

ANNEX 1/a				
PhD program: CITIES AND LANDSCAPES: ARCHITECTURE, ARCHAEOLOGY, CULTURAL HERITAGE, HISTORY AND RESOURCES				
XXXVIII CYCLE – a.y. 2022-2023				
Department	Department of European and Mediterranean Cultures: Architecture, Environment, Cultural Heritages (DICEM) - Matera			
Coordinator	Prof.ssa Antonella Grazia Maria Immacolata Romana GUIDA e-mail: antonella.guida@unibas.it			
Duration	3 years			
Web site	http://dicem.unibas.it/site/home/ricerca/dottorati-di-ricerca.html			
Curricula	Not provided			
Aims and topics	<p>The primary objective is the acquisition of an appropriate knowledge and of the effective theoretical and methodological tools that allow to operate with specific skills and disciplinary specializations and with a real multi - and interdisciplinary capability, in an aware dialogue between humanistic and technical-scientific knowledge for the study, the analysis and the interpretation of the phenomenon of cities and landscapes, with the use of innovative technologies and the design of interventions aimed at their sustainable development:</p> <ul style="list-style-type: none"> • Analysis, interpretation, diagnostics, protection, recovery, enhancement and enjoyment of the architectural, environmental, heritage, historical, cultural, artistic and archaeological assets and of the tangible and intangible heritages and related administrative functions. • Stratigraphic analysis of urban and rural contexts according to the methods of the total history and the global archeology of the landscapes . • Study of natural, energy, water resources and effects of climate change, environmental quality and adaptation strategies for natural, rural and urban systems. • Analysis of the evolutionary processes and the organizational models of the environment to small and large spatial and temporal scale, and projects for urban and landscape regeneration. • Process analysis of land instability, natural hazards, environmental and soil protection, and planning of urban, rural and coastal landscapes. • Analysis of rural and urban greening space, conservation of plant species in the natural environment and in the city. • Use of innovative technologies. 			
Admission requirements	<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>			
Available positions	11	With scholarship	Without scholarship	Supernumeraries Art. 23 Regulations of University of Basilicata
		7	2	2

<p>Type of scholarships (Description awarding entity and research topic)</p>	<p>D.M. 351/2022 M4C1-INV.4.1</p>	<p><u>1 Scholarship "PNRR-Research"</u></p> <p>on one of the following topics:</p> <ol style="list-style-type: none"> 1) Hydromorphic sustainability of urbanized systems, new approaches for the equilibrium analysis of the urban and territorial transformations. 2) The architecture of military airports between the two Wars. Knowledge, recovery and valorization. <p><u>1 Scholarship "Public administration"</u></p> <p>on one of the following topics:</p> <ol style="list-style-type: none"> 1) Social housing for the sustainable city. Digitalisation models for the management of the real estate of the ATER of Potenza and for its redevelopment. 2) Legal configuration and implementation of participatory instruments such as green communities and energy communities as part of a strategy for the development of unitary models and harmonisation with the objectives of current national and European policies on ecological and energy transition. <p><u>1 Scholarship "Cultural heritage"</u></p> <p>on one of the following topics:</p> <ol style="list-style-type: none"> 1) Historical memories and intangible heritage: the places of memory of the twentieth century 2) Integrated approaches to the knowledge, musealization and enhancement of the pre-Hispanic archaeological heritage: towards a territorial museum of ancient cultures of the South Coast of Peru <p>A period in the company or research center or public administration and abroad is mandatory.</p>
	<p>D.M. 352/2022</p>	<p><u>1 scholarship in collaboration with the company "AGRIBIOSANA SRL [San Giorgio di Pietragalla (PZ)]"</u></p> <p>Topic: "Use of polymers having soil amendmet action able to improve yields and reduce the environmental impact of the herbaceous crops"</p> <p><u>1 scholarship in collaboration with the company "LEONARDO SOLUTIONS [Legnano (MI)]"</u></p> <p>Topic: "Innovative tools and methods for preventive maintenance and evaluation of the effectiveness and durability of conservation interventions of the built heritage through experimentation on case studies with the application of CNT® (Charge Neutralization Technology) for the restoration of walls from rising capillary"</p> <p>A period in the company and abroad is mandatory.</p>

	Ateneo	1 scholarship on a topic chosen from those already indicated for the DD.MM. 351/2022 e 352/2022. A period in the company or research center or public administration and abroad is mandatory.	
	CREA S.p.A.	1 scholarship Topic: "Safeguard of agrobiodiversity and evaluation of olive plant's response to biotic and abiotic stresses following the ongoing climate change" A period in the CREA S.p.A. and abroad is mandatory.	
Supernumeraries positions Art. 23 Regulations of University of Basilicata	2 positions	Candidates will have to present a research project related to the pilot theme "Knowledge, arts and innovative technologies for the preservation and enhancement of heritage and identity landscapes in the globalized world" A period abroad is mandatory.	
Positions reserved for graduates in foreign universities		With scholarship	Without scholarship
		0	0
Positions without scholarship	2		
Admission procedure	The admission procedure is conducted through the: a) evaluation of qualifications b) evaluation, as part of the interview, of a research project , drawn up in Italian and English using the format set out in Annex C to the call for proposals, concerning the subject/type of grant for which you are competing (Ministerial Decree 351/2022, Ministerial Decree 352/2022, another specific topic and, for only supernumerary posts, pilot theme of the doctorate) c) interview		
Evaluation criteria	a) evaluation of qualifications: up to a maximum of 25 points minimum score to access the interview 15 points b) interview: up to a maximum of 75 points the interview is passed for a score not less than 45 points Minimum total score: 60 out of 100.		
Assessable qualifications	Graduation Thesis (The graduate candidate must attach the entire thesis; the candidate graduating a summary of the thesis project, in Italian or English, of max 16.000 characters)	Up to 5 points	
	Degree mark (For candidates who have not yet obtained the degree, the weighted average of the marks obtained in all the exams of the degree program, taken on the date of submission of the application for admission, will be evaluated)	Up to 10 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
Interview program	<p>The interview, which can be held in Italian, Spanish or English, will focus on the discussion of the submitted research project and is aimed at ascertaining the candidate's scientific interests and aptitude for research.</p> <p>During the interview, the knowledge of the Italian language will be ascertained for foreign candidates.</p>	
Foreign language	English (knowledge of a foreign language will be assessed during the interview)	
Schedule of the admission tests	<p>Evaluation of qualifications: results will be available from <u>September 7, 2022</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</p> <p>Day of the interview: <u>September 12, 2022 - 9:30 a.m.</u> Aula Magna - Campus di via Lanera, 20 – Matera</p>	