

**ANNEX 1**

<b>ANNEX 1/a</b>	
<b>International PhD program in: CITIES AND LANDSCAPES: ARCHITECTURE, ARCHAEOLOGY, CULTURAL HERITAGE, HISTORY AND RESOURCES</b>	
<b>XXXVII CYCLE – a.y. 2021-2022</b>	
<b>Department</b>	<b>Department of European and Mediterranean Cultures: Architecture, Environment, Cultural Heritages (DICEM) - Matera</b>
<b>Coordinator</b>	Prof. Mauro FIORENTINO e-mail: <a href="mailto:mauro.fiorentino@unibas.it">mauro.fiorentino@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>With scholarship</b>	<b>Without scholarship</b>
<b>Available positions</b>	<b>9</b> including 2 reserved positions	<b>5</b>	<b>2</b>
<b>Type of scholarships</b>  (Description awarding entity and research topic)	Scholarships funded by <b>MUR</b>	<b>2</b>	
	Scholarships funded by <b>REGIONE BASILICATA</b>	<p><b>1 scholarship</b> in the mandatory topic "Biophilia and design. Local health centers for the regeneration of the heritage of inner areas and the health of communities"</p> <p><b>1 scholarship</b> in the mandatory topic "Identification and monitoring of suitable sites in inland areas of Basilicata, southern Italy, for the creation of a mini-hydroelectric RES network"</p> <p>A period in the company is mandatory for this kind of scholarships.</p>	
	Scholarships funded by <b>CNR-DIGIMAT S.p.A.</b>	<b>1 scholarship</b> in the mandatory topic "Towards the Digital Twin for the management, monitoring and valorization of cultural heritage"	
<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 reserved for partners</b>	<b>Universidad San Gregorio de Portoviejo (Ecuador)</b>	<b>2 positions</b> reserved for graduates in Ecuador preselected by the Universidad San Gregorio de Portoviejo	
<b>Positions without scholarship</b>	<b>2</b>		
<b>Admission procedure</b>	<p>The admission procedure is conducted through the:</p> <ul style="list-style-type: none"> <li>a) <b>evaluation of qualifications</b></li> <li>b) <b>evaluation, together with the qualifications, of a research project due to the pilot issue "KNOWLEDGE, ARTS AND TECHNOLOGIES FOR THE PROTECTION AND DEVELOPMENT OF ASSETS AND IDENTITARY LANDSCAPES IN THE GLOBALIZED WORLD"</b></li> <li>c) <b>video conference interview</b> using google meet</li> </ul>		

<b>Evaluation criteria</b>	<p><b>a) evaluation of qualifications:</b> up to a maximum of <b>60 points</b> They will be allowed to interview candidates who have achieved a rating of not less than <b>36 points</b></p> <p><b>b) interview:</b> up to a maximum of <b>40 points</b> The interview will be considered passed if the candidates will be given an overall rating of not less than <b>24 points</b></p> <p><b>Minimum total score: 60 out of 100.</b></p>	
<b>Assessable qualifications</b>	<p><b>Graduation Thesis</b> (the candidate must also submit a summary in Italian or English of the thesis of max 16.000 characters)</p>	Up to <b>5</b> points
	<p><b>Degree mark</b></p>	Up to <b>10</b> points
	<p><b>Research project</b> (It must be written in English and Italian, or in Spanish and 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)</p>	Up to <b>30</b> points
	<p><b>Scientific publications</b> (Articles in national and international scientific journals , proceedings of scientific conferences, books or book chapters)</p>	Up to <b>5</b> points
	<p><b>Other titles</b> (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...)</p>	Up to <b>10</b> points
<b>Interview program</b>	<p>It can be taken in Italian or English or Spanish, and will focus on the discussion of the research project presented. During the interview the knowledge of the Italian language will be assessed.</p>	
<b>Foreign language</b>	<p><b>English</b> (knowledge of a foreign language will be assessed during the interview)</p>	
<b>Schedule of the admission tests</b>	<p><b>Evaluation of qualifications: results will be available from <u>September 21, 2021</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 24, 2021 - 10:00 a.m.</u></b></p>	

<b>ANNEX 1/b</b>	
<b>PhD program in: ENGINEERING FOR INNOVATION AND SUSTAINABLE DEVELOPMENT</b>	
<b>XXXVII CYCLE – a.y. 2021-2022</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>2. Analysis and prevention of natural risks</b></li> <li><b>3. Industrial Engineering and Information Technologies</b></li> </ol>
<b>Aims and topics</b>	<p>The development, implementation and adoption of models of sustainable development requires the convergence of innovative methodologies and technologies covered by different disciplines.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p><b>Topics of the curriculum "Methods and Technologies for Environmental Monitoring and Protection":</b></p> <ul style="list-style-type: none"> <li>• Sensors and sensing technologies of environmental parameters</li> <li>• Integration and analysis of environmental data</li> <li>• Modelling monitoring, protection and preservation of the environment</li> <li>• Development of strategies and actions for prevention and resolution of environmental problems</li> <li>• Energy saving and distributed micro-generation</li> <li>• Data processing and applications with particular reference to COPERNICUS for environmental monitoring</li> </ul> <p><b>Topics of the curriculum "Analysis and prevention of natural risks":</b></p> <ul style="list-style-type: none"> <li>• Numerical and experimental approaches for the assessment of seismic vulnerability of structures</li> <li>• Methods and techniques for the mitigation and management of seismic risk</li> <li>• Theoretical and experimental analyses of geotechnical problems</li> <li>• Slope stability and landslide risk reduction</li> <li>• Non-linear analysis of structures</li> <li>• Data processing and applications with particular reference to COPERNICUS for environmental monitoring</li> </ul>

	<b>Topics of the curriculum "Industrial Engineering and Information Technologies":</b> <ul style="list-style-type: none"> <li>• Mechanical engineering design and applied mechanics</li> <li>• Mechanical technologies and industrial plants</li> <li>• Energy conversion systems, Engineering Thermodynamics and fluid flow machinery</li> <li>• Electromagnetism</li> <li>• Devices and systems for telecommunications</li> <li>• Automation and Mechatronics</li> <li>• Applied Physics</li> </ul>		
<b>Admission requirements</b>	a) University degree obtained under the previous educational systems (ex ante D.M. 509/99, whose legal course has at least a four-year term); b) Laurea specialistica/magistrale (D.M. 509/99 and Dm 270/2004); c) Academic title obtained abroad and eligible for access to the PhD program, previously recognized by academic authorities, even in the context of inter-university cooperation and mobility agreements. In the absence of such approval, the candidate must apply a request in the application form according to the Art. 3 of this call.		
<b>Available positions</b>	<b>11</b>	<b>With scholarship</b>	<b>Without scholarship</b>
	including 3 reserved positions	<b>6</b>	<b>2</b>
<b>Type of scholarships</b> (Description awarding entity and research topic)	Scholarships funded by <b>MUR</b>	<b>1 scholarship</b> to the Curriculum <b>Methods and Technologies for Environmental Monitoring and Protection</b>  <b>1 scholarship</b> to the Curriculum <b>Analysis and prevention of natural risks</b>	
	Scholarships funded by <b>Regione Basilicata</b>	<b>1 scholarship</b> to the Curriculum <b>Methods and Technologies for Environmental Monitoring and Protection</b> about the pre-assigned topic "Activities in support of the satellite missions ATLAS (European Space Agency) and CALIGOLA (Italian Space Agency)"  <b>1 scholarship</b> to the Curriculum <b>Methods and Technologies for Environmental Monitoring and Protection</b> about the pre-assigned topic "The sustainability business model: operational profiles and reporting"  <b>1 scholarship</b> to the Curriculum <b>Industrial Engineering and Information Technologies</b> about the pre-assigned topic "Enhancing Product and Process performances through accelerated reliability assessment"  A period in the company is mandatory for this kind of scholarships.	
	Scholarships funded by <b>IRCCS-CROB</b>	<b>1 scholarship</b> to the Curriculum <b>Industrial Engineering and Information Technologies</b> about the pre-assigned topic "Design, acquisition and implementation of ICT technologies for healthcare"  The PhD student will carry out the research activity at the IRCCS-CROB	

Positions reserved for graduates in foreign universities		With scholarship	Without scholarship
		0	0
Positions reserved for partners	Azienda Sanitaria Locale di Potenza	<b>1 position</b> to the Curriculum <b>Methods and Technologies for Environmental Monitoring and Protection</b> about the pre-assigned topic "Engineering and Biological Environmental Quality and Control"	
	Azienda Ospedaliera Regionale "San Carlo" di Potenza	<b>1 position</b> to the Curriculum <b>Methods and Technologies for Environmental Monitoring and Protection</b> about the pre-assigned topic "Sanitary Engineering"	
	Regione Basilicata	<b>1 position</b> to the Curriculum <b>Methods and Technologies for Environmental Monitoring and Protection</b> about the pre-assigned topic:  a) Design and implementation of models for Environmental Planning; Environmental Monitoring and Control; data analysis. b) monitoring and protection of the environment, methods of analysis, prevention and reduction of natural risks, management of raw materials, energy systems and industrial production, methods and systems for the treatment and transmission of information	
Positions without scholarship		<b>1 position</b> to the Curriculum <b>Methods and Technologies for Environmental Monitoring and Protection</b>  <b>1 position</b> to the Curriculum <b>Analysis and prevention of natural risks</b>	
Admission procedure	The admission procedure is conducted through the: a) <b>evaluation of qualifications</b> b) <b>evaluation, together with the qualifications, of a research project due to the pilot issue of the chosen curriculum</b> c) <b>video conference interview</b> using google meet		
Evaluation criteria	a) <b>evaluation of qualifications:</b> up to a maximum of <b>40 points</b> They will be allowed to interview candidates who have achieved a rating of not less than <b>24 points</b> b) <b>interview:</b> up to a maximum of <b>60 points</b> The interview will be considered passed if the candidates will be given an overall rating of not less than <b>36 points</b>  <b>Minimum total score: 60 out of 100.</b>		
Assessable qualifications	<b>Graduation Thesis</b> (the candidate must also submit a summary in Italian or English of the thesis of max 16.000 characters)		Up to <b>5 points</b>

	<b>Degree mark</b>	Up to <b>20</b> points
	<b>Research project</b> (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 <b>5</b> points
	<b>Scientific publications</b> (Articles in national and international scientific journals , proceedings of scientific conferences, books or book chapters)	Up to <b>5</b> points
	<b>Other titles</b> (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...)	Up to <b>5</b> points
<b>Interview program</b>	It can be taken in Italian or English, and will focus, for each curriculum, on relative issues. During the interview the knowledge of the Italian language will be assessed.	
<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>	<b>Evaluation of qualifications: results will be available from <u>September 21, 2021</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>  <b>Day of the video conference interview: <u>September 27, 2021 - 10:00 a.m.</u></b>	

<b>ANNEX 1/c</b>			
<b>International PhD program in: SCIENCES</b>			
<b>XXXVII CYCLE – a.y. 2021-2022</b>			
<b>Department</b>	<b>Department of Sciences - Potenza</b>		
<b>Coordinator</b>	Prof. Roberto Teghil e-mail: <a href="mailto:roberto.teghil@unibas.it">roberto.teghil@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. Chemical Sciences</b></li> <li><b>3. Geo-Sciences</b></li> </ol>		
<b>Aims and topics</b>	<p>The international PhD program in Sciences connects the teaching and research activities already present in the Department of Sciences. From this point of view, the PhD program is part of the interdisciplinary field at the crossroads of several disciplines such as chemical, biological, geological and natural sciences, which have a common language and scientific method. It aims to give to the students the skills needed for carrying out research activities in universities, public and non public research centers and industry, in the frame of the European Higher Education area. In general, the students will be skilled in both resolution and managing of scientific problems and programs (research projects, patenting). In particular, the PhD program aims to provide students with new tools for theoretical and applied research in chemical, geological and biological sciences, as well as for the research in the areas of monitoring, conservation and protection of environment, control and use of natural resources and geo-resources, study of the geo-systems.</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>9</b>	<b>With scholarship</b>	<b>Without scholarship</b>
		<b>8</b>	<b>1</b>
<b>Type of scholarships</b> (Description awarding entity and research topic)	<b>Scholarships founded by MUR</b>	<p><b>1 scholarship</b> to the Curriculum <b>Geo-Sciences</b> in the mandatory topic "Modeling of water-gas-rock interaction processes in aquifers of seismic areas in the Central-Southern Apennines: new perspectives for the geochemical monitoring"</p> <p><b>1 scholarship</b> to the Curriculum <b>Applied Biology</b> in the mandatory topic "Identification and characterization of insect peptides with antimicrobial activity"</p> <p>A period abroad from a minimum of 6 months to a maximum of 18 months is mandatory for this kind of scholarships.</p>	



	<b>Scholarships founded by Department of Sciences</b>	<b>1 scholarship</b> to the Curriculum <b>Applied Biology</b> A period abroad from a minimum of 6 months to a maximum of 18 months is mandatory for this kind of scholarship.	
	<b>Scholarships founded by Regione Basilicata</b>	<b>1 scholarship</b> to the Curriculum <b>Chemical Sciences</b> in the mandatory topic "Composite materials with antibacterial activity obtained by ecofriendly processes"  <b>1 scholarship</b> to the Curriculum <b>Chemical Sciences</b> in the mandatory topic "Phaseolus vulgaris L. ecotypes (Fagioli di Sarconi beans) as adjuvant to L-dopa treatment for the management of the "on-off" fluctuations in patients with Parkinson's disease"  All an abroad stage (6 months) and a stage at a national company (6 months) are mandatory.	
	<b>Scholarships founded by DNO Norge AS (Stavanger – Norway)</b>	<b>1 scholarship</b> to the Curriculum <b>Geo-Sciences</b> in the mandatory topic "Review of the depositional settings of the Middle Jurassic Garn Formation based on seismic, well and outcrop-analogue data (Halten Terrace, Norwegian Continental Shelf)"  A period abroad from a minimum of 6 months to a maximum of 18 months is mandatory for this kind of scholarship.	
	<b>Scholarships founded by IRCCS-CROB</b>	<b>1 scholarship</b> to the Curriculum <b>Applied Biology</b> in the mandatory topic "Identification and characterization of insect peptides with anticancer activity"  The PhD student will carry out the research activity at the IRCCS  A period abroad from a minimum of 6 months to a maximum of 18 months is mandatory for this kind of scholarship.	
	<b>Scholarships founded by Poli-San srl</b>	<b>1 scholarship</b> to the Curriculum <b>Applied Biology</b> in the mandatory topic "Molecular mechanisms of cellular response to stress damage in aging-related diseases"  A period abroad from a minimum of 6 months to a maximum of 18 months is mandatory for this kind of scholarship.	
<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 position</b> to the Curriculum <b>Applied Biology</b> or <b>Chemical Sciences</b> or <b>Geo-Sciences</b> with a free theme.	
<b>Admission procedure</b>	The admission procedure is conducted through the: <b>a) evaluation of qualifications</b> <b>b) evaluation, together with the qualifications, of a research project due to the pilot issue of the chosen curriculum</b> <b>c) video conference interview</b> using google meet		

<b>Evaluation criteria</b>	<p><b>a) evaluation of qualifications:</b> up to a maximum of <b>50 points</b> They will be allowed to interview candidates who have achieved a rating of not less than <b>30 points</b></p> <p><b>b) interview:</b> up to a maximum of <b>50 points</b> The interview will be considered passed if the candidates will be given an overall rating of no less than <b>30 points</b></p> <p><b>Minimum total score: 60 out of 100.</b></p>	
<b>Assessable qualifications</b>	<p><b>Graduation Thesis</b> (The candidate must also submit a summary in Italian or English of the thesis of max 16.000 characters)</p>	Up to <b>5</b> points
	<p><b>Degree mark</b></p>	Up to <b>10</b> points
	<p><b>Research project (if due)</b> (It must be written in English using the template in Annex C, and should be related to a theme issued in the chosen Curriculum; the project will be assessed in relation to: degree of innovation compared to the state of art; clarity of scientific interests and motivations; degree of knowledge of the research theme; degree of sustainability of the proposal, considering the duration of doctoral studies. Maximum length: 16.000 characters)</p>	Up to <b>20</b> points
	<p><b>Scientific publications</b> (Articles in national and international scientific journals , proceedings of scientific conferences, books or book chapters)</p>	Up to <b>5</b> points
	<p><b>Other titles</b> (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad)</p>	Up to <b>10</b> points
<b>Interview program</b>	<p>Will be held in English and evaluated 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. During the interview the knowledge of the Italian language will be assessed.</p>	
<b>Foreign language</b>	<p><b>English</b> (knowledge of a foreign language will be assessed during the interview)</p>	
<b>Schedule of the admission tests</b>	<p><b>Evaluation of qualifications: results will be available from <u>September 21, 2021</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 27, 2021 - 10:00 a.m.</u></b></p>	

<b>ANNEX 1/d</b>			
<b>International PhD program in: AGRICULTURAL, FOREST AND FOOD SCIENCES</b>			
<b>XXXVII CYCLE – a.y. 2021-2022</b>			
<b>Department</b>	<b>School of Agriculture, Forest, Food and Environmental Sciences (SAFE) - Potenza</b>		
<b>Coordinator</b>	Prof. Fabio NAPOLITANO e-mail: <a href="mailto:safe.didattica@unibas.it">safe.didattica@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>	<b>1. Agricultural, Forest and Environmental Science</b> <b>2. Food Sciences and Engineering</b>		
<b>Aims and topics</b>	<p>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.</p> <p>In particular, the preparation will be addressed to the following learning objectives:</p> <ol style="list-style-type: none"> <li>acquisition of innovative knowledge in the field of plant science, animal, environmental, land, forest and food technology;</li> <li>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;</li> <li>ability to manage resources and staff in research both basic and applied, in universities, research institutions, government agencies, enterprises and national and international agencies;</li> <li>ability to promote, in academic and professional contexts, technological advancement, social or cultural area based on scientific knowledge.</li> </ol>		
<b>Admission requirements</b>	<ol style="list-style-type: none"> <li>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>Laurea specialistica/magistrale (D.M. 509/99 and Dm 270/2004);</li> <li>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>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)	Scholarships funded by <b>MUR</b>	<b>1 scholarship</b> to the Curriculum <b>Agricultural, Forest and Environmental Science</b> in the mandatory topic "Pattern change in the composition of the landscape in rural areas: impacts on services and functions of natural and semi-natural ecosystems. Socio-economic implications and governance best practices".	
<b>1 scholarship</b> to the Curriculum <b>Agricultural, Forest and Environmental Science</b> in the mandatory topic "Chemical fractionation and molecular characterization of soil humified fractions and their bioactivity".			

	Scholarships funded by <b>Regione Basilicata</b>	<p><b>1 scholarship</b> to the Curriculum <b>Food Sciences and Engineering</b> in the mandatory topic "Use of chitin and its derivatives from sustainable sources as alternative to chemical additives for foods".</p> <p><b>1 scholarship</b> to the Curriculum <b>Agricultural, Forest and Environmental Science</b> in the mandatory topic "Integration of aerial and terrestrial laser scanning technology for the analysis of Mediterranean forest ecosystems and the effects of natural and anthropogenic disturbances".</p> <p>A period in the company is mandatory for this kind of scholarships.</p>	
<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>		<p><b>1 position</b> to the Curriculum <b>Food Sciences and Engineering</b> in the mandatory topic "The new frontiers of sustainability and European industrial competitiveness created by innovative technologies for agriculture and the food sector".</p>	
<b>Admission procedure</b>	<p>The admission procedure is conducted through the:</p> <p><b>a) evaluation of qualifications</b>  <b>b) 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>30 points</b>  They will be allowed to the interview candidates who have achieved a rating of not less than <b>10 points</b></p> <p><b>b) interview:</b> up to a maximum of <b>70 points</b>  The interview will be considered passed if the candidates will be given an overall rating of not less than <b>50 points</b></p> <p><b>Minimum total score: 60 out of 100.</b></p>		
<b>Assessable qualifications</b>	<b>Degree mark</b>	Up to <b>10</b> points	
	<b>Scientific publications</b> (Articles in national and international scientific journals, proceedings of scientific conferences, books or book chapters)	Up to <b>10</b> points	
	<b>Research periods at universities and institutions</b>	Up to <b>5</b> points	
	<b>Other titles</b> (University degrees or Master Specialization)	Up to <b>5</b> points	
<b>Interview program</b>	<p>The candidate's ability will be evaluated on one of the scientific issues reported in this sheet, at the candidate's choice. In addition, his design skills and motivation will be evaluated. For candidates who request it, the oral exam can be held in English.</p> <p>During the interview the knowledge of the Italian language will be assessed.</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>	<b>Evaluation of qualifications: results will be available from <u>September 21, 2021</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>  <b>Day of the video conference interview: <u>September 24, 2021 - 9:30 a.m.</u></b>
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<b>ANNEX 1/e</b>			
<b>International PhD program in: HISTORY, CULTURE AND KNOWLEDGES OF MEDITERRANEAN EUROPE FROM ANTIQUITY TO CONTEMPORARY AGE</b>			
<b>XXXVII CYCLE – a.y. 2021-2022</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://DottoratoDiSU.unibas.it">Dottorato DiSU (unibas.it)</a>		
<b>Curricula</b>	<b>1. Mediterranean civilizations, institutions and territory</b> <b>2. Literatures, languages, cultures and knowledge in Mediterranean Europe</b>		
<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>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)	Scholarships funded by <b>MUR</b>	<b>4</b>	

Positions reserved for graduates in foreign universities		With scholarship	Without scholarship
		0	0
Positions without scholarship		<b>1 position</b>	
Admission procedure	The admission procedure is conducted through the:		
	<ul style="list-style-type: none"> <li>a) <b>evaluation of qualifications</b></li> <li>b) <b>evaluation, together with the qualifications, of a research project due to the pilot issue of the chosen curriculum</b></li> <li>c) <b>video conference interview</b> using google meet</li> </ul>		
Evaluation criteria	<ul style="list-style-type: none"> <li>a) <b>evaluation of qualifications:</b> up to a maximum of <b>60 points</b> They will be allowed to written test candidates who have achieved a rating of not less than <b>36 poin</b></li> <li>b) <b>interview:</b> up to a maximum of <b>40 points</b> The interview will be considered passed if the candidates will be given an overall rating of not less than <b>24 points</b></li> </ul> <p style="text-align: center;"><b>Minimum total score: 60 out of 100.</b></p>		
Assessable qualifications	<b>Graduation Thesis</b> (the candidate must also submit a summary in Italian or English of the thesis of max 16,000 characters)	Up to <b>1</b> points	
	<b>Degree mark</b>	Up to <b>13</b> points	
	<b>Research project (if due)</b> (It must be written in Italian or English or French or English or German or Spanish using the template in Annex C, and should be related to a theme issued in the chosen Curriculum; the project will be assessed in relation to: degree of innovation compared to the state of art; clarity of scientific interests and motivations; degree of knowledge of the research theme; degree of sustainability of the proposal, considering the duration of doctoral studies. Maximum length: 16.000 characters)	Up to <b>36</b> points	
	<b>Scientific publications</b> (Articles in national and international scientific journals , proceedings of scientific conferences, books or book chapters)	Up to <b>3</b> points	
	<b>Reference letters</b>	Up to <b>4</b> points	
	<b>Other titles</b> (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...)	Up to <b>3</b> points	
Interview program	<p>The interview will focus on the topics of the PhD program.</p> <p>During the interview the knowledge of the Italian language will be assessed.</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>	<b>Evaluation of qualifications: results will be available from <u>September 21, 2021</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>  <b>Day of the video conference interview: <u>September 24, 2021 - 9:00</u></b>