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PhD PROGRAMS XXXIX CYCLE - ACADEMIC YEAR 2023/2024

PUBLIC ANNOUNCEMENT FOR CANDIDATE SELECTION

RECTOR'S DECREE n. 357/2023

DEADLINE FOR ONLINE APPLICATION: SEPTEMBER 4, 2023 at 11:59 PM (italian time)

Art. 1 – Announcement

Public competition for admission to PhD programs, with administrative seat at the University of Basilicata, for the XXXIX cycle – academic year 2023-2024, have been announced as specified in **Annex 1**.

Below the PhD programs:

Departement/School	PhD program	Number of total available positions	Positions without scholarship
Department of European and Mediterranean Cultures: Architecture, Environment, Cultural Heritage	Cities and landscapes: architecture, archaeology, cultural heritage, history and resources	10	2
School of Engineering	Engineering for innovation and sustainable development	10	1
Department of Sciences	Science	6	0
School of Agriculture, Forest, Food and Environmental Sciences	Agricultural, forest and food sciences	11	0
Department of Human Sciences	History, culture and knowledge of mediterranean Europe from antiquity to contemporary	7	1

Procedures for selection of candidates, any curriculum, the number of available positions, the number of scholarships with an indication of funding source, the number of available positions (with or without scholarship) reserved to foreign candidates (if prescribed by the PhD program), the schedule of tests and the place where the examination will take place, have been indicated, for each PhD program in the corresponding form [see **Annex 1 (1/a, 1/b, 1/c, 1/d, 1/e)**].

The available scholarships will be increased as a result of government funding or as a result of loans obtained by government agencies or private organizations (also related to specific topics), including resources deriving from participation in PNRR projects, and will be assigned to the candidates placed on the list without scholarship, they will be enrolled in the manner and within the time limits specified in this notice.

The courses shall officially begin on December 1, 2023.

Admission to the course involves an exclusive and full-time commitment.

Art. 2 – Admission requirements

Those who are in possession of one of the following qualifications, without any limitation of age, sex, citizenship may apply for the competition:

- a. University degree obtained under the previous educational systems (ex ante D.M. 509/99, whose legal course has at least a four-year term);
- b. Laurea specialistica/magistrale (D.M. 509/99 and D.M. 270/2004);
- c. Equivalent academic qualification obtained abroad (see art. 3).

Those who have only the three-year degree cannot apply.

The participation to competitive examination is also open to those who will obtain their Master Degree by the scheduled enrollment date. In this case, conditional admission shall be granted. The Administration will check these requirements by the aforementioned date: failure to meet these requisites will result in the irrevocable loss of the right to enroll.

For candidates who have not yet obtained the title, commissions, instead of graduation and degree grade thesis, consider the weighted average of the marks obtained in all the tests of the course of study that gives access to the competition, incurred to the date of submission of the application for admission.

Those who already completed a PhD program can enroll in a different PhD program.

Those who are enrolled in the same PhD program (previous doctoral cycle) without scholarships are not eligible to participate in the competition for the same PhD program in which are already enrolled.

Equal opportunities for men and women are guaranteed as provided for by law N. 125/1991 and art. 57 of Legislative Decree N. 165/2001.

The University may exclude, at any time, applicants who are lacking the requisite conditions.

Art. 3 - Foreign academic titles

Candidates with foreign academic title already recognized by the academic authorities, must enclose the declaration of equivalence to an Italian degree together with the documents referred to the PhD program selected (see art. 4.1). In the absence of such a declaration, the candidate must specifically request it in the application form. The Competition Commission of each PhD program shall decide on the suitability of a foreign academic qualification, solely for the purpose of admission to the doctoral chosen.

The candidates must attach relevant and mandatory paperwork in order to allow the assessment of their titles, including:

1. a self-certification according to Presidential Decree 445/2000 of academic qualification, with a list of exams, the scores and the legal duration of the course, if Italian and EU citizens;
2. certificate of the academic qualification, with a list of exams, the scores and the legal duration of the course, together with an Italian translation, if non-EU citizens. The translation must be signed under their own responsibility.

The lack of the above mentioned documents will result in the exclusion from the competition.

Candidates who are admitted to the PhD course, within sixty days from the date of registration, on pain of forfeiture, must submit the following documentation:

1. the titles translated and legalized by the competent Italian consular or diplomatic missions abroad;
2. the "Dichiarazione di valore in loco" of foreign academic titles, issued by the Italian diplomatic representation (Embassy or Consulate) in the country where the qualification was awarded, containing the following specifications:
 - a. legal duration of the qualification;
 - b. equivalence to give access to a PhD program in the country where it was awarded;
 - c. type of university that issued it (legally recognized under national law);
 - d. higher education system;
 - e. a complete list of exams;
 - f. if possible, the Diploma Supplement ^[1] in the original or a certified copy (in Italian or English) provided by the same university that issued it.

The "Dichiarazione di valore in loco" may be replaced by statements of comparability and verification issued by CIMEA. For more information, refer to the websites <https://cimea.diplo-me.eu/unibas/#/auth/login>.

(For more information, refer to the websites <http://www.studiare-in-italia.it/studentistranieri/> and <http://www.cimea.it/en/servizi/procedure-di-riconoscimento-dei-titoli/procedure-di-riconoscimento-dei-titoli-overview.aspx>).

The foreign title evaluation will be published exclusively on the website <http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca/bandi.html>.

It will not be given any written notice or phone call directly to the candidates.

Art. 4 – Application

Applications for admission to competitions and any required enclosures must be submitted following the online procedure available of the website <https://unibas.esse3.cineca.it>, by the final deadline of **September 4, 2023 at 11:59 PM (italian time)**, when the competition closes (new users must register by selecting "Registrazione"; those who have already registered should select "Login" and proceed with the following steps: insert username and password, and then, in the "Segreteria Studenti", select "Test di ammissione" → "Iscrizione concorsi" → "Dottorato di ricerca"). Candidates failing to comply will not be considered.

Candidates interested in a PhD program must submit an admission application, with a request to take part in the relevant selection procedure.

Each application must refer to a single selection procedure and will require a payment of € 30.00, not refundable. Therefore, candidates wishing to apply to more than one selection procedure must submit a separate application and the € 30.00 fee for each selection procedure.

The payment can be made at any bank branch in Italy (including automatic teller machines, via telephone banking or Internet banking for those banks providing such services), using PagoPA.

¹ A Diploma Supplement is an additional document to the official qualification achieved at the end of a course attended at a university or institute of higher education. The Diploma Supplement provides a description of the nature, level, context, content and status of the studies carried out and completed by the student, according to a standard 8-section model developed by the European Commission, the European Council and UNESCO. It is issued by the university at which the qualification was achieved. For further information consult the site http://ec.europa.eu/education/ielong-learning-policy/ds_en.htm

The payment of € 30.00 must be made before September, 4 2023.

Foreign students must also pay the fee of € 30,00.

If in Annex 1 are provided reserved positions, candidates, in filling out the application site, will have to make that choice, opting for one type of reserve, in the event that several types of reserved positions are provided. Make your selection, the candidate will participate in the competition only for the chosen category of reserved positions.

As specified by the Italian law (art. 20 of law N. 104, 5 February 1992) candidates with disabilities can request special aids and/or additional time for carrying out the competition.

Applications that are not following the guidelines indicated above will not be accepted, and the candidates will be automatically excluded from the selection.

The University accepts no responsibility for any mistake made by the candidate with regards to data provided and attachments. It is your responsibility to verify the correct conclusion of the application process, no claims will be accepted for any malfunctioning of the computer.

4.1 ACADEMIC QUALIFICATION CERTIFICATES, DOCUMENTS

Candidates with any academic qualification certificates, documents or publications considered useful for the purposes of the competition procedures must attach the following certificates, documents and publications, except in the cases in Annex 1/, for each PhD program:

- 1) a self-certification to prove to meet the requirements in accordance with articles 46 and 47 of the Presidential Decree 445/2000, using the form in **Annex A**, for candidates holding an Italian degree. Under penalty of non-admission to the selection, the self-certification must be signed and accompanied by an identity document;
- 2) degree certificate indicating exams taken, or a description of the degree with a list of exams taken, "Dichiarazione di valore in loco" (see art. 3) together with a statement of truth of the certificates attached, in accordance with Articles 46 and 47 of the President's Decree 445/2000 using the form in **Annex B**, for candidates holding a foreign degree;
- 3) scanned copy of a valid identity card or passport;
- 4) curriculum vitae;
- 5) research project, using the form in **Annex C**, in Italian and english (obligatory);
- 6) summery thesis/thesis (see Annex 1/ for each PhD program);
- 7) scientific publications;
- 8) other titles (academic, professional, linguistic and documents considered useful for the purposes of evaluation - see Annex 1/ for each PhD program);
- 9) reference letters (if requested).

All academic qualifications, documents and publications considered useful for the application procedure must be attached in .pdf or .rtf file form.

In accordance with the article 40 of President's Decree 445/2000, certificates regarding personal qualities, status and facts issued by the public administration can be only used for private purposes. Self-certification, under articles 46 and 47 of President's Decree 445/2000, can replace attested declarations for public administration or public services purposes.

Publications in languages other than Italian or English, or which do not include a summary in one of the abovementioned languages, must be produced in the original language and translated into Italian.

Certificates issued by the competent authorities of the foreign candidate's country of citizenship must comply with the provisions in force in the same country. Certificates in a language other than Italian, must also be translated and authenticated by the competent Italian diplomatic or consular authorities.

An Italian translation must be attached to all documents written in a language other than Italian and must be certified by a competent Italian diplomatic authority or an official translator.

Art. 5 - Selection Procedures

In order to check the candidate's suitability for scientific research, the examination is conducted through the assessment of titles and an interview.

The "research project" presented by the candidate will be evaluated during the interview.

The modalities of the selection, for each PhD program, are indicated in details in Annex 1.

During the interview, the Commission will examine the knowledge of at least one foreign language, according to the guidelines for each course, as specified in Annex 1 to the announcement.

The examination can also be carried out in a foreign language indicated for each PhD program.

For foreign candidates, assessment procedures can be made also electronically. Accordingly, candidates residing abroad can take their assessment by Videoconferencing (Google Meet). In this case the applicant must fill in the appropriate form (Request Interview In Videoconference – **Annex E**) and attach it to the application form, along with a valid document of identity.

Failure to communicate the personal e-mail address, the unavailability of the candidate on the examination day and time or failure to present a valid identification document, are grounds for exclusion from the selection process.

The University of Basilicata does not assume responsibilities for technical reasons preventing the proper interview.

The Commission can assign a maximum of 100 points to each candidate. Tab of each PhD program (see Annex 1) shows the points available for each test, the award criteria, the minimum score for admission to any subsequent test.

The list of candidates eligible to take any test subsequent to the valuation of their titles will be made public on the University website under the link <http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html>.

The publication of those admitted to the examination, dates and locations of the examinations, has legal intents and purposes, and applicants must present themselves with a valid identity document, without prior notification, at the office, at the day and time indicated online.

Any change will be announced on the University website under the following link <http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html>. Applicants are therefore required to check for any update to the Annex 1, also closely to the examination date.

Candidates not present on the examination date will be excluded from the competition, regardless the reason.

Art. 6 – Examination Committee

The committees responsible for the evaluation of candidates for each PhD program are appointed by the Rector, once designated by the PhD College among professors and researchers, also part of the College, specifically qualified in the relevant areas of science to which the PhD program refers. The Commission can be integrated with experts, from Italian public and private research entities, which found or contribute to the activities of the PhD program.

If the PhD program is divided into more than two curricula, the number of experts may be increased up to the number of the same curricula.

Each commission will be published on the Internet at the following web link <http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html>.

Finally the Commission shall draw up a special report containing detailed examination results, as well as an opinion on the interview performed by each candidate and the detailed list of points given, and the final ranking.

Where the PhD program provides for positions reserved to foreign candidates, they can be ranked in a separate list.

Art. 7 – Ranking and scholarship assignment

The candidates' ranking will be established in a decreasing order of the overall grades obtained as sum from all the evaluation stages (qualifications and colloquium).

For the purposes of awarding the scholarships, in the event of equal merit, the assessment of the economic situation determined pursuant to art. 4, paragraph 5, letter c), of the law n. 210/1998, as amended by art. 19 of law n. 240/2010. In the event of equal income, the younger candidate will prevail as defined in the following paragraph.

Only for supernumeraries, in the event of equal merit, the youngest candidate prevails (pursuant to Article 3, paragraph 7, law n.127/1997, as amended by art.2, paragraph 9, of law 191/1998).

The official ranking will be published as 'Decreto rettorale' on the University website <http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html>.

In case an eligible candidate refuse the admission to the doctorate, his position will be available for the following candidate in the ranking order.

For each PhD course, candidates will be admitted to the PhD program, according to the order of the ranking of each type of scholarship, up to the number of positions and scholarships (Ministerial Decree 118, Ministerial Decree 117, another specific topic) available.

The scholarships will be awarded respecting the position of the candidates in the ranking regardless of whether the topic 118, 117 or specific topic has been chosen and after the assignment of the latter. The scholarships will be awarded to the candidates with the highest score.

The positions without scholarship will be assigned to the first suitable candidates with the highest score identified among those present in all the rankings, excluding those of supernumeraries.

If one candidate is ranked in more than one PhD program list, he/she must choose only one PhD program.



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The option must be done within eight days since publication of the ranking list and candidates' admission on the University website. The choice of the PhD program, carried out at the time of enrollment, is definitive and the candidate cannot change it in any way.

Art. 8 – Registration

The candidates admitted at each PhD program, announced at the same time as the publication of the merit rankings on the University website under the link <http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html>, will formalize the enrollment in the first year of the PhD program.

Those who have not regularized their enrollment before the above deadline, will automatically lose their position, which will be offered to the next candidate in the list.

In the event of vacancies, eligible candidates will be contacted by e-mail and will be invited to enrol, in accordance with the requirements indicated in the preceding article, within the peremptory term of 48 hours from the time of receipt of the email. Failure to comply will result in loss of the right to admission.

The PhD students without scholarship are requested to pay only € 140.00 of regional taxes and € 16.00 of secretary duty as registration fee.

The students receiving a PhD scholarship are requested to pay the PhD registration fees according to the Table below:

Fixed registration fee	€ 360,00	payable at registration
Variable contribution	from € 0,00 to € 950,00	to be paid in one or two installments depending on ISEE
Regional tax for the right to university study	€ 140,00	to be paid Regione Basilicata at registration
Stamp duty paid virtually	€ 16,00	payable at registration

The variable contribution is calculated according to the economic circumstances of students, assessed on the basis of the Indicator of equivalent economic situation (ISEE), determined in the manner provided by D.P.C.M. December 5, 2013, n. 159.

The variable contribution from the V ISEE band, is divided into two installments to be paid by March 31 and May 31.

[Foreign students are required to pay only the fixed registration fee and the fixed contribution, as well as the regional tax for the right to study and stamp duty paid virtually (€ 360,00 + € 140,00 + € 16,00).]

For further information concerning registration fees, tuition fees and waivers, see the Part IV of the "Regolamento in materia di contribuzione studentesca - academic year 2023/2024".

By registering the candidate accepts the admission conditions set out in this announcement and the Regulations of the doctoral courses of the University of Basilicata, issued by D.R. n. 106 of march 8, 2022.

Art. 9 – Scholarships

The scholarship, worth a gross annual total of **€ 16.243,00**, is subject to tax deduction provided by the law.

The amount of the scholarship is increased by max 50%, for any six months abroad stay, with the exception of the scholarship "Funds for the Support of Youth", whose surcharge is for 12 months abroad stay, or set by specific agreements. In any case, the period of stay abroad cannot be longer than half the duration of the PhD program. In cases of incompatibility of that increase with the simultaneous use of grants supporting the international mobility, the student will have to opt for one of the possibilities. Never the different types of contributions will be provided simultaneously.

The scholarships are annual and will be renewed only whether the student has completed the research activities of the previous year in accordance with Art. 25 of the University Rules of PhD research and with the Rules of each PhD program.

Starting from the first year, each student is assured, in addition to the scholarship and within the financial resources in the budget of the subjects credited to the current legislation, a grant for the research activities in Italy and abroad, appropriate to the type of PhD program and in any case in an entity not less than 10% of the scholarship itself.

The scholarship is paid bimonthly. In the case in which a scholarship is not paid for delayed bureaucratic procedures, the amount of that fellowship will be combined with the following ones.

The students graduate admitted to a PhD who have previously enjoyed, even partly, of scholarship for PhD, cannot benefit from it a second time.

Those who have already obtained a PhD may be undergoing a different doctoral course, to condition to pass the selective test, but they cannot receive a scholarship.

In case of renounces of the course or to the enjoyment of the scholarship, this will, where possible, for the residual part, assigned at student holder of placed without scholarship, respecting the merit list.

Art. 10 - Incompatibility

Registration in a PhD course is incompatible with enrolment in other undergraduate and postgraduate degrees, Italian University master courses, other PhD courses and specialised courses organized by private institutes pursuant to art. 17, paragraph 96, Law 127/1997, without prejudice to the provisions of the University teaching regulations in execution of the D.M. 29 July 2022, n. 930.

The simultaneous enrolment in another university course of study (bachelor's degree, master's degree, Master, specialization school, other doctorate), is governed by Law no. 33 of 12 April 2022 and their related implementing decrees (D.M. 29 July 2022, n. 930).

The relevant incompatibility rules are set out in articles 32 of the Regulations of PhD programs of the University of Basilicata issued with the DR n. 106 of march 8, 2022 and to the current matters laws.

Art. 11 - Duties and rights of PhD students

Pursuant to art. 26 of the current regulations of the University in the field of PhD courses:

«The PhD student is an undergraduate student. Enrolling in the PhD involves an exclusive and full time commitment.»

In the matter of rights and duties, the provisions of art. 12 of D.M. 226/2021 will be applied.

PhD students are required to carry out assiduously the activities of study, collective and individual, and the activities of research, as indicated by the PhD Board and Supervisors.

The PhD students, at the end of each year, have to submit the report referred to art. 25, paragraph 6, also for the purposes of admission to the following year. The relevant documentation must be kept constantly updated and, if requested, must be sent promptly to the Coordinator.

The PhD students, in case of difficulties in the research activities, can request from the PhD Board, justifying the reasons, the assignment of a new supervisor or co-supervisor, if identified.

The PhD student, at the end of each two months of activity, must present to the Coordinator, who will provide to the appropriate Offices within the fifth day following the end of the same two-month period, a certificate of regular performance of the activities signed by the supervisor.

The PhD students, as an integral part of the training project, can carry out, without any increase in the scholarship, tutoring activity, even paid, of the students of the bachelor and master degree courses, as well as, up to a maximum of forty hours per academic year, supplementary teaching activities. For the activities referred to this paragraph are paid the checks referred to in art. 1, paragraph 1-lett. b), of the D.L. 9 May 2003, n. 105, converted with modifications from the law 11 July 2003, n. 170, in compliance with the guidelines given by the governing bodies.

The activities referred to the previous subparagraph shall normally not exceed a total of 60 hours for academic year.

The activities referred to in paragraph 7 can be assigned, exclusively, after having acquired the authorization of the PhD Boards, after the supervisor has been consulted. These activities do not give rise to rights of access to roles of the University.

Doctoral candidates may not be members of the boards of the proficiency exams and the final exams of the courses of study.

The PhD students, ordinarily, must carry out research and training activities, consistent with their training path, at highly qualified institutions abroad.

The period abroad may not exceed 12 months, except for PhD students in co-protection with foreign subjects or activated with the same subjects pursuant to art. 3, paragraph 2, of D.M. 226/2021, for which this period may be extended to a maximum of 18 months.

Public employees, only if enrolled for the first time in a PhD course, apply the measures provided for by collective bargaining and art. 2 of Law no. 476 of 13 August 1984.

The PhD students benefit from the discipline of the interventions for the Right to study as per Legislative Decree no. 29 March 2012, 68.

The rules for the protection of parenthood are applied to PhD students.»

PhD students are required to observe the Ethic Code of the University Community, issued by D.R. n. 278 of 27 July 2011, available on the website <http://portale.unibas.it/site/home/ateneo/statuto-e-regolamenti.html>.

PhD students awarded scholarships financed from the funds of Ministerial Decree no. 118 of 2 March 2023 and Ministerial Decree no. 117 of 2 March 2023 are required to comply with the relative provisions.

PhD students have to periodically check the web page <http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html>, where news are published, general news, deadlines, regulations, documents and all communications of interest to them.



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Art. 12 - Award of the qualification

The PhD qualification is awarded at the conclusion of the PhD cycle, at the moment when the final examination is passed, which is subordinate to the presentation of a written thesis (PhD thesis). Students must provide a documented account of original research, conducted with certainty of method and leading to the emergence of results of sufficient academic relevance.

For the rules relating the final examination, please refer to Article 27 and 29 of the Regulations of the PhD programs of the University of Basilicata, issued with D.R. n. 106 of March 8, 2022.

Art. 13 - Treatment and processing of personal information

The university hereby undertakes to respect the reserved nature of the information provided by applicants; all the information provided will be processed solely for purposes connected with and instrumental to the competition and the management of the applicant's relationship with the university, in compliance with the laws currently in force [GDPR (UE) n. 2016/679 and Italian Legislative Decree N° 196, dated 30 June 2003].

The data requested must be supplied for the evaluation process. If the data is not supplied, the candidate will be excluded from the selection procedure. Under art. 7 of Legislative Decree 196/2003, candidates have the right to access the data concerning them, as well as some complementary rights including the right to amend, update, complete or delete erroneous or incomplete data, or data gathered without compliance to current legislation, and the right to oppose the use of the data for legitimate reasons.

Participation in the competition implies, in accordance with the aforementioned law, tacit consent that personal data of applicants and those concerning the results, are posted on the website of the University of Basilicata.

Art. 14 - Advertisement

This announcement will be published on the website of the University of Basilicata at: <http://oldwww.unibas.it/albo/albo.html> and on the website of MUR.

Any subsequent modifications and/or additions to the notice will be published, exclusively, in the University album online and on the University official website.

Art. 15 – Responsible of the procedure

According to Law n. 241/90 and subsequent amendments and integrations, the coordinator of these procedures is the responsible of the Doctorate Office [e-mail: luciana.letterelli@unibas.it - Tel. (+39) 0971205773].

Art. 16 - Other

For other issues not covered by this announcement, please refer to a) the Law 3 July 1998, art. 4, n. 210 as modified by Law 240/2010; b) the Ministerial Decree of 14 December 2021, n. 226; c) the law 30 December 2010, n. 240; d) the Regulations of the PhD programs of the University of Basilicata, issued with 106 of March 8, 2022; e) the Academic Regulations and Operation of each specific PhD program; f) the "Regolamento in materia di contribuzione studentesca - academic year 2023/2024" (available on the University website <http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html>).



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The official version of this call is in Italian and is available on the website <http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html>. This abridged version is not valid and may not be used for any legal purpose.

THE RECTOR
prof. Ignazio M. MANCINI

MC/II

ANNEX 1/a PhD program: CITIES AND LANDSCAPES: ARCHITECTURE, ARCHAEOLOGY, CULTURAL HERITAGE, HISTORY AND RESOURCES XXXIX CYCLE – a.y. 2023-2024			
Department	Department of European and Mediterranean Cultures: Architecture, Environment, Cultural Heritages (DICEM) - Matera		
Coordinator	Prof.ssa Antonella Grazia Maria Immacolata Romana GUIDA e-mail: antonella.guida@unibas.it		
Duration	3 years		
Web site	http://dicem.unibas.it/site/home/ricerca/dottorati-di-ricerca.html		
Curricula	Not provided		
Aims and topics	<p>The primary objective is the acquisition of an appropriate knowledge and of the effective theoretical and methodological tools that allow to operate with specific skills and disciplinary specializations and with a real multi - and interdisciplinary capability, in an aware dialogue between humanistic and technical-scientific knowledge for the study, the analysis and the interpretation of the phenomenon of cities and landscapes, with the use of innovative technologies and the design of interventions aimed at their sustainable development:</p> <ul style="list-style-type: none"> • Analysis, interpretation, diagnostics, protection, recovery, enhancement and enjoyment of the architectural, environmental, heritage, historical, cultural, artistic and archaeological assets and of the tangible and intangible heritages and related administrative functions. • Stratigraphic analysis of urban and rural contexts according to the methods of the total history and the global archeology of the landscapes . • Study of natural, energy, water resources and effects of climate change, environmental quality and adaptation strategies for natural, rural and urban systems. • Analysis of the evolutionary processes and the organizational models of the environment to small and large spatial and temporal scale, and projects for urban and landscape regeneration. • Process analysis of land instability, natural hazards, environmental and soil protection, and planning of urban, rural and coastal landscapes. • Analysis of rural and urban greening space, conservation of plant species in the natural environment and in the city. • Use of innovative technologies. 		
Admission requirements	a) University degree obtained under the previous educational systems (ex ante D.M. 509/99, whose legal course has at least a four-year term); b) Laurea specialistica/magistrale (D.M. 509/99 and D.M. 270/2004); c) Academic title obtained abroad and eligible for access to the PhD program, previously recognized by academic authorities, even in the context of inter-university cooperation and mobility agreements. In the absence of such approval, the candidate must apply a request in the application form according to the Art. 3 of this call.		
Available positions	10	With scholarship	Without scholarship
		8	2

Type of scholarships (Description awarding entity and research topic)	D.M. 118/2023	<p>M4C1-INV.3.4</p> <p><u>1 Scholarship "Digital and environmental transitions"</u></p> <p>on one of the following topics:</p> <ol style="list-style-type: none"> 1) Digital atlas of rupestrians archaeological heritage. Tools and methods to realize a virtual platform on a Mediterranean scale; 2) Computational Approaches and Remote Sensing Techniques for the Interpretation, Monitoring and Conservation of Cultural Heritage. <p>M4C1-INV.4.1</p> <p><u>2 Scholarships "Public administration"</u></p> <p>on one of the following topics:</p> <ol style="list-style-type: none"> 1) The 20th century architecture in Matera: an experimentation laboratory for the construction of a city; 2) Modern Maratea and the Mediterranean: architecture as a medium for the re-signification of an invented landscape; 3) Recovery and enhancement of the historical heritage of Matera and Acquedotto Lucano: the water infrastructures during centuries; 4) Marginal Areas, Peripheries, and Small Towns as Laboratories of Social Innovation. <p><u>1 Scholarship "Cultural heritage"</u></p> <p>on one of the following topics:</p> <ol style="list-style-type: none"> 1) Circular economy and life cycle thinking for sustainable conservation of architectural heritage; 2) Control systems at the borders of the empire. Military architectures in the African roman context: the castra of Mauretania Tingitana. <p>A period in the company or research center or public administration and abroad is mandatory.</p>
	D.M. 117/2023	<p><u>1 scholarship in collaboration with the company "ZESPRI INTERNATIONAL LIMITED (New Zealand)"</u></p> <p>Topic: "Understanding cell energy metabolism rewiring strategies adopted by kiwifruit plants undergoing waterlogging and soil hypoxia: functional characterization of the molecular mechanisms occurring in roots";</p> <p><u>1 scholarship in collaboration with the company "DIGIMAT Group (Matera)"</u></p> <p>Topic: "Digital models and management approaches for architectural heritage intervention strategies";</p>

		<u>1 scholarship in collaboration with the company "DIOTIMA S.R.L. (Matera) e HSH Informatica e Cultura S.r.l (Matera)"</u> Topic: "Archaeological map of Matera. Processes of data digitization on GIS platform and integrated design for the enhancement and management of the archaeological heritage". A period in the company and abroad is mandatory.	
	FABRE - Consorzio di ricerca per la valutazione ed il monitoraggio di ponti, viadotti e altre strutture (Pisa)	<u>1 scholarship</u> Topic: "Data analysis and management for risk assessment of existing bridges" A period in the FABRE and abroad is mandatory.	
Positions reserved for graduates in foreign universities		With scholarship	Without scholarship
		0	0
Positions without scholarship	2 A period abroad is mandatory.		
Admission procedure	The admission procedure is conducted through the: a) evaluation of qualifications b) evaluation, as part of the interview, of a research project , drawn up in Italian and English using the format set out in Annex C to the call for proposals, concerning the subject/type of grant for which you are competing (Ministerial Decree 118/2023, Ministerial Decree 117/2023, another specific topic) c) interview		
Evaluation criteria	a) evaluation of qualifications: up to a maximum of 25 points minimum score to access the interview 15 points b) interview: up to a maximum of 75 points the interview is passed for a score not less than 45 points Minimum total score: 60 out of 100.		
Assessable qualifications	Graduation Thesis (The graduate candidate must attach the entire thesis; the candidate graduating a summary of the thesis project, in Italian or English, of max 16.000 characters)	Up to 5 points	
	Degree mark (For candidates who have not yet obtained the degree, the weighted average of the marks obtained in all the exams of the degree program, taken on the date of submission of the application for admission, will be evaluated)	Up to 15 points	
	Scientific publications (Articles in national and international scientific journals, proceedings of scientific conferences, books or book chapters)	Up to 3 points	
	Other titles (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...)	Up to 2 points	

Interview program	<p>The interview, which can be held in Italian, Spanish or English, will focus on the discussion of the submitted research project and is aimed at ascertaining the candidate's scientific interests and aptitude for research.</p> <p>During the interview, the knowledge of the Italian language will be ascertained for foreign candidates.</p>
Foreign language	English (knowledge of a foreign language will be assessed during the interview)
Schedule of the admission tests	<p>Evaluation of qualifications: results will be available from <u>September 11, 2023</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</p> <p>Day of the interview: <u>September 18, 2023 - 10:00 a.m.</u> Aula B 003 - Campus di via Lanera, 20 – Matera</p>

ANNEX 1/b	
PhD program: ENGINEERING FOR INNOVATION AND SUSTAINABLE DEVELOPMENT	
XXXIX CYCLE – a.y. 2023-2024	
Department	Engineering School (SI-UniBas) - Potenza
Coordinator	Prof.ssa Aurelia SOLE e-mail: aurelia.sole@unibas.it
Duration	3 years
Web site	http://ingegneria.unibas.it/site/home/offerta-formativa/dottorati-di-ricerca/articolo64.html
Curricula	1. Methods and Technologies for Environmental Monitoring and Protection 1. Analysis and prevention of natural risks (seismic and landslide risks) 2. Industrial Engineering and Information Technologies
Aims and topics	<p>The IISS PhD program aims to provide the doctoral students with strong scientific basis, and to help them in developing the ability to carry out pure and applied research, as well as to contribute to the elaboration and implementation of innovative, efficient, eco-compatible and socially sustainable development models. The students will acquire special skills in one of the following areas: methods and strategies for monitoring, protection and sustainability of the environment; methods of analysis of natural hazard (in particular seismic and landslide) and risk mitigation; management of raw materials, energy systems and industrial production; territorial planning, methods and systems for the processing and transmission of information. Furthermore, they are expected to acquire transversal skills in the field of sensors, modelling and analysis of complex interacting systems and of technologies of general interest. The doctoral students are also formed to be able to operate in high education sectors, as well as to carry out highly qualified activities related to research, development and management in private companies and public institutions and entities. The three curricula include activities consistent with the objectives of the National Recovery and Resilience Plan (PNRR).</p> <p>Curriculum "Methods and Technologies for Environmental Monitoring and Protection": Topics: Sensors and sensing technologies of environmental parameters; Integration and analysis of environmental data; Modelling monitoring, protection and preservation of the environment; Development of strategies and actions for prevention and resolution of environmental problems; Energy saving and distributed micro-generation; Data processing and applications with particular reference to COPERNICUS for environmental monitoring The curriculum aims to train researchers with a high scientific qualification level able to understand, apply and develop innovation in the fields of: (a) investigation methodologies, (b) analysis and modelling of environmental problems, (c) mathematical models for the scenarios development in the territorial planning as well as in the risk analysis and prevention areas, (d) sensors and also (e) the adoption and development of interventions strategies aimed at their prevention, mitigation and resolution. Moreover, attention is paid to the economic aspects of sustainable development issues, mainly concerning both social and environmental reporting themes, also in the form of integrated reports as well as the management and policy of the agri-food system. A further focus deals with the theme of the sustainable business model, from both the public and private sector perspective.</p> <p>Curriculum "Analysis and prevention of natural risks (seismic and landslide risks)": Topics: Numerical and experimental approaches for the assessment of seismic vulnerability of structures; Methods and techniques for the mitigation and management of seismic risk; Theoretical and experimental analyses of geotechnical problems; Slope stability and landslide risk reduction; Non-linear analysis of structures; Data processing and applications with particular reference to COPERNICUS for environmental monitoring. The curriculum aims to provide the doctoral students with the skills for operating in the fields of seismic and hydrogeological risks (for the latter, in particular, landslide risk), structural engineering, and geotechnical engineering. Strong physical-mathematical basis and knowledge of fundamental seismology are required. The students are supposed to</p>

	<p>acquire deep knowledge of: structural engineering, seismic engineering, geotechnical and foundation engineering, slope stability, all the types of monitoring systems, evaluation and mitigation of landslide and seismic risks (from the single construction or single slope scale to large areas scale). Within these subjects, original and innovative research must be developed, possibly in the view of green and sustainable solutions.</p> <p>Curriculum "Industrial Engineering and Information Technologies": Topics: Mechanical engineering design and applied mechanics, Mechanical technologies and industrial plants, Energy conversion systems, Engineering Thermodynamics and fluid flow machinery, Electromagnetism, Devices and systems for telecommunications, Automation and Mechatronics, Applied Physics. The research project aims to train valuable researchers that are capable of proposing innovative approaches and strategies for the development of efficient and sustainable energy, propulsion and industrial production systems, as well as developing methodologies and technologies suitable to create and integrate highly complex interacting systems. Particular attention is paid to the generation and management of energy provided from alternative and conventional sources with innovative approaches and methodologies, to the design of propulsion systems and, more generally, to the problems of driving and operating machines. From the point of view of industrial production, the topics are focused on robotics, sensors, unconventional technologies for processing materials, on methods of experimental characterization of materials and mechanical structures, on the design and management of integrated production systems and of the related plants, on logistics, on the design of mechanical systems with innovative approaches also based on vibratory and tribological phenomena. From the point of view of information technologies, the topics are focused on the applications of electromagnetism and propagation, on autonomous systems, on electronics for biometric applications and on telecommunication systems.</p>		
Admission requirements	<p>a) University degree obtained under the previous educational systems (ex ante D.M. 509/99, whose legal course has at least a four-year term); b) Laurea specialistica/magistrale (D.M. 509/99 and Dm 270/2004); c) Academic title obtained abroad and eligible for access to the PhD program, previously recognized by academic authorities, even in the context of inter-university cooperation and mobility agreements. In the absence of such approval, the candidate must apply a request in the application form according to the Art. 3 of this call.</p>		
Available positions	10	With scholarship	Without scholarship
		9	1
Type of scholarships (Description awarding entity and research topic)	D.M. 118/2023 M4C1-INV.4.1	<p><u>3 Scholarships "PNRR-Research"</u> on one of the following topics:</p> <ol style="list-style-type: none"> 1) Development of eco-sustainable materials with optimized tribological and mechanical properties; 2) Issues related to seismic and/or landslide risk; 3) Methods and technologies for monitoring and environmental protection. <p><u>1 Scholarship "Public administration"</u> Topic: "Flood risk".</p> <p>A period in the company or research center or public administration and abroad is mandatory</p>	

	D.M. 117/2023	<p><u>1 scholarship in collaboration with the company "RESTART ENGINEERING S.r.l. – Novellara (RE)"</u> Topic: "Integration of photovoltaic generation in low and medium voltage distribution networks and micro-grids in the presence of variable load";</p> <p><u>1 scholarship in collaboration with the company "DTT S.c.a.r.l. – Frascati (RM)"</u> Topic: "Numerical modelling of remote handling systems".</p> <p>A period in the company and abroad is mandatory.</p>	
	CNR IMAA [Tito Scalo (PZ)]	<p><u>2 scholarships</u></p> <p>on one of the following topics:</p> <ol style="list-style-type: none"> 1) Methods and technologies for the investigation of the atmosphere, in particular for parameters like greenhouse gases, aerosol and thermodynamic variables; 2) Data Science and Applied Geophysics for the mitigation of the geological risks in urban areas. <p>A period in the CNR-IMAA and abroad is mandatory.</p>	
	ENEA	<p><u>1 scholarship</u> Topic: "Seismic risk from the sub-regional scale to individual structures and infrastructure by means the development of automated multi-parameter and multi-criteria models and systems".</p> <p>A period in the ENEA and abroad is mandatory.</p>	
Positions reserved for graduates in foreign universities		With scholarship	Without scholarship
		0	0
Positions without scholarship	<p>1 A period abroad is mandatory.</p>		
Admission procedure	<p>The admission procedure is conducted through the:</p> <ol style="list-style-type: none"> a) evaluation of qualifications b) evaluation, as part of the interview, of a research project, drawn up in Italian and English using the format set out in Annex C to the call for proposals, concerning the subject/type of grant for which you are competing (Ministerial Decree 117/2023, Ministerial Decree 118/2023, another specific topic) c) interview 		
Evaluation criteria	<ol style="list-style-type: none"> a) evaluation of qualifications: up to a maximum of 25 points minimum score to access the interview 15 points b) interview: up to a maximum of 75 points the interview is passed for a score not less than 45 points <p>Minimum total score: 60 out of 100</p>		

Assessable qualifications	Graduation Thesis (The candidate must attach a summary of the thesis, in Italian or English, of max 16.000 characters)	Up to 5 points
	Degree mark (For candidates who have not yet obtained the degree, the weighted average of the marks obtained in all the exams of the degree program, taken on the date of submission of the application for admission, will be evaluated)	Up to 16 points
	Scientific publications (Articles in national and international scientific journals, proceedings of scientific conferences, books or book chapters)	Up to 2 points
	Other titles (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...)	Up to 2 points
Interview program	<p>The interview, which can be held in Italian or English, will focus on the discussion of the submitted research project and is aimed at ascertaining the candidate's scientific interests and aptitude for research.</p> <p>During the interview, the knowledge of the Italian language will be ascertained for foreign candidates.</p>	
Foreign language	English (knowledge of a foreign language will be assessed during the interview)	
Schedule of the admission tests	<p>Evaluation of qualifications: results will be available from <u>September 15, 2023</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</p> <p>Day of the interview: <u>September 19, 2023 - 9:30 a.m.</u></p> <p>Room Amatucci, V piano – School of Engineering – Macchia Romana Campus, 85100 Potenza</p>	

ANNEX 1/c PhD program: SCIENCE XXXIX CYCLE – a.y. 2023-2024			
Department	Department of Sciences - Potenza		
Coordinator	Prof.ssa Patrizia FALABELLA e-mail: patrizia.falabella@unibas.it		
Duration	3 years		
Web site	http://scienze.unibas.it/site/home/didattica/offerta-post-laurea.html		
Curricula	<ol style="list-style-type: none"> 1. Applied Biology 2. Geo-Sciences 3. Chemical Sciences 		
Aims and topics	<p>The Ph.D. "Science" brings together the educational and research experiences already gained, in the field of tertiary education, within the Department of Science. The course fits into the interdisciplinary field of chemical, geological, biological, pharmaceutical and natural sciences and is intended to provide students with tools for applied research in animal, plant, microbial and environmental biology, also through a One Health approach. The Ph.D. in "Science," incorporating the principles of the Program for a "Zero Waste Europe," aims to provide Ph.D. students with the basic concepts for the proper use of natural resources, green chemistry and the circular economy, i.e., an industrial economy in which any innovation in the production cycle must aspire to zero residue, aiming to reuse any material already used in the process, the development of new green technologies and processes and the design of new eco-friendly products. The course aims to provide the skills needed to carry out, at universities, research centers, public institutions or private entities, highly qualified research activities while contributing to the realization of the European Higher Education Area and the European Research Area and to the professional training of PhDs in line with the requirements of the recruitment policies of the National Recovery and Resilience Plan. The aim is to provide students with a solid preparation in both scientific knowledge and applied solutions (scientific method, ability to write and manage research projects, patenting skills, etc.), in order to conduct advanced research and experimentation and to know how to evaluate and exploit the results. In particular, the course aims to provide the tools to work in the fields of biology and chemistry, both basic and applied, as well as in the fields of environmental control and monitoring, control and use of resources and geo-resources, and the study of systems of geological interest.</p>		
Admission requirements	<ol style="list-style-type: none"> a) University degree obtained under the previous educational systems (ex ante D.M. 509/99, whose legal course has at least a four-year term); b) Laurea specialistica/magistrale (D.M. 509/99 and Dm 270/2004); c) Academic title obtained abroad and eligible for access to the PhD programme, previously recognized by academic authorities, even in the context of inter-university cooperation and mobility agreements. In the absence of such approval, the candidate must apply a request in the application form according to the Art. 3 of this call. 		
Available positions	6	With scholarship	Without scholarship
		6	0

Type of scholarships (Description awarding entity and research topic)	D.M. 118/2023	M4C1-INV.3.4 <u>1 scholarship "Digital and environmental transitions"</u> Topic: "Valorization of processing residues from the agri-food industry to obtain high-value healthy extracts". M4C1-INV.4.1 <u>3 Scholarships "PNRR-Research"</u> on one of the following topics: 1) Valorization of by-products deriving from the processing of mushrooms as a source of bioactive compounds and enzymes of industrial interest; 2) Integrated geological and structural analyses of the axial zone of the southern Apennine fold-and-thrust belt; 3) The gut microbiota in Duchenne muscular dystrophy (DMD): role of the transsulfuration pathway as a new therapeutic target: A period in the company or research center and abroad is mandatory.	
	Borse D.M. 117/2023	<u>1 scholarship in collaboration with the company "AGRIBIOSANA S.r.l. – Pietragalla (PZ)"</u> Topic: "Use of polymers and insect frass as innovative and eco-sustainable biofertilizers". A period in the company and abroad is mandatory.	
	ENEA	<u>1 scholarship</u> Topic: "Production of hydrogen from biomass through gasification and reforming processes catalytic, electrolysis". A period in the ENEA and abroad is mandatory.	
Positions reserved for graduates in foreign universities		With scholarship	Without scholarship
		0	0
Admission procedure	The admission procedure is conducted through the: a) evaluation of qualifications b) evaluation, as part of the interview, of a research project , drawn up in Italian and English using the format set out in Annex C to the call for proposals, concerning the subject/type of grant for which you are competing (Ministerial Decree 117/2023, Ministerial Decree 118/2023, another specific topic) c) video conference interview using google meet		

Evaluation criteria	<p>a) evaluation of qualifications: up to a maximum of 25 points minimum score to access the interview 15 points</p> <p>b) interview: up to a maximum of 75 points the interview is passed for a score not less than 45 points</p> <p>Minimum total score: 60 out of 100</p>	
Assessable qualifications	Graduation Thesis (The candidate must attach a summary of the thesis, in Italian or English, of max 16.000 characters)	Up to 5 points
	Degree mark (For candidates who have not yet obtained the degree, the weighted average of the marks obtained in all the exams of the degree program, taken on the date of submission of the application for admission, will be evaluated)	Up to 16 points
	Scientific publications (Articles in national and international scientific journals, proceedings of scientific conferences, poster, books or book chapters)	Up to 2 points
	Other titles (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad)	Up to 2 points
Interview program	<p>The interview, which can be held in Italian or English, will focus on the discussion of the submitted research project and is aimed at ascertaining the candidate's scientific interests and aptitude for research.</p> <p>During the interview, the knowledge of the Italian language will be ascertained for foreign candidates.</p>	
Foreign language	English (knowledge of a foreign language will be assessed during the interview)	
Schedule of the admission tests	<p>Evaluation of qualifications: results will be available from <u>September 11, 2023</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</p> <p>Day of the video conference interview: <u>September 14, 2023 - 10:30 a.m.</u></p>	

ANNEX 1/d PhD program: AGRICULTURAL, FOREST AND FOOD SCIENCES ASSOCIATED WITH SALERNO UNIVERSITY XXXIX CYCLE – a.y. 2023-2024			
Department	School of Agriculture, Forest, Food and Environmental Sciences (SAFE) - Potenza		
Coordinator	Prof.ssa Teresa ZOTTA e-mail: dottoratosafe@unibas.it		
Duration	3 years		
Web site	https://sites.google.com/unibas.it/safe-phd/		
Curricula	1. Agricultural, Forest and Environmental Science 2. Food Sciences and Engineering		
Aims and topics	<p>The objective of PhD course is to provide to the PhD students a solid preparation, in terms of both knowledge and skills of basic aspects (e.g. scientific method, ability in expression and presentation, ability to manage research projects and working groups, teaching skills) and applications (e.g. transfer and evaluation of scientific-technological innovations), in order to carry out research and management activities at qualitatively high levels.</p> <p>Specifically, the preparation of doctoral students will be focused to train figures able to:</p> <ol style="list-style-type: none"> develop and propose research projects to local, national or international institutions, as well as to private industries; identify the needs of research according to their scientific, social and economic impact; carry out research in one or more specific sectors of PhD course at high quality levels (including bibliographic research, planning and development of experimental activities, data analysis); communicate and disseminate the results of research to scientific and non-scientific community (oral communications, publications on high-impact journals); transfer knowledge through teaching activities to academic institutions, industries, non-scientific communities; transfer the results of research in public and private sectors (knowing the issues related to Intellectual Property Rights, designing spin-offs and start-ups). 		
Admission requirements	<ol style="list-style-type: none"> University degree obtained under the previous educational systems (ex ante D.M. 509/99, whose legal course has at least a four-year term); Laurea specialistica/magistrale (D.M. 509/99 and Dm 270/2004); Academic title obtained abroad and eligible for access to the PhD program, previously recognized by academic authorities, even in the context of inter-university cooperation and mobility agreements. In the absence of such approval, the candidate must apply a request in the application form according to the Art. 3 of this call. 		
Available positions	11	With scholarship	Without scholarship
		11	0
Type of scholarships (Description awarding entity and research topic)	D.M. 118/2023 Basilicata University	M4C1-INV. 3.4 <u>1 scholarship</u> "Digital and environmental transitions" Topic: "Sustainable systems, technologies and processes for the agri-food sector. Development of innovative systems for the automation and control of industrial plants and processes, for energy saving and optimization of the quality of food products. New precision technologies for the non-destructive analysis of products and processes in field and farm".	

		<p>M4C1-INV. 4.1</p> <p><u>2 scholarships "PNRR-Research"</u></p> <p>on one of the following topics:</p> <ol style="list-style-type: none"> 1) Genetic, molecular and phenotyping approaches for the analysis, preservation, valorisation and sustainable use of plant genetic biodiversity and for the selection of varieties resilient to climate changes; 2) Alternative methodologies for the valorisation of livestock productions. <p><u>1 scholarship "Public administration"</u></p> <p>Topic: "Terrestrial laser scanner and remote sensing for fuel load analysis and fire behaviour assessment: forest monitoring digitalisation, three-dimensional predictive modelling of fire risk; implementation of prevention policies and fire-smart management of forest resources in a climate change scenario".</p> <p>A period in the company or research center or public administration and abroad is mandatory.</p>
	<p>D.M. 118/2023 Salerno University</p>	<p>M4C1-INV. 4.1</p> <p><u>2 scholarships "PNRR-Research"</u></p> <p>on one of the following topics:</p> <ol style="list-style-type: none"> 1) Sustainable agro-systems resilient to climate changes: monitoring and management of insects of agricultural interest; genetic-molecular approaches for the study of plant response to stresses and development of resilient varieties to climate changes; 2) New models of circular economy and sustainability in agriculture through the valorisation and recycling of wastes, co-products and by-products from the primary and agro-industrial sectors for the development of healthy products. <p>A period abroad is mandatory.</p>

	D.M. 117/2023	<u>1 scholarship</u> in collaboration with CREA – Pontecagnano (SA) Topic: "Agronomic optimisation water and nutritional input in processing tomato crops through precision agriculture approaches"; <u>1 scholarship</u> in collaboration "MANIOLA smart sensing – Nocera Superiore (SA)" Topic: "Monitoring systems of microclimatic parameters in fig orchards under conditions of different quality and quantity of radiation"; <u>1 scholarship</u> in collaboration "BARILLA G. e R. Fratelli – Sede operativa di Melfi (PZ)" Topic: "Characterization of doughs and flours for naturally leavened bakery products: correlation with the production parameters and finished product quality, with a view to continuous improvement". <u>2 scholarship</u> in collaboration "M&C FABBRICA ALIMENTARE Srl – Tito Scalo (PZ)" on one of the following topics: 1) Technological innovation in the dry pasta sector - technical-economic assessments in the development of new top-of-the-range product lines; 2) Plants and technologies to control the process, manage quality and improve environmental performance in the production of dry pasta. A period in the company and abroad is mandatory.	
Positions reserved for graduates in foreign universities		With scholarship 0	Without scholarship 0
Positions without scholarship	0		
Admission procedure	The admission procedure is conducted through the: a) evaluation of qualifications b) evaluation, as part of the interview, of a research project , drawn up in Italian and English using the format set out in Annex C to the call for proposals, concerning the subject/type of grant for which you are competing (Ministerial Decree 117/2023 and Ministerial Decree 118/2023) c) video conference interview using google meet		

Evaluation criteria	<p>a) evaluation of qualifications: up to a maximum of 25 points minimum score to access the interview 15 points</p> <p>b) interview: up to a maximum of 75 points the interview is passed for a score not less than 45 points</p> <p>Minimum total score: 60 out/100.</p>	
Assessable qualifications	Graduation Thesis (The graduate candidate must attach the entire thesis; the candidate graduating a summary of the thesis project, in Italian or English, of max 16.000 characters)	max 10 points
	Degree mark (For candidates who have not yet obtained the degree, the weighted average of the marks obtained in all the exams of the degree program, taken on the date of submission of the application for admission, will be evaluated)	max 10 points
	Scientific publications (Articles in national and international scientific journals, proceedings of scientific conferences, books or book chapters)	max 3 points
	Other titles (University degrees or Master Specialization)	max 2 point
Interview program	<p>The interview, which can be held in Italian or English, will focus on the discussion of the submitted research project and is aimed at ascertaining the candidate's scientific interests and aptitude for research.</p> <p>During the interview, the knowledge of the Italian language will be ascertained for foreign candidates.</p>	
Foreign language	English (knowledge of a foreign language will be assessed during the interview)	
Schedule of the admission tests	<p>Evaluation of qualifications: results will be available from <u>September 11, 2023</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</p> <p>Day of the video conference interview: <u>September 13 and 14, 2023</u></p>	

ANNEX 1/e				
PhD program: HISTORY, CULTURE AND KNOWLEDGES OF MEDITERRANEAN EUROPE FROM ANTIQUITY TO CONTEMPORARY AGE XXXIX CYCLE – a.y. 2023-2024				
Department	Department of Human Sciences (DiSU) - Potenza			
Coordinator	Prof. Michele BANDINI e-mail: michele.bandini@unibas.it			
Duration	3 years			
Web site	Dottorato DiSU (unibas.it)l			
Curricula	1. Mediterranean civilizations, institutions and territory 2. Literatures, languages, cultures and knowledge in Mediterranean Europe			
Aims and topics	The PhD course aims at providing PhD students with the skills required to high quality research, as a result of a strong integration between "knowledge" and "know-how". The planned three-year course focuses on a plurality of themes, from the theoretical debate to the history of mentalities and thought, literary history, social-economic as well as political-institutional history. The course will enable PhD students to conduct original research at a high scientific level, with a special concern for the analysis of the relations between Southern Italy and other countries and/or areas of European countries in the Mediterranean basin. The interest for the historical dynamics will be accompanied by a special focus on the artistic, linguistic, literary, philosophical, and generally cultural experience. Within both <i>curricula</i> , the PhD student will get, on one hand, the ability to exploit all possible sources for historical reconstruction (historical, archaeological, linguistic, literary, artistic, philosophical, as well as audiovisual documents); moreover, he will learn to consider the intellectual expressions in their historical dimension.			
Admission requirements	Degree/Master in one of the following classes of degrees: LM-2, LM-11, LM-14, LM-15, LM-19, LM-37, LM-39, LM-43, LM-49, LM-62, LM-63, LM-65, LM-78, LM-84, LM-85, LM-85 bis, LM-89, LM-90, LM-92, 2/S, 15/S, 16/S, 17/S, 18/S, 24/S, 42/S, 44/S, 55/S, 70/S, 93/S, 94/S, 95/S, 96/S, 97/S, 98/S, 99/S, 101/S. Old system Degrees treated in the same classes or master degrees above according to Ministerial Decree 9th July 2009. Academic title obtained abroad and eligible for access to the PhD program, previously recognized by academic authorities, even in the context of inter-university cooperation and mobility agreements. In the absence of such approval, the candidate must apply a request in the application form according to the Art. 3 of this call.			
Available positions	7	With scholarship	Without scholarship	Supernumeraries Art. 23 Regulations of University of Basilicata
		4	1	2
Type of scholarships (Description awarding entity and research topic)	D.M. 118/2023 M4C1-INV. 4.1 <u>1 scholarship "PNRR-Research"</u> Topic: "Study and valorisation of the literary, artistic and archaeological heritage with a view to digital transition". <u>1 scholarship "Public administration"</u> Topic: "Multidisciplinary study and valorisation of historical, philosophical and educational heritage".			

		<u>1 scholarship "Cultural heritage"</u> Topic: "Study and valorisation of literary, artistic, archaeological and librarian heritage". A period in the company or research center or public administration and abroad and aboard is mandatory.	
Supernumeraries positions Art. 23 Regulations of University of Basilicata	2 positions	Candidates will have to present a research project related to on one of the following topics: 1) New learning spaces in the inclusive school; 2) The cloister and power. Maps and destinies of Benedictine monasteries in Apulia, Campania and Basilicata in the 14th-16th centuries: papacy, monarchy and feudality. A period abroad is mandatory.	
Positions reserved for graduates in foreign universities		With scholarship	Without scholarship
		0	0
Positions without scholarship	<u>1 position</u> A period abroad is mandatory.		
Admission procedure	The admission procedure is conducted through the: a) evaluation of qualifications b) evaluation, as part of the interview, of a research project , drawn up in Italian and English using the format set out in Annex C to the call for proposals, concerning the subject/type of grant for which you are competing (Ministerial Decree 118/2023 and specific topic for only supernumerary posts) c) video conference interview using google meet		
Evaluation criteria	a) evaluation of qualifications: up to a maximum of 25 points minimum score to access the interview 15 points b) interview: up to a maximum of 75 points The interview is passed for a score not less than 45 points Minimum total score: 60 out/100.		
Assessable qualifications	Graduation Thesis (The graduate candidate must attach the entire thesis; the candidate graduating a summary of the thesis project, in Italian or English, of max 16.000 characters)		max 8 points
	Degree mark (For candidates who have not yet obtained the degree, the weighted average of the marks obtained in all the exams of the degree program, taken on the date of submission of the application for admission, will be evaluated).		max 8 points

	Reference letters (attach two letters of presentation from university professors, at least one of which is external to the University of Basilicata)	max 2 points
	Scientific publications and Other titles (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...)	max 7 points
Interview program	<p>The interview, which can be held in Italian or English, will focus on the discussion of the submitted research project and is aimed at ascertaining the candidate's scientific interests and aptitude for research.</p> <p>During the interview, the knowledge of the Italian language will be ascertained for foreign candidates.</p>	
Foreign language	English or French or German or Spanish (knowledge of a foreign language will be assessed during the interview)	
Schedule of the admission tests	<p>Evaluation of qualifications: results will be available from <u>September 11, 2023</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</p> <p>Day of the video conference interview: <u>September 13, 2023 - 10:00</u></p>	

Self-certification as substitute for attested declarations under articles 46, President's decree 445/2000

(for candidates holding degrees awarded in Italy only)

DEGREE DESCRIPTION

**Italian second level degree "laurea magistrale" (under D.M. 270/04)
or Italian second level degree "laurea specialistica" (under D.M. 509/1999)
or Italian degree (prior to D.M. 509/1999)**

Aware of the provisions on criminal consequences for false declarations, under art. 76 of the President's decree 445/2000, the undersigned

Family name _____

Given name _____

Place of birth _____

Date of birth (dd/mm/yyyy) _____

Citizenship _____

E-mail for correspondence _____

DECLARES TO HOLD THE FOLLOWING DEGREE CERTIFICATE

(Tick only one of the three options)

☐ Italian second level degree "Laurea magistrale" (under D.M. 270/04) in _____
Degree class of _____

☐ Italian second level degree "Laurea specialistica" (under D.M. 509/1999) in _____
Degree class of _____

☐ Italian degree (prior to D.M. 509/1999) in _____

Degree awarded by the University of _____

on the (dd/mm/yyyy) _____

Final mark _____

or

to be enrolled in the degree/master in _____
_____ at the University of _____

_____ and who obtained their title by
_____;

b) to have supported the following exams:

[illegible]

_____ / _____
place date

Signature (legible and in full)

Please note: enclose a copy of a valid identity card or passport.

ANNEX B

Self-certification as substitute for attested declarations under article 46, Presidential decree 445/2000

(for candidates holding foreign degrees only)

**DESCRIPTION OF THE QUALIFICATION
(Degree, Master of Science or equivalent)**

Aware of the provisions on criminal consequences for false declarations, under art. 76 of the President's decree 445/2000, the undersigned

INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

Family name _____
Given name _____
Place of birth _____
Date of birth (dd/mm/yyyy) _____
Citizenship _____
E-mail for correspondence _____

INFORMATION IDENTIFYING THE QUALIFICATION

Level of Qualification (Degree, Master of Science or equivalent) _____
Qualification in _____
Qualification awarded at the University of _____
Qualification awarded on (dd/mm/yyyy) _____
Final degree mark/grade _____
Main Field(s) of Study for the Qualification _____
Language(s) of Instruction/Examination _____
Official Length of Programme (years) _____
Access Requirement(s) to Programme _____

**INFORMATION ON THE EXAMINATIONS AND RESULTS GAINED FOR THE QUALIFICATION
(Exams and individual grades/marks/credits obtained)**

DATE	EXAM	GRADE	MARK	CREDITS

...

Useful additional information about exams and results

Information on the function of the qualification in the country where the qualification was awarded

Does the title described above, in the country where it has been awarded, enable application to University PhD programmes? (Tick only one of the two options)

- ☐ Yes
- ☐ No

Date and place

Signature (legible and in full)

Allegato C/ Annex C

PROGETTO DI RICERCA / RESEARCH PROJECT

Cognome del candidato <i>Applicant's Surname</i>	
Nome del candidato <i>Applicant's Name</i>	

Corso di Dottorato in: PhD in: (Indicare il nome del Corso di Dottorato/Insert the name of the PhD Course)	
Indicare la tipologia di borsa e la tematica per la quale si intende concorrere/Insert the type of scholarship and the topic to apply Selezionare una sola opzione/Select only one option	
D.M. 118/2023 <input type="checkbox"/> Transizioni digitali e ambientali <input type="checkbox"/> PNRR-Ricerca <input type="checkbox"/> Pubblica amministrazione <input type="checkbox"/> Patrimonio culturale	Tematica (Vedi scheda del corso/"allegato 1" al bando): ... Research topic (Refer to PhD Sheet/"annex 1" to the Call): ...
<input type="checkbox"/> D.M. 117/2023	Tematica (Vedi scheda del corso/"allegato 1" al bando): ... Research topic (Refer to PhD Sheet/"annex 1" to the Call): ...

<p>Altra tipologia di borsa</p> <p><input type="checkbox"/> FABRE (Cities)</p> <p><input type="checkbox"/> ENEA (Scienze)</p> <p><input type="checkbox"/> ENEA (Ingegneria)</p> <p><input type="checkbox"/> CNR-IMAA (Ingegneria)</p>	<p>Tematica (Vedi scheda del corso/"allegato 1" al bando):</p> <p>...</p> <p>Research topic (Refer to PhD Sheet/"annex 1" to the Call):</p> <p>...</p>
--	--

Interessi scientifici del candidato e motivazioni a svolgere il corso di dottorato prescelto (max 3.000 caratteri spazi inclusi) / Applicant's scientific background and interest for the selected PhD program (max 3.000 characters including spaces)

In questa sezione il candidato potrà anche indicare le eventuali competenze utili allo sviluppo della proposta progettuale presentata nell'ambito della tematica scelta/In this section the applicant could also indicate possible skills and qualifications that can contribute to the development of the submitted project within the selected topic

Descrizione del progetto di ricerca/ Description of the Research Project

- a) **Stato dell'arte/State of the Art** (max 6.000 caratteri spazi inclusi/max 6.000 characters including spaces)
- b) **Obiettivi /Objectives** (max 2.000 caratteri spazi inclusi/ max 2.000 characters including spaces)
- c) **Metodologie/Methodology** (max 4.000 caratteri spazi inclusi/ max 4.000 characters including spaces)
- d) **Risultati attesi/Results** (max 2.000 caratteri spazi inclusi/max 2.000 characters including spaces)
- e) **Riferimenti bibliografici/References** (riportare esclusivamente il codice doi, ovvero il formato breve (es primo autore et al, anno di pubblicazione e rivista abbreviata /report only the doi code or the short format (e.g. first author et al, year of publication and abbreviated journal) (max 2.000 caratteri spazi inclusi/ max 2.000 characters including spaces)

Firma del candidato/Applicant's signature

ANNEX E

Video conference interview form
(art. 5 from the public announcement)

I, the undersigned

Surname:			
Name:			
Gender:	M	F	
Birth:	Date		
	City		
	Country		
Residence:	City		
	Country		
	e-mail		

REQUEST

to take the interview for the admission to the PhD in _____

in video conference.

_____ place _____/_____/_____ applicant's signature