



Finanziato dall'Unione europea  
NextGenerationEU



## PHD PROGRAMS XL CYCLE - ACADEMIC YEAR 2024/2025

### PUBLIC ANNOUNCEMENT FOR CANDIDATE SELECTION

**DEADLINE FOR ONLINE APPLICATION: July 29, 2024 at 12:00 AM (italian time)**

#### Art. 1 – Announcement

Public competition for admission to PhD programs, with administrative seat at the University of Basilicata, for the XL cycle – academic year 2024-2025, 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	<b>Cities and landscapes: architecture, archaeology, cultural heritage, history and resources</b>	<b>5</b>	<b>1</b>
School of Engineering	<b>Engineering for innovation and sustainable development</b>	<b>7</b>	<b>1</b>
Department of Sciences	<b>Science</b>	<b>5</b>	<b>0</b>
School of Agriculture, Forest, Food and Environmental Sciences	<b>Agricultural, forest and food sciences</b>	<b>8</b>	<b>1</b>
Department of Human Sciences	<b>History, culture and knowledge of mediterranean Europe from antiquity to contemporary</b>	<b>4</b>	<b>1</b>

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, 2024.

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



Finanziato dall'Unione europea  
NextGenerationEU



## **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:**



Finanziato dall'Unione europea  
NextGenerationEU



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 **July 29, 2024 at 12:00 AM (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.

The payment of € 30.00 must be made before July, 29 2024.

<sup>1</sup> 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](http://ec.europa.eu/education/ielong-learning-policy/ds_en.htm)



Finanziato dall'Unione europea  
NextGenerationEU



### **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 or 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.



Finanziato dall'Unione europea  
NextGenerationEU



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 D**) 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.



Finanziato dall'Unione europea  
NextGenerationEU



### **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.

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 629, Ministerial Decree 630, another specific topic) available.

The scholarships will be awarded respecting the position of the candidates in the ranking regardless of whether the topic 629, 630 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.

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



Finanziato dall'Unione europea  
NextGenerationEU



### 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:**

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

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



Finanziato dall'Unione europea  
NextGenerationEU



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. In addition, scholarships pursuant to DD.MM. 629 and 630 cannot be awarded "to doctoral students who have renounced scholarships under the XXXVIII cycle and the XXXIX cycle".

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*





Finanziato dall'Unione europea  
NextGenerationEU



*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. 629 of 24 April 2024 and Ministerial Decree no. 630 of 24 April 2024 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.

## **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.



Finanziato dall'Unione europea  
NextGenerationEU



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](mailto: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 di Ateneo in materia di contribuzione studentesca (available on the University website <http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html>).

**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**

ET/II

<b>ANNEX 1/a</b>		
<b>PhD program: CITIES AND LANDSCAPES: ARCHITECTURE, ARCHAEOLOGY, CULTURAL HERITAGE, HISTORY AND RESOURCES</b>		
<b>XL CYCLE – a.y. 2024-2025</b>		
<b>Department</b>	<b>Department of European and Mediterranean Cultures: Architecture, Environment, Cultural Heritages (DICEM) - Matera</b>	
<b>Coordinator</b>	Prof.ssa Antonella Grazia Maria Immacolata Romana GUIDA e-mail: <a href="mailto:antonella.guida@unibas.it">antonella.guida@unibas.it</a>	
<b>Duration</b>	3 years	
<b>Web site</b>	<a href="http://dicem.unibas.it/site/home/ricerca/dottorati-di-ricerca.html">http://dicem.unibas.it/site/home/ricerca/dottorati-di-ricerca.html</a>	
<b>Curricula</b>	Not provided	
<b>Aims and topics</b>	<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"> <li>• 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.</li> <li>• Stratigraphic analysis of urban and rural contexts according to the methods of the total history and the global archeology of the landscapes .</li> <li>• Study of natural, energy, water resources and effects of climate change, environmental quality and adaptation strategies for natural, rural and urban systems.</li> <li>• 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.</li> <li>• Process analysis of land instability, natural hazards, environmental and soil protection, and planning of urban, rural and coastal landscapes.</li> <li>• Analysis of rural and urban greening space, conservation of plant species in the natural environment and in the city.</li> <li>• Use of innovative technologies.</li> </ul>	
<b>Admission requirements</b>	<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);</p> <p>b) Laurea specialistica/magistrale (D.M. 509/99 and D.M. 270/2004);</p> <p>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>	
<b>Available positions</b>	<b>5</b>	<b>With scholarship</b>
		<b>Without scholarship</b>
		<b>4</b>
		<b>1</b>

<b>Type of scholarships</b> (Description awarding entity and research topic)	<b>D.M. 629/2024</b>	<b>M4C1-INV.4.1</b>  <b><u>1 Scholarship "Public administration"</u></b> Topic: "Applied research activities in public administrations"  A period in the public administration or company or research center and abroad is mandatory.	
	<b>D.M. 630/2024</b>	<b><u>1 scholarship in collaboration with the company "ATER Potenza"</u></b> Topic: "Social housing for the sustainable city. Computerisation models for the management of ATER's housing stock in Potenza and for its redevelopment"  <b><u>1 scholarship in collaboration with the company "Vivai Cooperativi Rauscedo SCA - Pordenone"</u></b> Topic: "Development of regeneration techniques in Vitis vinifera L. for the conservation of Basilicata viticultural biodiversity"  A period in the company and abroad is mandatory.	
	<b>CNR-IMAA [Tito Scalo (PZ)]</b>	<b><u>1 scholarship</u></b> Topic: "SAR satellite time series, ancillary information and artificial intelligence for environmental disturbance identification and monitoring"  A period in the CNR-IMAA and abroad is mandatory.	
<b>Positions reserved for graduates in foreign universities</b>		<b>With scholarship</b>	<b>Without scholarship</b>
		<b>0</b>	<b>0</b>
<b>Positions without scholarship</b>	<b>1</b> A period abroad is mandatory.		
<b>Admission procedure</b>	The admission procedure is conducted through the:  <b>a) evaluation of qualifications</b>  <b>b) evaluation, as part of the interview, of a research project</b> , drawn up in Italian or English using the format set out in <b>Annex C</b> to the call for proposals, concerning the subject/type of grant for which you are competing (Ministerial Decree 629/2024, Ministerial Decree 630/2024, another specific topic)  <b>c) interview</b>		
<b>Evaluation criteria</b>	<b>a) evaluation of qualifications: up to a maximum of 25 points</b> minimum score to access the interview <b>15 points</b>  <b>b) interview: up to a maximum of 75 points</b> the interview is passed for a score not less than <b>45 points</b>  <b>Minimum total score: 60 out of 100.</b>		

<b>Assessable qualifications</b>	<b>Graduation Thesis</b> (The graduate candidate must attach a summary of the thesis, in Italian or English, of max 16.000 characters)	Up to <b>6</b> points
	<b>Degree mark</b> (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 <b>15</b> points
	<b>Scientific publications</b> (Articles in national and international scientific journals, proceedings of scientific conferences, books or book chapters)	Up to <b>2</b> points
	<b>Other titles</b> (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...)	Up to <b>2</b> points
<b>Interview program</b>	<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>	
<b>Foreign language</b>	<b>English</b> (knowledge of a foreign language will be assessed during the interview)	
<b>Schedule of the admission tests</b>	<p><b>Evaluation of qualifications: results will be available from <u>August 8, 2024</u></b> on the website <a href="http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html">http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</a></p> <p><b>Day of the interview: <u>September 3, 2024 - 10:00 a.m.</u></b> Aula B 003 - Campus di via Lanera, 20 – Matera</p>	

<b>ANNEX 1/b</b>	
<b>PhD program: ENGINEERING FOR INNOVATION AND SUSTAINABLE DEVELOPMENT</b>	
<b>XL CYCLE – a.y. 2024-2025</b>	
<b>Department</b>	<b>Engineering School (SI-UniBas) - Potenza</b>
<b>Coordinator</b>	Prof.ssa Aurelia SOLE e-mail: <a href="mailto:aurelia.sole@unibas.it">aurelia.sole@unibas.it</a>
<b>Duration</b>	3 years
<b>Web site</b>	<a href="http://ingegneria.unibas.it/site/home/offerta-formativa/dottorati-di-ricerca/articolo64.html">http://ingegneria.unibas.it/site/home/offerta-formativa/dottorati-di-ricerca/articolo64.html</a>
<b>Curricula</b>	<ol style="list-style-type: none"> <li><b>1. Methods and Technologies for Environmental Monitoring and Protection</b></li> <li><b>1. Analysis and prevention of natural risks (seismic and landslide risks)</b></li> <li><b>2. Industrial Engineering and Information Technologies</b></li> </ol>
<b>Aims and topics</b>	<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><b>Curriculum "Methods and Technologies for Environmental Monitoring and Protection":</b>  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><b>Curriculum "Analysis and prevention of natural risks (seismic and landslide risks)":</b>  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><b>Curriculum "Industrial Engineering and Information Technologies":</b>  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.</p> <p>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>		
<b>Admission requirements</b>	<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);</p> <p>b) Laurea specialistica/magistrale (D.M. 509/99 and Dm 270/2004);</p> <p>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>		
<b>Available positions</b>	<b>7</b>	<b>With scholarship</b>	<b>Without scholarship</b>
		<b>6</b>	<b>1</b>
<b>Type of scholarships</b> (Description awarding entity and research topic)	<b>D.M. 630/2024</b>	<p><b><u>1 scholarship in collaboration with the company</u></b>  <b>"SAAR Meccanica S.r.l. – Nembro (BG)"</b>  Topic: "Cognitive Digital Twins for Predictive Control of flexible Machines and connected Services"</p> <p><b><u>1 scholarship in collaboration with the company</u></b>  <b>"CLUSTER LUCANO AEROSPAZIO – CLAS [Tito (PZ)]"</b>  Topic: "Advanced satellite techniques for monitoring natural, environmental and industrial risks"</p> <p><b><u>1 scholarship in collaboration with the company</u></b>  <b>"HYDROLAB s.r.l. – Ferrandina (MT)"</b>  Topic: "Analysis and mitigation of sanitary environmental risk in polluted sites"</p> <p><b><u>1 scholarship in collaboration with the company</u></b>  <b>"Confcooperative Basilicata – Potenza"</b>  Topic: "Environmental and social sustainability management in the co-operative firms"</p> <p>A period in the company and abroad is mandatory.</p>	

	<b>SI-UniBas/DTT S.c.a.r.l.</b>	<b>1 scholarship</b> Topic: "Development of the operative sequences of DTT remote handling control system"  A period in a company and abroad is mandatory.	
	<b>University of Basilicata</b>	<b>1 scholarship</b> on one of the following topics:  1) "Chemo-hydro-mechanical study of the behavior of clay landslides in the Apennine chain and dimensioning of sustainable and "green" interventions to mitigate their hazard"  2) "Forecasting and prevention of natural risks"  A period abroad is mandatory.	
<b>Positions reserved for graduates in foreign universities</b>		<b>With scholarship</b>	<b>Without scholarship</b>
		<b>0</b>	<b>0</b>
<b>Positions without scholarship</b>	<b>1</b> A period abroad is mandatory.		
<b>Admission procedure</b>	The admission procedure is conducted through the:  <b>a) evaluation of qualifications</b>  <b>b) evaluation, as part of the interview, of a research project</b> , drawn up in Italian or English using the format set out in <b>Annex C</b> to the call for proposals, concerning the subject/type of grant for which you are competing (Ministerial Decree 630/2024, another specific topic)  <b>c) interview</b>		
<b>Evaluation criteria</b>	<b>a) evaluation of qualifications:</b> up to a maximum of <b>25 points</b> minimum score to access the interview <b>12 points</b>  <b>b) interview:</b> up to a maximum of <b>75 points</b> the interview is passed for a score not less than <b>48 points</b>  <b>Minimum total score: 60 out of 100</b>		
<b>Assessable qualifications</b>	<b>Graduation Thesis</b> (The candidate must attach a summary of the thesis, in Italian or English, of max 16.000 characters)	Up to <b>5</b> points	
	<b>Degree mark</b> (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 <b>16</b> points	
	<b>Scientific publications</b> (Articles in national and international scientific journals, proceedings of scientific conferences, books or book chapters)	Up to <b>2</b> points	



	<b>Other titles</b> (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...)	Up to <b>2</b> points
<b>Interview program</b>	<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>	
<b>Foreign language</b>	<b>English</b> (knowledge of a foreign language will be assessed during the interview)	
<b>Schedule of the admission tests</b>	<p><b>Evaluation of qualifications: results will be available from <u>August 8, 2024</u></b> on the website <a href="http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html">http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</a></p> <p><b>Day of the interview: <u>September 2, 2024 - 10:30 a.m.</u></b></p> <p>Room Amatucci, V piano – School of Engineering – Macchia Romana Campus, 85100 Potenza</p>	

<b>ANNEX 1/c</b>			
<b>PhD program: SCIENCE</b>			
<b>XL CYCLE – a.y. 2024-2025</b>			
<b>Department</b>	<b>Department of Sciences - Potenza</b>		
<b>Coordinator</b>	Prof.ssa Patrizia FALABELLA e-mail: <a href="mailto:patrizia.falabella@unibas.it">patrizia.falabella@unibas.it</a>		
<b>Duration</b>	3 years		
<b>Web site</b>	<a href="http://scienze.unibas.it/site/home/didattica/offerta-post-laurea.html">http://scienze.unibas.it/site/home/didattica/offerta-post-laurea.html</a>		
<b>Curricula</b>	<ol style="list-style-type: none"> <li><b>1. Applied Biology</b></li> <li><b>2. Geo-Sciences</b></li> <li><b>3. Chemical Sciences</b></li> </ol>		
<b>Aims and topics</b>	<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>		
<b>Admission requirements</b>	<ol style="list-style-type: none"> <li>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);</li> <li>b) Laurea specialistica/magistrale (D.M. 509/99 and Dm 270/2004);</li> <li>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.</li> </ol>		
<b>Available positions</b>	<b>5</b>	<b>With scholarship</b>	<b>Without scholarship</b>
		<b>5</b>	<b>0</b>

<p><b>Type of scholarships</b> (Description awarding entity and research topic)</p>	<p>Scholarship <b>D.M. 630/2024</b></p>	<p><b><u>1 scholarship in collaboration with the company</u></b> <b>“TotalEnergies S.p.A. - Milano”</b></p> <p>on one of the following topics:  1) “Advanced biotechnologies for sustainable nutrition: insect cell lines, an innovative nutritional solution”  2) “Unconventional substrates for bioconverter insects: no-food applications of derived macromolecules”</p> <p><b><u>1 scholarship in collaboration with the company</u></b> <b>“Bioinnova s.r.l. - Potenza”</b></p> <p>Topic: “Agro-industrial wastewater valorisation and bioremediation through advanced biotechnological processes”</p> <p><b><u>1 scholarship in collaboration with the company</u></b> <b>“Wtech s.r.l. – Vaglio Basilicata (PZ)”</b></p> <p>Topic: “Agrivoltaics: energy efficiency, environmental sustainability and health protection”</p> <p><b><u>1 scholarship in collaboration with the company</u></b> <b>“VeroNatura s.r.l. – Lomazzo (CO)”</b></p> <p>Topic: “New phytotherapeutic products and their impact in experimental models for health promoting applications”</p> <p><b><u>1 scholarship in collaboration with the company</u></b> <b>“Sveba s.r.l. – Cassina Rizzardi (CO)”</b></p> <p>Topic: “Design, development and production, control of wellbeing and health products”</p> <p>A period in the company and abroad is mandatory.</p>	
<p><b>Positions reserved for graduates in foreign universities</b></p>		<p><b>With scholarship</b></p>	<p><b>Without scholarship</b></p>
		<p><b>0</b></p>	<p><b>0</b></p>
<p><b>Admission procedure</b></p>	<p>The admission procedure is conducted through the:</p> <p><b>a) evaluation of qualifications</b></p> <p><b>b) evaluation, as part of the interview, of a research project</b>, drawn up in Italian or English using the format set out in <b>Annex C</b> to the call for proposals, concerning the subject/type of grant for which you are competing (Ministerial Decree 630/2024)</p> <p><b>c) video conference interview</b> using google meet</p>		
<p><b>Evaluation criteria</b></p>	<p><b>a) evaluation of qualifications:</b> up to a maximum of <b>25 points</b> minimum score to access the interview <b>15 points</b></p> <p><b>b) interview:</b> up to a maximum of <b>75 points</b> the interview is passed for a score not less than <b>45 points</b></p> <p><b>Minimum total score: 60 out of 100</b></p>		

<b>Assessable qualifications</b>	<b>Graduation Thesis</b> (The candidate must attach a summary of the thesis, in Italian or English, of max 16.000 characters)	Up to <b>5</b> points
	<b>Degree mark</b> (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 <b>16</b> points
	<b>Scientific publications</b> (Articles in national and international scientific journals, proceedings of scientific conferences, poster, books or book chapters)	Up to <b>2</b> points
	<b>Other titles</b> (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad)	Up to <b>2</b> points
<b>Interview program</b>	<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>	
<b>Foreign language</b>	<b>English</b> (knowledge of a foreign language will be assessed during the interview)	
<b>Schedule of the admission tests</b>	<p><b>Evaluation of qualifications: results will be available from <u>August 8, 2024</u></b> on the website <a href="http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html">http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</a></p> <p><b>Day of the video conference interview: <u>September 3, 2024 - 10:30 a.m.</u></b></p>	

<b>ANNEX 1/d</b>			
<b>PhD program: AGRICULTURAL, FOREST AND FOOD SCIENCES ASSOCIATED WITH SALERNO UNIVERSITY</b>			
<b>XL CYCLE – a.y. 2024-2025</b>			
<b>Department</b>	<b>School of Agriculture, Forest, Food and Environmental Sciences (SAFE) - Potenza</b>		
<b>Coordinator</b>	Prof.ssa Teresa ZOTTA e-mail: <a href="mailto:dottoratosafe@unibas.it">dottoratosafe@unibas.it</a>		
<b>Duration</b>	3 years		
<b>Web site</b>	<a href="https://sites.google.com/unibas.it/safe-phd/">https://sites.google.com/unibas.it/safe-phd/</a>		
<b>Curricula</b>	<ol style="list-style-type: none"> <li><b>1. Agricultural, Forest and Environmental Science</b></li> <li><b>2. Food Sciences and Engineering</b></li> </ol>		
<b>Aims and topics</b>	<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"> <li>a) develop and propose research projects to local, national or international institutions, as well as to private industries;</li> <li>b) identify the needs of research according to their scientific, social and economic impact;</li> <li>c) 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);</li> <li>d) communicate and disseminate the results of research to scientific and non-scientific community (oral communications, publications on high-impact journals);</li> <li>e) transfer knowledge through teaching activities to academic institutions, industries, non-scientific communities;</li> <li>f) transfer the results of research in public and private sectors (knowing the issues related to Intellectual Property Rights, designing spin-offs and start-ups).</li> </ol>		
<b>Admission requirements</b>	<ol style="list-style-type: none"> <li>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);</li> <li>b) Laurea specialistica/magistrale (D.M. 509/99 and Dm 270/2004);</li> <li>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.</li> </ol>		
<b>Available positions</b>	<b>8</b>	<b>With scholarship</b>	<b>Without scholarship</b>
		<b>7</b>	<b>1</b>
<b>Type of scholarships</b> (Description awarding entity and research topic)	<b>D.M. 630/2024 Basilicata University</b>	<b><u>1 scholarship</u></b> <b>in collaboration with "Centro di Geomorfologia Integrata per l'Area del Mediterraneo (CGIAM) – Potenza"</b>  Topic: "New advanced technologies, based on the use of remotely-sensed data to be integrated into a GIS environment, for the implementation of the Agroecology concept at farm and territorial/landscape levels. Development of automated/semi-automated processes for the inclusion of remotely-sensed data into a GIS	

		<p>environment, to enable an informed territorial, environmental and landscape planning”;</p> <p><b><u>1 scholarship</u></b> <b>in collaboration with “Osservatorio per l’Ambiente Lucano (OPAL) - Potenza”</b></p> <p>Topic: “Development of advanced methodologies for the highlighting, evaluation, and representation of ecosystem services (ES); using GIS techniques, remote detection, and predictive models for the creation of integrated tools to support informed decisions on environmental and territorial issues; Expand sustainable practices for managing natural resources by implementing Payments for Ecosystem Services (PES) as an economic incentive to encourage sustainable conservation and ecosystem management”</p> <p><b><u>1 scholarship</u></b> <b>in collaboration with “Algaebiomed Srl (RM)”</b></p> <p>Topic: “Biosynthesis of metabolites, deriving from selected microalgae, by biotechnological approach useful to support biocompatible and eco-sustainable crop management”</p> <p><b><u>1 scholarship</u></b> <b>in collaboration with “Oleifici Masturzo Srl (NA)”</b></p> <p>Topic: “Study and definition of management protocols based on digital proximal systems for applications in innovative olive groves”</p> <p><b><u>1 scholarship</u></b> <b>in collaboration with “Cluster Energia Basilicata (PZ)”</b></p> <p>Topic: “Energy transition and food systems sustainability; agri-food sector and bioeconomy to support renewable energy communities; agri-food waste valorisation for energy purposes; energy-economic efficiency of agri-food firms”</p> <p>A period in the company and abroad is mandatory.</p>
	<p><b>D.M. 630/2024</b> <b>Salerno University</b></p>	<p><b><u>1 scholarship</u></b> <b>in collaboration with “PIXAG SRL (RO)”</b></p> <p>Topic: “New models of sustainable agrosystems through the valorisation and recycling of waste, co-products and by-products from the primary and agro-industrial sector; climate change mitigation and circular economy”</p> <p><b><u>1 scholarship</u></b> <b>in collaboration with “AGREEMENT SRL (MT)”</b></p> <p>Topic: “Precision and Digital Agriculture. Survey methods with SAPR and biogeophysical tools for the definition of sustainable agricultural systems. Applications of Artificial Intelligence to the assessment of different plant matrices”</p> <p>A period in the company and abroad is mandatory.</p>

Positions reserved for graduates in foreign universities		With scholarship	Without scholarship
		0	0
<b>Positions without scholarship</b>	<b>1</b> A period abroad is mandatory.		
<b>Admission procedure</b>	<p>The admission procedure is conducted through the:</p> <p><b>a) evaluation of qualifications</b></p> <p><b>b) evaluation, as part of the interview, of a research project</b>, drawn up in Italian or English using the format set out in <b>Annex C</b> to the call for proposals, concerning the subject/type of grant for which you are competing (Ministerial Decree 630/2024)</p> <p><b>c) video conference interview</b> using google meet</p>		
<b>Evaluation criteria</b>	<p><b>a) evaluation of qualifications:</b> up to a maximum of <b>25 points</b> minimum score to access the interview <b>15 points</b></p> <p><b>b) interview:</b> up to a maximum of <b>75 points</b> the interview is passed for a score not less than <b>45 points</b></p> <p><b>Minimum total score: 60 out/100.</b></p>		
<b>Assessable qualifications</b>	<b>Graduation Thesis</b> (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 <b>10</b> points	
	<b>Degree mark</b> (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 <b>10</b> points	
	<b>Scientific publications</b> (Articles in national and international scientific journals, proceedings of scientific conferences, books or book chapters)	max <b>3</b> points	
	<b>Other titles</b> (University degrees or Master Specialization)	max <b>2</b> point	
<b>Interview program</b>	<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>		
<b>Foreign language</b>	<b>English</b> (knowledge of a foreign language will be assessed during the interview)		
<b>Schedule of the admission tests</b>	<p><b>Evaluation of qualifications: results will be available from <u>August 8, 2024</u></b> on the website <a href="http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html">http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</a></p> <p><b>Day of the video conference interview: <u>September 4, 2024</u></b></p>		

<b>ANNEX 1/e</b>			
<b>PhD program: HISTORY, CULTURE AND KNOWLEDGES OF MEDITERRANEAN EUROPE FROM ANTIQUITY TO CONTEMPORARY AGE</b>			
<b>XL CYCLE – a.y. 2024-2025</b>			
<b>Department</b>	<b>Department of Human Sciences (DiSU) - Potenza</b>		
<b>Coordinator</b>	Prof. Michele BANDINI e-mail: <a href="mailto:michele.bandini@unibas.it">michele.bandini@unibas.it</a>		
<b>Duration</b>	3 years		
<b>Web site</b>	<a href="http://Dottorato DiSU (unibas.it)">Dottorato DiSU (unibas.it)</a>		
<b>Curricula</b>	<ol style="list-style-type: none"> <li><b>1. Mediterranean civilizations, institutions and territory</b></li> <li><b>2. Literatures, languages, cultures and knowledge in Mediterranean Europe</b></li> </ol>		
<b>Aims and topics</b>	<p>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.</p>		
<b>Admission requirements</b>	<p>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.</p> <p>Old system Degrees treated in the same classes or master degrees above according to Ministerial Decree 9th July 2009.</p> <p>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>		
<b>Available positions</b>	<b>4</b>	<b>With scholarship</b>	<b>Without scholarship</b>
		<b>3</b>	<b>1</b>
<b>Type of scholarships</b> (Description awarding entity and research topic)	<b>D.M. 629/2024 M4C1-INV. 4.1</b>	<p><b><u>1 scholarship</u> "Public administration"</b></p> <p>Topic: "Multidisciplinary study and valorisation of historical heritage from Antiquity to the Middle Ages"</p> <p>A period in the public administration or company or research center and aboard is mandatory.</p>	



	<b>University of Basilicata</b>	<b><u>2 scholarships</u></b> On one of the following topics:  1) Study and valorisation of the Italian linguistic and literary heritage;  2) Study and valorisation of the historical, archaeological or literary heritage of Mediterranean Europe.  A period abroad is mandatory.	
<b>Positions reserved for graduates in foreign universities</b>		<b>With scholarship</b>	<b>Without scholarship</b>
		<b>0</b>	<b>0</b>
<b>Positions without scholarship</b>	<b><u>1 position</u></b> A period abroad is mandatory.		
<b>Admission procedure</b>	The admission procedure is conducted through the:  <b>a) evaluation of qualifications</b>  <b>b) evaluation, as part of the interview, of a research project</b> , drawn up in Italian or English using the format set out in <b>Annex C</b> to the call for proposals, concerning the subject/type of grant for which you are competing (Ministerial Decree 629/2023 and other specific topic)  <b>c) video conference interview using google meet</b>		
<b>Evaluation criteria</b>	<b>a) evaluation of qualifications:</b> up to a maximum of <b>25 points</b> minimum score to access the interview <b>15 points</b>  <b>b) interview:</b> up to a maximum of <b>75 points</b> The interview is passed for a score not less than <b>45 points</b>  <b>Minimum total score: 60 out/100.</b>		
<b>Assessable qualifications</b>	<b>Graduation Thesis</b> (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 <b>8</b> points	
	<b>Degree mark</b> (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 <b>8</b> points	
	<b>Reference letters</b> (attach two letters of presentation from university professors, at least one of which is external to the University of Basilicata)	max <b>2</b> points	
	<b>Scientific publications and Other titles</b> (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...)	max <b>7</b> points	

<b>Interview program</b>	<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>
<b>Foreign language</b>	<b>English or French or German or Spanish</b> (knowledge of a foreign language will be assessed during the interview)
<b>Schedule of the admission tests</b>	<p><b>Evaluation of qualifications: results will be available from <u>August 8, 2024</u></b> on the website <a href="http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html">http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</a></p> <p><b>Day of the video conference interview: <u>September 3, 2024 - 10:00</u></b></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 \_\_\_\_\_



**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**

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

<input type="checkbox"/> <b>D.M. 629/2024 - Pubblica amministrazione</b> (Cities e Storia)	<b>Tematica</b> (Vedi scheda del corso/"allegato 1" al bando): ... <b>Research topic</b> (Refer to PhD Sheet/"annex 1" to the Call): ...
---	---

<input type="checkbox"/> <b>D.M. 630/2024</b>	<b>Tematica</b> (Vedi scheda del corso/"allegato 1" al bando): ... <b>Research topic</b> (Refer to PhD Sheet/"annex 1" to the Call): ...
---	---

<p><b>Altra tipologia di borsa</b></p> <p><input type="checkbox"/> <b>CNR-IMAA</b> (Cities)</p> <p><input type="checkbox"/> <b>DTT S.c.a.r.l/Si-UniBas</b> (Ingegneria)</p> <p><input type="checkbox"/> <b>Ateneo</b> (Ingegneria e Storia)</p>	<p><b>Tematica</b> (Vedi scheda del corso/"allegato 1" al bando):</p> <p>...</p> <p><b>Research topic</b> (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**

---

**ALLEGATO D**

**Video conference interview form**

(per i soli candidati residenti all'estero - art. 5 del Bando di concorso)

**Il/La sottoscritto/a**

Cognome			
Nome			
Sesso	M	F	
Nascita	Data		
	Città		
	Nazione		
Residenza	Città		
	Nazione		
	e-mail		

**CHIEDE**

di essere ammesso a sostenere la prova orale prevista per l'ammissione al Dottorato di ricerca in

\_\_\_\_\_

in modalità "a distanza".

\_\_\_\_\_/\_\_\_\_\_  
luogo / data

\_\_\_\_\_  
(firma del candidato)