Studies, Art History.

Coordinator: Professor Olimpia Imperio

Administrative Office: Department of Lettere Lingue Arti. Italianistica e Culture comparate

PEC: [direzione.lingue@pec.uniba.it](mailto:direzione.lingue@pec.uniba.it)

Duration: 3 years

Total number of PhD positions: 6

- 4 positions with scholarship funded by the University of Bari
- 1 position reserved to candidates who hold a Master's degree awarded by a non-Italian university
- 1 position reserved to an apprenticeship contract sponsored by Auriga S.p.A. Altamura (Ba) for the research project: **Analysis and Optimization of Dialogue System in Banking Software System: analysis, development and implementation of conversational interfaces on ATM software, as chatbots and voice assistants, able to interact with the user and guiding him/her in completing the operations**

Subject Areas/*Curricula*:

1. Literatures and Philology (Academic Disciplines for Research and Teaching: L-FIL-LET/02, L-FIL-LET/04, L-FIL-LET/09, L-FIL-LET/10, L-FIL-LET/11, L-FIL-LET/14; L-LIN/03, L-LIN/10, L-LIN/13, L-LIN/21 and L-LIN/05).
2. Languages, Linguistics and Translation (Academic Disciplines for Research and Teaching: : L-LIN/04, L-LIN/07, L-LIN/12, L-LIN/14 and L-LIN/21);
3. Arts, Theatre, Music and Performing Arts (Academic Disciplines for Research and Teaching: L-ART/01, L-ART/02, L-ART/03, L-ART/05, L-ART/06, L-ART/07, L-FIL-LET/02, L-LIN/05, L-LIN/10, L-LIN/11 and L-FIL-LET/10).

To identify code and title of the above-mentioned specific academic disciplines see:

<https://www.cun.it/documentazione/academic-fields-and-disciplines-list/>

The exam questions will be relevant to the curriculum chosen by the candidate. The results will be published in one merit ranking list. All the positions available will be awarded according to the merit ranking list. It is mandatory for candidates to indicate the curriculum they have chosen

**Admission (ordinary positions):**

The verification procedures as to ordinary positions take place in compliance with Article 6 Letter B.

The selection will be made on the basis of Academic qualifications + Research Project proposal + interview. The candidate's research project can be submitted either in Italian or in English.

The candidate's knowledge of one second language, i.e. English, French, Spanish, German, or Russian will be tested during the interview.

Applicants interested in the position with an apprenticeship contract have to indicate in the application.



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### **Exam procedures in English for foreign candidates:**

Foreign candidates may be examined in Italian or in English, French, Spanish, German or Russian.

### **Positions for candidates who hold an M.A. Degree from a non-Italian University**

The verification procedures as to the positions for candidates holding an MA Degree from a non-Italian University take place in compliance with Article 17, procedure 2.

Note that the oral examination includes assessment of the candidate's knowledge of one second language, i.e. English, French, Spanish, German or Russian.

Candidates with an M.A. Degree from non-Italian Universities will enter a separate merit ranking list.

Should the position not be awarded, it will be re-assigned to candidates from Italian Universities.

### **Position reserved to an apprenticeship contract sponsored by Auriga S.p.A.:**

The verification procedures will be the same as those implemented for the ordinary positions.

**Interview: 22 July 2021**

**Timetable: 9.00 a.m.**

**Location:** Owing to the on-going Covid-19 emergency, the interview will take place online; the procedure that will be adopted is compliant with Article 6 of the call.

Further information on the interview and suggested readings is available

at: (<http://www.uniba.it/ricerca/dipartimenti/lelia/ricerca/dipartimenti/lelia/offerta-formativa/dottorato>)

ANNEX 13)

**PROFILE**

**PHD PROGRAMME IN METABOLISM, AGING AND SOCIAL MEDICINE-  
METABOLISMO, INVECCHIAMENTO E MEDICINA SOCIALE**

Scientific Areas CUN: 06 – Medical Sciences; 07 – Agricultural and veterinary sciences

Scientific disciplinary sectors: MED/04; MED/06; MED/09; MED/28; MED/36; MED/43;  
MED/44; MED/50; AGR/15; VET/04

Coordinator: Prof. Antonio Moschetta

Administrative office: Interdisciplinary Department of Medicine

PEC: direzione.dim@pec.uniba.it

Duration: 3 years

Total number of positions available: n. 4

- 4 positions with scholarship funded by the Interdisciplinary Department of Medicine - University of Bari: 3 positions for the curriculum 1); 1 position for the curriculum 2)

Curricula:

- 1) Clinical and experimental research (Scientific disciplinary sector: MED/06; MED/09; MED/28; MED/36; MED/43; MED/44)
- 2) Translational research (Scientific disciplinary sector: MED/04; MED/50; AGR/15; VET/04)

**Procedures for admission to the ordinary competition:**

The verification procedures are carried out pursuant to Article 6 letter A.

The selection will take place through an evaluation based on qualifications, a written test and an oral test with discussion of a research project concerning the topics of the doctoral course (between 1,500 and 2,000 words), previously sent by the candidate together with the admission application, **under penalty of exclusion.**

The oral exam will focus on the discussion of the research project in relation to its originality, methodological rigor and consistency with the research lines of the doctorate. Knowledge of the English language will also be verified as part of the oral exam.

The exams will be distinguished for each curriculum and the respective rankings will merge into a single final ranking that will entitle access. The positions available will be assigned, among the various curricula, according to the order in the merit ranking, until the positions are exhausted. Positions that have not been assigned due to lack of suitable candidates in a curriculum, will be assigned to candidates found to be suitable for other curricula, based on the score obtained in the general ranking. Candidates must indicate the choice of curriculum, **under penalty of exclusion from the competition.**

**Methods for completing the tests in English for foreign candidates:**

Foreign candidates can choose to take the selections in Italian or English.



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**Admission exams calendar for the ordinary competition:**

Evaluation of qualifications: 22 July 2021, 9:30 am;

Written exam: 26 July, 2021, 9:30 am;

Oral exam: 03 August 2021, 9:30 am.

Location of the tests: Aula Magna "G. De Benedictis" - Polyfunctional Center – Bari Polyclinic

**For more information about the competition, visit the website:**

<https://www.uniba.it/ricerca/dipartimenti/dim>

ANNEX 14)

PROFILE

**PhD PROGRAMME IN APPLIED NEUROSCIENCES**

Scientific CUN areas: 05 (BIOLOGICAL SCIENCES), 06 (MEDICAL SCIENCES) e 11b (PSYCHOLOGY SCIENCES).

Coordinator: Prof. Domenico RIBATTI

Administrative office: Department of Basic Medical Science, Neuroscience and Sense Organs  
PEC: segreteria@direzione.smbnos@pec.uniba.it

Duration: 3 years

Total number of positions available as PhD students: n.6

- n. **4 positions** with scholarship programs funded by the University of Bari assigned as follows:
  - n. **3 positions** for the **curriculum # 1**
  - n. **1 positions** for the **curriculum # 2**
- n. **1 position** with scholarship programs funded by “Organizzazione Sanitaria Meridionale Assistenza Inabili e Recupero Minori (OSMAIRM)” for **curriculum # 2** (for Scientific-Disciplinary Sector MED/39 – CHILD NEUROPSYCHIATRY)
- n. **1 position** without scholarship for the **curriculum # 2**

Curricula:

1) Basic Sciences: (Scientific-Disciplinary Sector: BIO/09, BIO/10, BIO/11, BIO/12, BIO/13, BIO/14, BIO/16 e BIO/17)

2) Clinical Sciences: (Scientific-Disciplinary Sector: MED/05, MED/10, MED/25, MED/26, MED/27, MED/30, MED/31, MED/33, MED/34, MED/39, MED/48, MED/50, M-PSI/01, M-PSI/08 e M-EDF/02)

Examinations will be appropriate for each curriculum and the resulting graded lists will converge in a single final list for the admissions to the PhD Course. All positions available in each curriculum will be covered even by successful candidates applying for different curricula in the case of lack of winners in a specific curriculum, with respect to the graded list. Candidates must indicate the curriculum that they choose, **pending their exclusion from the competition.**

**Arrangements for admission:** The exam procedures will be carried out in accordance with art. 6 lett. A. The selection process will include the evaluation of the titles, written and oral exams as well as a verification of the knowledge of the English language.

**Exam procedures in English for foreign candidates:** Foreign candidates can do the exam in Italian or in English.

**Calendar of admission exams:**

Written exam: **THURSDAY, JULY 22, 2021 at 10:00 AM**





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Venue of the exams: **Classroom “A” - “New Complex of Biomedical Sciences” – Policlinico  
Conorziale di Bari – Piazza Giulio Cesare, 11 – Bari – 70124.**

Oral exam: **THURSDAY, JULY 29, 2021 at 10:00 AM**

Venue of the exams: **Classroom “A” - “New Complex of Biomedical Sciences” – Policlinico  
Conorziale di Bari – Piazza Giulio Cesare, 11 – Bari – 70124.**

For more information, see: <http://www.uniba.it/ricerca/dottorati>

<https://www.uniba.it/ricerca/dipartimenti/smbnos/ricerca/nuovo-corso-di-dottorato-di-ricerca>



## PROFILE

### **PHD PROGRAMME IN MEDITERRANEAN ARCHAEOLOGICAL, HISTORICAL, ARCHITECTURAL AND LANDSCAPE HERITAGE: INTEGRATED SYSTEMS OF KNOWLEDGE, PLANNING, PRESERVATION AND PROMOTION in agreement with the POLYTECHNIC of BARI and the National Research Council (CNR)**

Scientific Areas CUN: 10 - Ancient History, Philology, Literature and Art History, 08a– Civil Engineering, 08a – Architecture.

Coordinator: Prof. Giuliano VOLPE

Administrative office: Department of Humanities, University of Bari 'Aldo Moro'

PEC: segreteria.disum@pec.uniba.it

Affiliated offices: Bari Polytechnic and National Research Council (CNR)

Duration: 3 years

Total number of positions: 11

- 3 positions with scholarship funded by the University of Bari Aldo Moro, 1 reserved for graduates from foreign universities
- 3 positions with scholarship funded by the Bari Polytechnic
- 3 positions with scholarship funded by the National Research Council (CNR)
- 2 positions without scholarship

Curricula:

1. Archaeological, historical, architectural and landscape heritage: knowledge, methods and techniques (Scientific Subject Code: L-ANT/01, L-ANT/06, L-ANT/07, L-ANT/08, L-ANT/09, L-ANT/10, L-FIL-LET/01, ICAR/15, ICAR/18 e ICAR/21)
2. Archaeological, historical, architectural and landscape heritage: project methods and techniques (Scientific Subject Code: ICAR/08, ICAR/14, ICAR/15, ICAR/16, ICAR/18, ICAR/21, L-ANT/07, L-ANT/08 e L-ANT/10,)

#### **Admission procedure (ordinary positions):**

The exam procedures will be carried in accordance with art. 6 lett. B

The selection procedure consists of the evaluation of qualifications, the research proposal and an interview, during which the knowledge of one of the following foreign language will be examined: English, French, Spanish.

In support of the research proposal, the candidate may also submit two letters of recommendation from accredited scholars in the proposed research field.

There will be a single admission procedure and ranking list for both scientific *curricula*.

The positions available will be allocated between the two *curricula* according to the candidates' order in the list, until all are filled.

Scholarships will be assigned primarily in order of ranking. Positions without scholarship will be assigned next, in order of ranking.

#### **Admission procedure for foreign candidates:**

Foreign candidates can choose to take the interview in Italian, English, French or Spanish.

#### **Positions reserved for graduates in foreign universities:**

The exam procedures will be carried out in accordance with art. 17 procedure 2.



The selection procedure consists of the evaluation of qualifications, the research proposal and an interview. The candidate must also submit two letters of recommendation from accredited scholars in the proposed research field in support of the research proposal.

Candidates can choose to take the interview in videoconference, according to the rules illustrated in article 17 of the Call for applications.

A separate ranking list will be made for the positions reserved for graduates from foreign universities. In case of lack of applications or suitable candidates, the positions will be assigned to qualified candidates in the ordinary ranking.

**Access requirements:**

“Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.) in:

LM-2 Archaeology

LM-3 Landscape architecture

LM-4 Architecture and construction engineering

LM-11 Conservation and restoration of cultural heritage

LM-15 Ancient philology, literature and history

LM-43 Information technology methods for the humanities

LM-48 Regional, urban and environmental planning

LM-84 History

LM-89 Art history

LMR/02 Conservation and restoration of cultural heritage

2/S Archaeology

3/S Landscape architecture

4/S Architecture and construction engineering

10/S Conservation of architectural heritage and environment

12/S Conservation and restoration of cultural heritage

15/S Philology and classical literature

54/S Regional, urban and environmental planning

93/S Ancient history

95/S Art history

97/S Medieval history

98/S Modern history

Degree taken under the old Italian university system (prior to the one introduced by the Italian Ministerial Decree No. 509/99) in Humanities and Architecture

**Access requirements for graduates from foreign universities:**

Equivalent foreign degree in the same scientific fields

**Admission interview date and time:**

Candidates can choose, upon reasoned request, to take the interview in videoconference.

Date: 27-28 July 2021 Time: 9 a.m.

Venue: Sala del Consiglio, Department of Humanities, University of Bari ‘Aldo Moro’, Santa Teresa dei Maschi, Strada Torretta (Borgo Antico)

If the examination, due to the ongoing epidemiological emergency, may be taken online, it will be carried out in accordance with art. 6.

**Admission interview date and time for positions reserved for Graduates from foreign universities:**

*see website for details*

Videoconference

Date: 29 July 2021 Time: 9 a.m

See the PhD program website



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For more information see the website: <https://www.uniba.it/ricerca/dipartimenti/disum/post-laurea/patrimoni-archeologici-storici-e-paesaggistici-mediterranei-sistemi-integrati-di-conoscenza-progettazione-tutela-e-valorizzazione>

ANNEX 16)

## PROFILE

### PHD PROGRAMME IN ANIMAL HEALTH AND ZOOSES

Subject area CUN: 07 Agricultural and Veterinary Sciences, 06 Medical Science  
Scientific Subject Code: VET

Coordinator: Prof.ssa Maria Tempesta

Administrative location: Department of Veterinary Medicine, Strada Prov.le per Casamassima Km. 3 – Valenzano (Bari), 70010  
PEC: direttore.dimev@pec.uniba.it

Duration: 3 years

Positions available: 8

- 7 positions with a scholarship, 2 of which reserved to graduates from foreign Universities
- 1 position without scholarship

#### A) MAIN SELECTION

##### Modality of admission:

The exam procedures will be taken in accordance with art. 6 lett. B.

The selection procedure will be based on the evaluation of the candidate qualifications and of a research project (written in English) focusing on one of the topics of the PhD course. The oral examination will consist of an interview to discuss the candidate's qualifications and skills and the presented research project. For mother tongue Italian speakers, the knowledge of the English language will be tested during the oral examination.

##### Examination of foreign candidates:

For foreign candidates the oral examination will be carried out in English.

##### Scheduled dates and times:

Oral examination: 23rd July 2021 at 09:00 a.m.

Place: the oral examination may be held in videoconference, using the Skype platform.

#### B) POSITIONS RESERVED TO GRADUATES FROM FOREIGN UNIVERSITIES

##### Modality of admission:

The exam procedures will be carried out in accordance with art. 17 procedure 2.

For the positions reserved to graduates from foreign Universities, the selection will be made on the basis of the evaluation of the candidate's qualifications and of a research project focusing on one of the topics of the PhD course. The oral examination will consist of a skype interview to discuss the candidate's qualifications and skills and the presented research project. In the case that one or more positions cannot be assigned, they will be attributed to candidates from the general merit ranking list.

##### Examination of foreign candidates:

For foreign candidates the oral examination will be carried out in English.



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**Scheduled dates and times:**

Oral examination: 27th July 2021. The oral examination will be organised in remote (via skype). The times will be scheduled upon agreement with candidates and published on the PhD programme website ([http://www.uniba.it/ricerca/dipartimenti/dipmedveterinaria/post-laurea/dott\\_ric](http://www.uniba.it/ricerca/dipartimenti/dipmedveterinaria/post-laurea/dott_ric))

Further information can be found at

[http://www.uniba.it/ricerca/dipartimenti/dipmedveterinaria/post-laurea/dott\\_ric](http://www.uniba.it/ricerca/dipartimenti/dipmedveterinaria/post-laurea/dott_ric)



ALLEGATO 17)

PROFILE

PhD PROGRAMME IN PUBLIC HEALTH, CLINICAL MEDICINE AND ONCOLOGY

**Scientific Areas CUN:** 06-Medical Sciences, 05-Biological Sciences

**Scientific Subject Code:** MED/42, MED/09, MED/18, BIO/14, MED 38, MED/17, MED/16, MED/06, MED/01, MED/40

**Coordinator:** Prof.ssa Maria Teresa Montagna

**Administrative Office:** Department of Biomedical Sciences and Human Oncology

**PEC:** [segreteriaamministrativa.dimo@pec.uniba.it](mailto:segreteriaamministrativa.dimo@pec.uniba.it)

**Duration:** 3 years

**Curricula:** NO

Total positions available: n. 8

- n. 3 positions with scholarship funded by the University of Bari
- n. 1 position with scholarship funded by the University of Bari for graduates abroad
- n. 4 industrial PhD positions reserved for company employees, in accordance with art. 11 of the D.M. n. 45/13 and financed by:
  - ✓ **Aboca SpA** Società Agricola - San Sepolcro (AR) - for the following research project: "Real-life" verification platform of the therapeutic efficacy and safety of substance-based medical devices, used in the metabolic and gastroenterological fields;
  - ✓ **Eurisko Technology** Srl – Modugno (BA) - for the following research project: ECO.MED. – Platform of innovative technologies and algorithms in experimental and functional clinical ultrasound. Biomonitoring data management;
  - ✓ **Osmairm Srl** – Laterza (TA) - for the following research project: Video communication rooms for social interaction to support the assistance of autistic subjects in the COVID-19 period: "Telehealth Autism Social Intervention";
  - ✓ **Beijing Richen-force Science & Technology** Co, Ltd - Chaoyang District Beijing (Cina) - for the following research project: BREATH.MED. Use of 13C stable isotope Breath test in functional clinical medicine. Innovative applications for the biomonitoring of the gastro-entero-hepatic axis.

The positions available for competition will be assigned according to the order in the merit ranking, until the positions are exhausted.

**Admission procedure:**

The exam procedures will be taken in accordance with art. 6 lett. C

The selection will take place by scientific qualifications and oral exam. The oral exam will take place in the Aula San Giorgi, Biological Institutes - Policlinico di Bari and will include a verification of the English language knowledge.

**Exam procedures in English for foreign candidates:**

Foreign candidates can choose to take the exam in Italian or English language.

**Positions reserved for graduates of foreign universities:**

The exam procedures will be carried out in accordance with art. 17 procedure 2



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### **Admission exam calendar:**

Oral exam and knowledge of English language: Monday 26 July 2021

- 09:00 am for candidates graduated from foreign universities

- 10:00 am for candidates graduated from Italian universities

Oral exam and knowledge of English language for the Industrial PhD: Wednesday 28 July 2021, 9:00 am

With regard to places reserved for employees of Companies or external partners, admission to the doctoral course will be carried out according to the procedures set out in the call, without prejudice to the evaluation and discussion of a research project in Italian or English.

For further information please consult the website:

<https://www.uniba.it/ricerca/dipartimenti/scienzebiomediche>



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ANNEX 18)

## PROFILE

### PHD PROGRAMME IN CHEMICAL AND MOLECULAR SCIENCE

Scientific area CUN: 03 Chemical Science,

Coordinator: Prof. Luisa Torsi

Administrative location: Dipartimento di Chimica

PEC: [direttore.chimica@pec.uniba.it](mailto:direttore.chimica@pec.uniba.it)

Duration: 3 years

Total number of available positions: 7

- n.6 positions with scholarship funded by the University of Bari;
- n.1 position with scholarship funded by T&A Tecnologia e Ambiente srl

Curricula:

1. Advanced chemical processes (Scientific Subject Codes CHIM/01, CHIM/02, CHIM/03, CHIM/06)
2. Chemistry of innovative materials (Scientific Subject Codes CHIM/01, CHIM/02, CHIM/03, CHIM/06)
3. Chemistry of biological systems (Scientific Subject Codes CHIM/01, CHIM/02, CHIM/03, CHIM/06 and CHIM/12)

#### **Arrangements for admission (ordinary candidates)**

The exam procedures will be taken in accordance with art. 6 lett. C

The selection process will include the evaluation of the titles and oral exams as well as a verification of the knowledge of English language

The exams are unique and the ranking list will be unique.

The available positions will be assigned according to the ranking list.

#### **Methods of accomplishment for the exams in English for foreign candidates**

For foreign candidates, the oral exam can be done in Italian or in English.

#### **Admission Exam dates and time:**

Oral exam: July 30<sup>th</sup>, 2021 at 09:00 a.m.

Venue: Microsoft Teams platform

**For more information:** <https://www.uniba.it/ricerca/dipartimenti/chimica/ricerca/dottorato-di-ricerca>



**ALLEGATO 19)**

**PROFILE**

**PhD PROGRAMME IN PHARMACEUTICAL SCIENCE**

Scientific areas CUN: 03 Scienze Chimiche, 05 Scienze Biologiche  
Scientific Disciplinary Sectors: CHIM/06, CHIM/08, CHIM/09, BIO/14

Coordinator: Prof. Nicola Antonio Colabufo

Administrative headquarters: Dipartimento di Farmacia – Scienze del Farmaco

PEC: [direzione.farmacia@pec.uniba.it](mailto:direzione.farmacia@pec.uniba.it)

Number of fellowships: n. 5

- n. 4 fellowships from University of Bari and among them n. 1 for graduates in foreign universities
- n. 1 fellowships granted by Italfarmacy srl

Study period: 3 years

Curricula: NO

The fellowships will be awarded according to the the ranking of merit until all the available positions will be assigned.

**Modality of admission ordinary positions:**

The exam procedures will be taken in accordance with art. 6 lett. C

The selection will be performed on qualifications and exams (interview) with the assesement of the knowledge of the foreign language: English.

**Procedures for the oral exam for foreign candidates:**

Foreign candidates can choose to take the entrance examination in Italian or English

**Places reserved for graduates in foreign universities:**

The exam procedures will be carried out in accordance with art. 17 procedure 2.

The selection will be done based on qualifications and exams (interview). The interview exam, for foreign candidates living abroad, may also be held by videoconference, according to the procedures reported in the call (art. 17). A different ranking list will be drawn up for foreign students, provided that the not awarded fellowships will be assigned to the candidates listed in the ranking list of Italian students.

**Calendar of admission exams:**

Oral Proof: July 26, 2021, at 10 o'clock CET

*Where: Room 6, Department of Pharmacy, Campus E. Quagliariella, via E. Orabona 4, Bari*

**Calendar of admission exams for places reserved for graduates in foreign universities:**

Oral Proofs: July 23, 2021 at 10,00

For further information, please consult the following Web address:



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<https://www.uniba.it/ricerca/dipartimenti/farmacia/ricerca/dottorati-di-ricerca/dottorato-di-ricerca-in-scienze-del-farmaco/offerta-formativa-scienze-del-farmaco-xxxvii-ciclo>

ANNEX 20)

## PROFILE

### PhD PROGRAMME IN SOIL AND FOOD SCIENCES

CUN Scientific Areas: 07 – Agriculture and veterinary sciences; 03 – Chemical sciences; 06 – Medical sciences; 05 – Biological Sciences; 02 - Physical Sciences

Coordinator: Prof. Maria De Angelis

Administrative site: Department of Soil, Plant and Food Science – University of Bari Aldo Moro

PEC: [disspa@pec.uniba.it](mailto:disspa@pec.uniba.it)

Duration: 3 years

Total number of positions to apply for: n. 11:

- n. 5 positions with scholarship funded by University of Bari: n. 2 for the curriculum 1, n. 3, one of which is reserved to graduates in foreign universities, for the curriculum 2;
- n.1 industrial PhD funded by Siciliani S.p.A.- Industria Lavorazione Carni and reserved to the company employee, according to the art. 11 of the D.M. n. 45/13 for the project: **Optimization and standardization of sensory, functional and technological quality of bovine and pork meat**, for the curriculum 1;
- n.1 industrial PhD funded by Andriani S.p.A.- Industria Lavorazione Carni and reserved to the company employee, according to the art. 11 of the D.M. n. 45/13, for the project: **Bio-innovation in cereal, pseudo-cereal and legume pasta production**, for the curriculum 1;
- n.1 position with scholarship funded by the Department of Soil, Plant and Food Science and Institute for Food Productions Sciences-CNR, for the curriculum 1;
- n.1 position with scholarship funded by the Department of Soil, Plant and Food Science, on the project PRIMA – FlatBreadMINE, for the curriculum 1;
- n.1 position with scholarship funded by Panittica Italia Soc. Agricola s.r.l. for the curriculum 1;
- n.1 position without scholarship for the curriculum 2.

#### Curricula:

1) Food microbiology, technology, safety and chemistry; Scientific education sectors: AGR/16, AGR/15, CHIM/01, MED/38, AGR/19, BIO/12, CHIM/10, FIS/07, and AGR/01

2) Agricultural chemistry; Scientific education sectors: AGR/13, AGR/02 and AGR/01

The examination trials will be different for each curriculum and the corresponding rankings will be merged in a unique final ranking, which will provide winner applicants with right to access the position. The available positions will be assigned, among different curricula, based on the final ranking, until no available position is left.

In the case that no applicant will be included in the ranking corresponding to a given curriculum, the remaining available positions will be assigned to applicants, for the other curriculum, which will be listed in the final ranking.

Applicants are asked to indicate what curriculum they are applying to. **Should this not occur, the application will be automatically discarded.**

#### Application Requirements (Ordinary positions):



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Il futuro alla portata di tutti

The exam procedures will be taken in accordance with art. 6 lett. B.

The selection is based on qualifications, evaluation of a research project and oral exams.

The contents and formatting instructions for preparing the research project are available at the following website: <https://www.uniba.it/ricerca/dipartimenti/disspa/dottorato-di-ricerca/scienze-del-suolo-e-degli-alimenti/xxxvii-ciclo>

During the oral exam, applicants should prove also knowledge of the English language.

**Exam procedures in English for foreign candidates:**

Foreign candidates can choose Italian or English language for their admission exam.

**Position reserved for Graduates from Foreign Universities:**

The exam procedures will be carried out in accordance with art. 17 procedure 2.

The selection will take place based on the evaluation of qualifications and an oral exam. The oral exam, for candidates residing abroad, may also take place by videoconference, according to the procedures set out in the call (art. 17). A separate ranking will be formulated, however, if not used, the position will be assigned to candidates usefully placed in the ordinary ranking.

**Admission exam dates, time and place:**

Qualifications and evaluation of the research project: July 29<sup>th</sup>, 2021, at 9:00 a.m.

Oral test: August 2<sup>nd</sup>, 2021, at 9:00 a.m.

**Admission exam dates for position reserved for Graduates from Foreign Universities:**

Interview date: July 30<sup>th</sup>, 2021, at 9:00 a.m.; the exact time will be communicated via e-mail to the candidate.

The oral exams will be held by Teams, Skype or another platform.

For further information, visit the PhD website:

<https://www.uniba.it/ricerca/dipartimenti/disspa/dottorato-di-ricerca/scienze-del-suolo-e-degli-alimenti/xxxvii-ciclo>



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Il futuro alla portata di tutti

ANNEX 21)

## PROFILE

### PhD PROGRAMME IN HUMAN RELATION SCIENCES

CUN Scientific Areas: 06 – Medical Science; 10 – Philology, Literature, Arts of Antiquity; 11A Historical, Philosophical and Pedagogical Sciences; 11B Psychological Sciences; 13A Economic and Statistical Science; 14 – Politics and Social sciences;

Coordinator: Prof. Andrea Bosco

Administrative Office: Dipartimento di Scienze della Formazione, Psicologia, Comunicazione (Department of Education, Psychology, Communication)

PEC: [direttore.forpsicom@pec.uniba.it](mailto:direttore.forpsicom@pec.uniba.it)

Duration: 3 years

Total number of positions available: 7

- n. 7 positions with scholarship of which 1 is reserved for graduates in foreign universities:
  - 3 positions with scholarship for the curriculum 1)
  - 2 positions with scholarship for the curriculum 2)
  - 2 positions with scholarship for the curriculum 3)

Curricula:

1) Historical and social policies (scientific sectors: M-STO/02, SPS/01, SPS/02, SPS/06, SPS/07, SPS/08, SPS/12, L-LIN/03, L-LIN/10, M-FIL/05)

2) Educational dynamics and education to politics (scientific sectors: M-PED/01, M-PED/02, M-PED/03, M-PED/04, SECS-S/01)

3) Psychology: cognitive, emotional and communicative processes (scientific sectors: M-PSI/01, M-PSI/02, M-PSI/03, M-PSI/04, M-PSI/05, M-PSI/06, M-PSI/08, L-LIN/01, L-LIN/12, MED/43, M-FIL/01)

Examination will be differentiated for each curriculum and the respective rankings will merge into a single final ranking list that will make the candidate eligible for the grant.

The positions will be assigned, within each curriculum, according to its ranking, until all the positions have been filled.

Positions that have not yet been assigned due to lack of candidates in a curriculum, will be assigned to candidates who are suitable for other curricula, based on the score obtained in the general ranking.

Applicants are asked to indicate what curriculum they are applying to. **Should this not occur, the application will be automatically discarded.**

#### Admission procedure (ordinary positions):

The exam procedures will be taken in accordance with art. 6 lett. B.

The selection will be based on scientific qualifications, original research project, to be attached to the application, and oral examination on theoretical and methodological insights inherent in the



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contents of the project presented, and the assessment of the knowledge of a foreign language: English. The must have a maximum length of 15000 characters, spaces and bibliography included. The project must include four sections: 1) state of the art / rationale and aims of the project, 2) method, 3) expected results, 4) potential threats to project success.

The candidates' admission to the oral examination will be conditional upon a positive evaluation of the original research project.

The research project will be discussed and the knowledge of the English as a foreign language will be assessed during the oral examination.

#### **Examination for foreign candidates:**

Foreign candidates can choose to take the exam either in Italian or English.

#### **Positions reserved for graduates from foreign universities:**

The exam procedures will be carried out in accordance with art. 17 procedure 2.

The selection will be based on the evaluation of the scientific qualifications and of an oral examination. The oral examination is held by videoconference, according to the procedures set out in the notice (art. 17). A separate ranking will be formulated: the intended positions, if not assigned to graduates from foreign universities, will be assigned to candidates in the ordinary ranking.

#### **Calendar of the admission exams for ordinary positions:**

Selection procedures start (for the panel members only): July 28<sup>th</sup> 2021 at 9.00 a.m.

Publication of the admitted candidates to the oral examination: July 30<sup>th</sup> 2021, on the following website:

<https://www.uniba.it/ricerca/dipartimenti/forpsicom/didattica/formazione-postlaurea/dottorato>

Oral interview: August 2<sup>nd</sup>, 2021 at 10.00 a.m., on the MS Teams platform (code: 3lold4d). Candidates will be invited to share the platform by an e-mail notification. The address of the e-mail is that they have declared on the registration form.

#### **Admission exam calendar for the position reserved to graduates from foreign universities:**

Oral interview: August 2<sup>nd</sup>, 2021 at 10.00 a.m., on the MS Teams platform (code: 3lold4d). Candidates will be invited to share the platform by an e-mail notification. The address of the e-mail is that they have declared on the registration form.

For more information, visit the website:

<https://www.uniba.it/ricerca/dipartimenti/forpsicom/didattica/formazione-postlaurea/dottorato>



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ANNEX 22)

## PROFILE

### PhD PROGRAMME IN HUMANITIES

Scientific Areas CUN: 11 – History, Philosophy, Education, Psychology; 10 – Philology, Literature, Arts of Antiquity; 02 – Physics; 14 – Politics and Social sciences.

Director: Costantino Esposito

Head Office: Dipartimento di Studi Umanistici (DISUM)

PEC: [segreteria.disum@pec.uniba.it](mailto:segreteria.disum@pec.uniba.it)

The length of the PhD Program: 3 years

Total number of positions: 7

- n. 5 positions with funded by the University of Bari: 1 position for each curriculum mentioned below.
- 1 position with a “higher education apprenticeship contract” for graduates aged 18 to 29 years, for Curriculum 1: Philosophy and History of Philosophy. The contract is established with Eusoft Srl, an enterprise whose main location is in Bari and aims at developing research on the following topic:

**T.: User-Centered Design in the digital industry**

The object of the research project will be the User-Centered design as a digital design model: this approach places at the basis of the realization of a software - and in general of digital products - studies and analysis of the context of use, objectives, desires, the specific needs, and capabilities of users. It is an approach in which logical and intuitive skills, analytical knowledge and synthetic inference are at the center of the relationship with the user and in constant dialogue with the technical design phase, still too much based on software engineering methodologies, not very attentive to end user needs. User-Centered Design puts the user at the center of the design, and promotes a positive and rewarding user experience (User Experience or UX) when interacting with a digital product or service.

The object of study and research will be the collection and analysis of all information useful for a user-centered software design process, which - in addition to ergonomics and ease of use - also includes the experience of users and their background, cognitive, emotional, aesthetic and logical perceptions, and psychological reactions during use, as well as expectations prior to actual application.

The goal will be to start an application development path in an iterative process in close communication with future users, to maximize the usability of the product itself and promote the best possible UX.

- n. 1 position without scholarship.

*Curricula:*

1. Philosophy and History of Philosophy (Scientific Fields: M-FIL/01, M-FIL/05, M-FIL/06 e M-FIL/08)
2. Philology and Literature of Antiquity (Scientific Fields: L-FIL-LET/02, L-FIL-LET/04 e L-FIL-LET/05)
3. History and Archaeology of Antiquity (Scientific Fields: L-ANT/03, L-ANT/07, L-ANT/08, M-STO/07)



4. History from Middle Ages to Present Time (Scientific Fields: M-STO/01, M-STO/02, M-STO/04, M-STO/05, M-STO/08, M-STO/09 e SPS/07)
5. History of Science (Scientific Fields: M-STO/05, FIS/07, SPS/02, M-FIL/06 e M-FIL/08)

Selection procedure will be different for each curriculum. The final ranking list of each curriculum are dealt with separately and then they will feed into one general ranking list.

For each curriculum phd posts will be allocated based on the ranking list, until all available posts have been covered.

Non allocated posts due to a lack of successful candidates in one curriculum will be attributed to another curriculum, always following the general ranking list.

Applicants are asked to indicate what curriculum they are applying to. **Should this not occur, the application will be automatically discarded.**

**Admission criteria:**

The exam procedures will be taken in accordance with art. 6 lett. B.

Selection of candidates will be based on qualifications, research project (to be sent together with the application), oral examination and on the knowledge assessment of foreign language skills on the basis of what has been indicated in the application (English, French, German and Spanish).

For what concerns the applicants to the position with an apprenticeship contract, during the oral exam the Committee will also ask questions about the research topics described in T. above, with the aim of assessing the eligibility to this position. Applicants interested in this position with an apprenticeship contract have to indicate in the application.

**Procedures for the exam for foreign candidates:**

Foreign candidates can choose to take the entrance examination in Italian or English.

**Calendar of admission steps (ordinary):**

Oral exam: 29 July 2021, h. 10.00, videoconference using Microsoft Teams. The platform access code will be available on the doctoral website after the deadline for the selection notice:

<http://www.uniba.it/ricerca/dipartimenti/disum/post-laurea/dottorato-studi-umanistici-xxxvii-ciclo>

**Further information can be found on the website at the following link:**

<http://www.uniba.it/ricerca/dipartimenti/disum/post-laurea/dottorato-studi-umanistici-xxxvii-ciclo>



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ANNEX 23)

## PROFILE

### PhD PROGRAMME IN ORGANS AND TISSUES TRANSPLANTATION AND CELLULAR THERAPIES

CUN Scientific Area: 06 Medical Sciences, 07 Agrarian and Veterinary Sciences, 05 Biological Sciences

Scientific Disciplinary Sectors: BIO/17, VET/09, MED/16, MED/12, MED/13, MED/14, MED/18, MED/19, VET/08, VET/01, MED/41 and MED/15.

Coordinator: Prof. FRANCESCO STAFFIERI

Administrative office: Department of Emergency and Organ Transplantation

PEC: [direzione.deto@pec.uniba.it](mailto:direzione.deto@pec.uniba.it)

Duration: 3 years

Total positions available: n. 5

- n. 4 positions with scholarship funded by University of Bari
- n. 1 position without scholarship reserved for graduates from foreign Universities

CURRICULA: NO

The available positions will be assigned based on the order of classification, up to the end of the available candidates. The positions with scholarship will be primarily assigned based on the ranking list.

#### **Modalities of admission:**

The exam procedures will be taken in accordance with art. 6 lett. B

The selection will be based on titles, the evaluation of the research project regarding the themes of the doctorate and an oral examination. The research project will be preventively sent by the candidate together with the admission documents. The research project (maximum 3000 words excluding the bibliography) is mandatory for the admission to the oral examination and should include at least the following fields: scientific background, aim of the study, methodology (including the statistical considerations), expected goals, perspectives and possible advantages. The candidate will be admitted to the oral examination only if the evaluation of the research project got a positive evaluation.

During the oral examination, the knowledge of the English language, will be also evaluated. The oral examination could be performed through a telematic platform (Microsoft Teams)

#### **Examination of foreign candidates:**

Foreign candidates can choose to perform the admission examination in Italian or English language.

#### **Positions reserved to candidates graduated in foreign universities:**

The exam procedures will be carried out in accordance with art. 17 procedure 2.





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Il futuro alla portata di tutti

Selection will be based on titles and oral examination with the discussion of a project regarding the themes of the doctorate, preventively sent by the candidate together with the admission documents. The research project (maximum 3000 words excluding the bibliography) is mandatory for the admission to the oral examination and should include at least the following fields: scientific background, aim of the study, methodology (including the statistical considerations), expected goals, perspectives and possible advantages. The oral examination will be performed through a telematic platform (Microsoft Teams) based on the criteria contemplated in the call. A separated list will be formulated for the candidates graduated in foreign countries. If these positions will be not assigned to foreign candidates, they will be assigned to regular candidates.

**Calendar for the admission examinations:**

Oral Examination: 26 July 2021 h 09:30

Examination venue: Virtual room on Microsoft Teams platform. The code of the room will be communicated to the candidates and published on the doctorate website

<http://www.uniba.it/ricerca/dipartimenti/deto/ricerca/dottorato-di-ricerca-in-trapianti-di-tessuti-ed-organi-e-terapie-cellulari-1>

**Calendar admission examinations for positions reserved to graduated in foreign Universities:**

Oral examination: 27 July 2021 h 09:30. For more information you should check the website of the doctorate course

<http://www.uniba.it/ricerca/dipartimenti/deto/ricerca/dottorato-di-ricerca-in-trapianti-di-tessuti-ed-organi-e-terapie-cellulari-1>

**For Further Information:**

<http://www.uniba.it/ricerca/dipartimenti/deto/ricerca/dottorato-di-ricerca-in-trapianti-di-tessuti-ed-organi-e-terapie-cellulari-1>

