



PhD PROGRAMS XXXII CYCLE - ACADEMIC YEAR 2016/2017

PUBLIC ANNOUNCEMENT FOR CANDIDATE SELECTION

RECTOR'S DECREE n. 303/2016

DEADLINE FOR ON LINE APPLICATIONS: SEPTEMBER 2, 2016 at 1:00 PM

Art. 1 – Announcement

Public competition for admission to PhD programs, with administrative seat at the University of Basilicata, for the XXXII cycle – academic year 2016-2017, have been announced as specified in **Annex 1**.

Below the PhD programs:

Departement/School	PhD program	Number of total available positions	Positions with scholarship
Department of Sciences	Applied Biology and Environmental Safeguard	5	4
Department of European and Mediterranean Cultures: Architecture, Environment, Cultural Heritage	Cities and Landscapes: Architecture, Archaeology, Cultural Heritage, History and Resources	9	7
School of Engineering	Engineering for Innovation and Sustainable Development	8	6
School of Agriculture, Forest, Food and Environmental Sciences	Agricultural, Forestry and Food Sciences	8	6
Department of Human Sciences	History, Culture and Knowledge of Mediterranean Europe from antiquity to contemporary	8	6

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**).

The courses shall officially begin on October 1, 2016.

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

The available scholarships will be increased as a result of government funding ("Fondo Giovani") or as a result of loans obtained by government agencies or private organizations (also related to specific topics) 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 available positions with scholarship will be increased as a result of participation in the University MIUR prot. n. 1540 July 29, 2016, aimed at the promotion of doctoral training initiatives characterized by strong



industrial interest and the involvement of companies, through the funding of scholarships for doctoral degrees, as part of the **PON RI 2014-2020, Asse prioritario I "Investimenti in Capitale Umano", Azione I.1. "Dottorati innovativi con caratterizzazione industriale"**.

Under Article 9, paragraph 1, of the aforementioned notice "Recipients of additional scholarships, of which the applications for funding submitted by the universities out of the present decree, are graduates usefully classified in the ranking for admission to PhD program for 2016/2017 academic year, XXXII cycle .

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 and no later than **October 31, 2016**. In this case, conditional admission shall be granted. The Administration will check these requirements at the October 31, 2016: failure to meet these requisites will result in the irrevocable loss of the right to enroll.

For candidates who completed their degree by 31 October, 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 or are enrolled in another PhD program are not eligible for scholarships. 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.



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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' (<http://www.study-in-italy.it/studying/info-07.html>) 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.

(For more information, refer to the websites <http://www.study-in-italy.it/php5/study-italy.php?lang=EN&idorizz=3&idvert=19> and <http://www.studiare-in-italia.it/studentistranieri/4.html>)

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 2, 2016, at 1:00 PM, 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 the special payment slip in MAV bank format printed out at the end of the admission application procedure.

The payment of € 30.00 must be made before September, 2 2016.

Foreign students are exempted from the payment of the € 30,00 fee.

If the PhD program provides the choice of the curriculum, applicants must indicate a specific curriculum.

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/lifelong-learning-policy/ds_en.htm



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;
- 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) the summary of the thesis;
- 6) Research project, using the form in Annex C;
- 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) Video conference interview , using the form in Annex D.

All academic qualifications, documents and publications considered useful for the application procedure must be attached in .pdf or .rtf file form with a maximum size of 20 MB. Attachments larger than 20 MB must be divided into smaller files.

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, possibly supplemented by a written test or interview or both. The candidate may also be asked to present a research project to be attached to the application.

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

During the interviews, 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 (e.g., Skype or similar). 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. The interview may be taken in one of the foreign languages as indicated, for each competition, in Annex 1.

The form must contain the name of the chosen platform (Skype or similar) and address of the user that will be used by the Commission for the video call. The candidate must be personally available on the day indicated for the interview, according to the schedule provided by each PhD program (Annex 1).

For identification purposes, each candidate is required to identify themselves before the interview begins, exhibiting the identity document already provided as a copy in the application.

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.

In case of these positions will be not assigned, they may be made available to other candidates, which resulted eligible. The merit list of candidates is formulated according to the order of the total score for each candidate. The overall scores are the sum of those achieved in the evaluation of the titles and any additional tests. In case of candidates will renounce, replacing candidates will be identified. The merit list will be made public through posting on the official web site of University of Basilicata as well as electronically on the website: web <http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html>.

There will not be personal communications to the candidates.

Art. 7 – Admission

Candidates will be admitted to the PhD program in order of ranking, up to the number of positions available for each PhD program.

At the firsts in the list will be awarded the scholarships, up to the number of grants available.

In the case of equal merit, the youngest candidate (ex art. 3 L. 127/1997, amended by art. 2, para. 9 of Law 191/1998) will be awarded.

Within each curriculum, in accordance with the above criteria, assignment of scholarships will be made on the basis of the evaluation and abilities of candidates assessed during the interview and based on the research project submitted.

In the case of grants assigned to a curriculum with lack of winners (for this specific curriculum), these scholarships can be assigned by the Examination Committee to eligible candidates according to the merit list and requirements and abilities of candidates.

If one candidate is ranked in more than one PhD program list, he/she must choose only one PhD program. The option must be posted promptly within eight days of publication of the candidate admitted lists 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, within a maximum of 8 (eight) days from the date of publication of the lists 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 five (5) days from the time of receipt of the email. Failure to comply will result in loss of the right to admission.



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Students who enroll in the PhD courses are required to pay a fixed registration fee and contributions, the payment of the regional tax for the right to university study tax and stamp duty paid virtually, as quantified below:

Fixed registration fee	€ 420,00	payable at registration
Fixed contribution	€ 80,00	payable at registration
Variable contribution	from € 50,00 to € 1.000,00	to be paid in one or two installments depending on ISEE
Regional tax for the right to university study	€ 140,00	payable 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 May 2 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 (€ 420,00 + € 8,00 + € 140,00 + € 16,00).]

For further information concerning registration fees, tuition fees and waivers, see the Title III of the "Determination of the fees, contributions and exemptions for students enrolled in degree programs, master's degree and master's degree at whom, in the course specialization in archaeological heritage and PhD courses - academic year 2016/2017".

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. 238 of July 10, 2013.

Art. 9 – Scholarships

The scholarship, worth a gross annual total of **€13,638.47**, 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. 18 of the University Rules of PhD research and with the Rules of each PhD program.

Starting from the second 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 monthly. 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.

If the quitter is scholarship holder to rely on a specific Convention, or on specific programs/curricula, the transfer of residue part to the next doctoral candidate it will be possible following opinion of the Board of teachers, except in each case as required by Convention or specific programs/curricula.

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.

Up on the enrolment, candidates registered in such courses must comply with the incompatibility requirement mentioned above, under penalty of exclusion from PhD program.

The relevant incompatibility rules are set out in articles 24 of the Regulations of PhD programs of the University of Basilicata issued with the DR n. 238 of 10 July 2013 and to the current matters laws.

Art. 11 - Duties and rights of PhD students

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

Students enrolled in the PhD programs are required to attend and carry out all the activities of study and research in the related structure as prescribed by the Board of each PhD program.

Students are required to carry out collective and individual study and research activities, as indicated by the teachers and tutors. Students, as an integral part of the training project of the University, can apply, after the approval of the PhD Board and without any increase in scholarship, for tutoring of students in undergraduate and master's degree, and, within the limit maximum of forty hours in each academic year, supplementary teaching activities.

The rights and duties of PhD students are governed by law: Art 19 et following of the Regulations of PhD programs of the University of Basilicata issued with the D.R. n. 238 of July 10, 2013. The same rules govern the frequency, permissions, suspensions, incompatibilities modes of graduation.

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

Doctoral students are required to periodically check the website <http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html>, on which several notices are published such as deadlines, regulations, documents and all communications regarding graduate students.

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 refers to Article 21 of the Regulations of the PhD programs of the University of Basilicata, issued with D.R. n. 238 of July 10, 2013.



Art. 13 - Treatment and processing of personal information

In accordance with its Regulations issued in application of Italian Legislative Decree N° 196, dated 30 June 2003, 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.

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 MIUR.

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

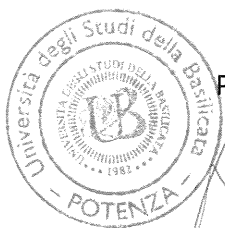
Art. 15 – Responsible of the procedure

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 8 February 2013, n. 45; c) the law 30 December 2010, n. 240; d) the Regulations of the PhD programs of the University of Basilicata, issued with D.R. n. 238 of July 10, 2013; e) the Academic Regulations and Operation of each specific PhD program; f) the "Determination of the fees, contributions and exemptions for students enrolled in degree programs, master's degree and master's degree at whom, in the course specialization in archaeological heritage and PhD courses - academic year 2016/2017" (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. Aurelia SOLE

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ANNEX 1/a			
International PhD program in: APPLIED BIOLOGY AND ENVIRONMENTAL SAFEGUARD			
XXXII CYCLE – a.y. 2016-2017			
Department	Department of Sciences - Potenza		
Coordinator	Prof. Sabino Aurelio BUFO e-mail: sabino.bufo@unibas.it		
Duration	3 years		
Web site	http://www.phd-science.eu/index.php/en/		
Curricula	Geo-Systems, Geo-Resources and Environmental Safeguard Applied Biology		
Aims and topics	The PhD program in "Applied Biology and Environmental Safeguard" is at its first renewal having been established by the XXX cycle. It represents the evolution of experiences that in the past have involved teachers and researchers in the scientific community of the University of Basilicata, and affiliated to foreign universities, in international doctorate in "Bioecosistemi and Biotechnology / BioEcoSystems and BioTechnology." In this new identity, the PhD program fits into the interdisciplinary field of biological and natural sciences at the crossroads of several fields of study that have a common language and the scientific method. It aims to provide students with the tools for applied research in animal biology, plant, microbial and environmental fields, as well as for research in the areas of environmental monitoring, conservation, environmental protection, and utilization of natural resources, paving the way to research programs on "Geo-Systems and Geo-resources", and implementing new Green and White Technologies in the utilization of natural resources. The PhD program in "Applied Biology and Environmental Safeguard", therefore, combines the powers of the previous international doctorate in "Bioecosistemi and Biotechnology / BioEcoSystems and BioTechnology" and those included in the doctoral program in "Earth Sciences", both of the Department of Science. Moreover, This PhD program has been created to address research areas that have strong application outcomes.		
Admission requirements	- 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 make request in the application form according to the Art. 3 of this call.		
Available positions	5	With scholarship	Without scholarship
		4 including 1 reserved for a degree in foreign universities	1
Type of scholarships (Description awarding entity and research topic)	Scholarships funded by MIUR	1 scholarship to Curriculum Applied Biology in the following topics: - New inter-cellular and fra inter-organism communication types: source for bio-mimetism, the process of simulation of wath occurs in nature; - Molecular mechanism of nutrition pathologies; - Development of functionalized scaffolds for biomedical applications.	
	Scholarships funded by Unibas	1 scholarship to Curriculum Geo-Systems, Geo-Resources and Environmental Safeguard in the following topics: - Genetic models of mediterranean area fluids: isotopic approach and noble gases; - Sedimentological analysis of tide-influenced stratigraphic successions developed in the mediterranean area during the Cenozoic and their environmental role (TIDAL-SED); - The geochemical approach to Mediterranean geological environments and mineralizations; - Role of deformation on migration and storage of geofluids in the upper crust.	

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		1 scholarship to Curriculum Applied Biology in the following topics: 1) Use of thermostable enzymes in the recovery process of stone works of historical and artistic interest; 2) Identification and determination of the della bio-activity of natural products and their possible use for pharmaceutical purposes.	
	Scholarships funded by Department of Sciences	1 scholarship to Curriculum Geo-Systems, Geo- Resources and Environmental Safeguard in the following topic: 1) Study of stone materials degradation due to natural phenomena and human activities, possible reconstructive actions on materials used in artworks.	
Positions with scholarship, reserved to students with foreign degree		With scholarship	Without scholarship
		1	0
Admission procedure	The admission procedure is conducted through the: a) evaluation of qualifications b) evaluation of a research project due to the pilot issue of the chosen curriculum , which will be evaluated together with the titles c) interview For applicants residing abroad, the admission procedure is conducted through the: a) evaluation of qualifications b) interview		
Evaluation criteria	a) evaluation of qualifications: up to a maximum of 60 points They will be allowed to interview candidates who have achieved a rating of not less than 36 points b) interview: up to a maximum of 40 points The interview will be considered passed if the candidates will be given an overall rating of no less than 24 points Minimum total score: 60 out of 100.		
Interview by teleconferencing for candidates residing abroad (please see art. 5 of the Call- Annex D)	Yes (during the interview it will assess the knowledge of the Italian language)		
Assessable qualifications	Graduation Thesis (The candidate must also submit a summary in Italian or English of the thesis of max 16.000 characters)	Up to 5 points	
	Degree mark	Up to 10 points	
	Research project (It must be written in English or Italian, due to the pilot issue of the chosen curriculum, using the specimen in Annex C, and will be assessed in relation to: degree of innovation compared to the state; clarity of scientific interests and motivations; the subject of research knowledge; degree of sustainability of the proposal, considering the doctoral period. Maximum length: 16.000 characters)	Up to 30 points	
	Scientific publications (Articles in national and international scientific journals , proceedings of scientific conferences, books or book chapters)	Up to 5 points	
	Other titles (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...)	Up to 10 points	

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Interview program	Can be taken in English and will be assessed taking into account the ability to deal in organic form the proposed issues, particularly with respect to clarity, the ability to synthesize, to the mastery of terminology and the level of detail and knowledge of the English language.
Foreign language	English (knowledge of a foreign language will be assessed during the interview)
Schedule of the admission tests	Titles evaluation: results will be available from <u>September 15, 2016</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html Day of the oral test: <u>september 20, 2016 - 10:00 a.m.</u> Meeting room - Department of Sciences – Campus di Macchia Romana, 85100 Potenza

UNIVERSITÀ DEGLI STUDI DELLA BASILICATA

ANNEX 1/b			
PhD program in: CITIES AND LANDSCAPES: ARCHITECTURE, ARCHAEOLOGY, CULTURAL HERITAGE, HISTORY AND RESOURCES			
XXXII CYCLE – a.y. 2016-2017			
Department	Department of the European and Mediterranean Cultures: Architecture, Environment, Cultural Heritages (DICEM) - Matera		
Coordinator	Prof. Mauro FIORENTINO e-mail: mauro.fiorentino@unibas.it		
Duration	3 years		
Web site	http://dicem.unibas.it/site/home/ricerca/dottorati-di-ricerca.html		
Curricula	Not provided		
Aims and topics	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: • 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 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 make request in the application form according to the Art. 3 of this call.		
Available positions	9	With scholarship	Without scholarship
		7 including 1 reserved for a degree in foreign universities	2
Type of scholarships (Description awarding entity and research topic)	Scholarships funded by MIUR	2	
	Scholarships funded by Unibas	3	
	Scholarships funded by DICEM	1	
	Other scholarships	1 Funded by ALSIA – Centro Ricerche Metapontum Agrobios on the issue " Plant phenotyping "	
Positions with scholarship, reserved to students with foreign degree		With scholarship	Without scholarship
		1	0

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Admission procedure	The admission procedure is conducted through the: a) evaluation of qualifications b) evaluation of a research project due to the pilot issue "KNOWLEDGE, ARTS AND TECHNOLOGIES FOR THE PROTECTION AND DEVELOPMENT OF ASSETS AND IDENTITARY LANDSCAPES: resources, sustainability and opportunities in medium-sized cities and inland areas", which will be evaluated together with the titles c) interview	
Evaluation criteria	a) evaluation of qualifications: up to a maximum of 60 points They will be allowed to interview candidates who have achieved a rating of not less than 36 points b) interview: up to a maximum of 40 points The interview will be considered passed if the candidates will be given an overall rating of not less than 24 points Minimum total score: 60 out of 100.	
Interview by teleconferencing for candidates residing abroad (please see art. 5 of the Call- Annex D)	Yes (during the interview it will assess the knowledge of the Italian language)	
Assessable qualifications	Graduation Thesis (the candidate must also submit a summary in Italian or English of the thesis of max 16.000 characters)	Up to 5 points
	Degree mark	Up to 10 points
	Research project (It must be written in English or Italian, due to the pilot issue of the chosen curriculum, using the specimen in Annex C, and will be assessed in relation to: degree of innovation compared to the state; clarity of scientific interests and motivations; the subject of research knowledge; degree of sustainability of the proposal, considering the doctoral period. Maximum length: 16.000 characters)	Up to 30 points
	Scientific publications (Articles in national and international scientific journals , proceedings of scientific conferences, books or book chapters)	Up to 5 points
	Other titles (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...)	Up to 10 points
Interview program	It can be taken in Italian or English, and will focus on the discussion of the research project presented.	
Foreign language	English (knowledge of a foreign language will be assessed during the interview)	
Schedule of the admission tests	Evaluation of qualifications: results will be available from <u>September 13, 2016</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html Day of the oral test: <u>september 22, 2016 - 10:00 a.m.</u> Meeting room - Department of the European and Mediterranean Cultures: Architecture, Environment, Cultural Heritages (DICEM) - Via San Rocco, 75100 Matera	

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ANNEX 1/c	
PhD program in: ENGINEERING FOR INNOVATION AND SUSTAINABLE DEVELOPMENT	
XXXII CYCLE – a.y. 2016-2017	
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 2. Analysis and prevention of natural risks 3. Industrial Engineering and Information Technologies
Aims and topics	The development, implementation and adoption of models of sustainable development requires the convergence of innovative methodologies and technologies covered by different disciplines. Therefore, the main objective of the PhD program is to train researchers of high scientific qualification, capable of contributing to the creation and implementation of innovative development models, efficient, socially sustainable and aimed at the protection of the environment. Future PhDs will be characterized by the ability to integrate specialized expertise with general methodologies and transversal knowledge as well as methodological rigor and sensitivity to application developments. Specialist skills will be acquired in one of the following areas: methods and technologies for monitoring and protecting the environment, methods of analysis, prevention and reduction of natural hazards, management of raw materials, energy systems and industrial production, methods and systems for the treatment and transmission of information. Future graduates will also acquire soft skills in the field of sensors, the satellite platform of tools, modeling and analysis of complex interacting systems and technologies in the public. Topics of the curriculum "Methods and Technologies for Environmental Monitoring and Protection": • 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 SAR and Cosmo-SkyMed data for environmental monitoring Topics of the curriculum "Analysis and prevention of natural risks": • 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 SAR and Cosmo-SkyMed data for natural hazard monitoring Topics of the curriculum "Industrial Engineering and Information Technologies": • 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

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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 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 make request in the application form according to the Art. 3 of this call.		
Available positions	8	With scholarship 6 including 1 reserved for a degree in foreign universities	Without scholarship 2
Type of scholarships (Description awarding entity and research topic)	Scholarships funded by MIUR	2	
	Scholarships funded by Unibas	3	
	Scholarships funded by Engineering School	1	
	Other scholarships	0	
Positions with scholarship, reserved to students with foreign degree		With scholarship	Without scholarship
		1	0
Admission procedure	The admission procedure is conducted through the: a) evaluation of qualifications b) evaluation of a research project due to the pilot issue of the chosen curriculum , which will be evaluated together with the titles c) interview		
Evaluation criteria	a) evaluation of qualifications: up to a maximum of 40 points They will be allowed to interview candidates who have achieved a rating of not less than 24 points b) interview: up to a maximum of 60 points The interview will be considered passed if the candidates will be given an overall rating of not less than 36 points Minimum total score: 60 out of 100.		
Interview by teleconferencing for candidates residing abroad (please see art. 5 of the Call- Annex D)	Yes (during the interview it will assess the knowledge of the Italian language)		
Assessable qualifications	Graduation Thesis (the candidate must also submit a summary in Italian or English of the thesis of max 16.000 characters)	Up to 5 points	
	Degree mark	Up to 20 points	
	Research project (It must be written in English or Italian, due to the pilot issue of the chosen curriculum, using the specimen in Annex C, and will be assessed in relation to: degree of innovation compared to the state; clarity of scientific interests and motivations; the subject of research knowledge; degree of sustainability of the proposal, considering the doctoral period. Maximum length: 16.000 characters)	Up to 5 points	
	Scientific publications (Articles in national and international scientific journals , proceedings of scientific conferences, books or book chapters)	Up to 5 points	
	Other titles (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...)	Up to 5 points	

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Interview program	It can be taken in Italian or English, and will focus, for each curriculum, on relative issues.
Foreign language	English (knowledge of a foreign language will be assessed during the interview)
Schedule of the admission tests	Evaluation of qualifications: results will be available from <u>September 13, 2016</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html Day of the oral test: <u>september 16, 2016 - 10:00 a.m.</u> Classroom Amatucci – Engineering School – Campus di Macchia Romana, 85100 Potenza

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ANNEX 1/d			
PhD program in: AGRICULTURAL, FORESTRY AND FOOD SCIENCES			
XXXII CYCLE – a.y. 2016-2017			
Department	School of Agriculture, Forest, Food and Environmental Sciences (SAFE) - Potenza		
Coordinator	Prof. Marco BORGHETTI e-mail: dottoratostafa@unibas.it		
Duration	3 years		
Web site	http://www2.unibas.it/dottoratostafa/wordpress/		
Curricula	1. Food Science, Technology and Biotechnology 2. Animal, Plant and Environmental Sciences 3. Land, Environmental and Forest Sciences		
Aims and topics	The objective is to provide a sound knowledge and know-how (with special reference to: scientific method and procedures, research project organization and ideation, results presentation, evaluation of scientific and technological novelty) in order to build a professional able to conduct research, research management transfer and high-profile extension. In particular, the preparation will be addressed to the following learning objectives: a) acquisition of innovative knowledge in the field of plant science, animal, environmental, land, forest and food technology; b) autonomy in the design and conduct of original and innovative research projects, ability to publish the results in the most qualified in the industry journals, to communicate them in national and international scientific conferences, as well as audiences of technicians and administrators; c) ability to manage resources and staff in research both basic and applied, in universities, research institutions, government agencies, enterprises and national and international agencies; d) ability to promote, in academic and professional contexts, technological advancement, social or cultural area based on scientific knowledge.		
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 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 make request in the application form according to the Art. 3 of this call.		
Available positions	8	With scholarship	Without scholarship
		6	2 including 1 reserved for a degree in foreign universities
Type of scholarships (Description awarding entity and research topic)	Scholarships funded by MIUR	2	
	Scholarships funded by Unibas	2	
	Scholarships funded by SAFE	2	
	Other scholarships	0	
Positions with scholarship, reserved to students with foreign degree		With scholarship	Without scholarship
		0	1
Admission procedure	The admission procedure is conducted through the: a) evaluation of qualifications b) written test c) interview		

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Evaluation criteria	a) evaluation of qualifications: up to a maximum of 20 points They will be allowed to written test candidates who have achieved a rating of not less than 4 points b) written test: up to a maximum of 30 points They will be allowed to interview candidates who have achieved a rating of not less than 21 points c) interview: up to a maximum of 50 points The interview will be considered passed if the candidates will be given an overall rating of not less than 35 points Minimum total score: 60 out of 100.	
Interview by teleconferencing for candidates residing abroad (please see art. 5 of the Call- Annex D)	Yes (during the interview it will assess the knowledge of the Italian language)	
Assessable qualifications	Graduation Thesis (the candidate must also submit a summary in Italian or English of the thesis of max 16.000 characters)	Up to 2 points
	Degree mark	Up to 10 points
	Scientific publications (Articles in national and international scientific journals , proceedings of scientific conferences, books or book chapters)	Up to 4 points
	Other titles (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...)	Up to 4 points
Written test program	The topic of the written test will be differentiated for the three curricula and will focus on general research topics, proposed by the committee at the time of the test. The assessment will consider the state of the art quality, the clarity and synthesis of the dissertation. For each curriculum, the Committee will propose three themes, drawn from five, and the candidate will choose one.	
Interview program	The interview will focus on the research topic developed in the written test.	
Foreign language	English (knowledge of a foreign language will be assessed during the interview)	
Schedule of the admission tests	Evaluation of qualifications: results will be available from <u>September 6, 2016</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html Day of the written test: <u>september 8, 2016 - 10:00 a.m</u> Classroom A20 – School of Agriculture, Forest, Food and Environmental Sciences (SAFE) - Campus di Macchia Romana, 85100 Potenza Day of the interview: <u>september 15, 2016 - 9:00 a.m.</u> Meeting room – School of Agriculture, Forest, Food and Environmental Sciences (SAFE) - Campus di Macchia Romana, 85100 Potenza	

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ANNEX 1/e			
PhD program in: HISTORY, CULTURE AND KNOWLEDGES OF MEDITERRANEAN EUROPE FROM ANTIQUITY TO CONTEMPORARY AGE			
XXXII CYCLE – a.y. 2016-2017			
Department	Department of Human Sciences (DiSU) - Potenza		
Coordinator	Prof. Aldo CORCELLA e-mail: aldo.corcella@unibas.it		
Duration	3 years		
Web site	http://disu.unibas.it/site/home/offerta-formativa/dottorati-di-ricerca.html		
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-37, LM-39, LM-43, LM-49, LM-62, 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 make request in the application form according to the Art. 3 of this call.		
Available positions	8	With scholarship	Without scholarship
		6	2
Type of scholarships (Description awarding entity and research topic)	Scholarships funded by MIUR	2	
	Scholarships funded by Unibas	2	
	Scholarships funded by Department of Human Science	2	
	Other scholarships	0	
Positions with scholarship, reserved to students with foreign degree		With scholarship	Without scholarship
		0	0
Admission procedure	The admission procedure is conducted through the: a) evaluation of qualifications b) written test c) interview For applicants residing abroad, the admission procedure is conducted through the: a) evaluation of qualifications b) interview		

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Evaluation criteria	a) evaluation of qualifications: up to a maximum of 20 points They will be allowed to written test candidates who have achieved a rating of not less than 12 points b) written test: up to a maximum of 40 points They will be allowed to interview candidates who have achieved a rating of not less than 24 points c) interview: up to a maximum of 40 points The interview will be considered passed if the candidates will be given an overall rating of not less than 24 points For applicants residing abroad: a) evaluation of qualifications: up to a maximum of 20 points They will be allowed to interview candidates who have achieved a rating of not less than 12 points b) interview: up to a maximum of 80 points The interview will be considered passed if the candidates will be given an overall rating of no less than 48 points Minimum total score: 60 out of 100.	
Interview by teleconferencing for candidates residing abroad (please see art. 5 of the Call- Annex D)	Yes (during the interview it will assess the knowledge of the Italian language)	
Assessable qualifications	Graduation Thesis (the candidate must also submit a summary in Italian or English of the thesis of max 16,000 characters)	Up to 3 points
	Degree mark	Up to 8 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 6 points
Written test program	The written test will focus on the topics of the PhD program.	
Interview program	The interview will focus on the topics of the PhD program and on the content of the written test.	
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	Evaluation of qualifications: results will be available from <u>September 8, 2016</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html Day of the written test: <u>september 13, 2016 – 9:30 a.m</u> Department of Human Sciences (DiSU) – Via Nazario Sauro, 85, 85100 Potenza Day of the oral test: <u>september 20, 2016 - 9:30 a.m.</u> Department of Human Sciences (DiSU) – Via Nazario Sauro, 85, 85100 Potenza	