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| ANNEX 1/a | | |
| PhD program: CITIES AND LANDSCAPES: ARCHITECTURE, ARCHAEOLOGY, CULTURAL HERITAGE, HISTORY AND RESOURCES | | |
| XL CYCLE – a.y. 2024-2025 | | |
| 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 | 5 | With scholarship |
| | | Without scholarship |
| | | 4 |
| | | 1 |

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

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| Assessable qualifications | Graduation Thesis (The graduate candidate must attach a summary of the thesis, in Italian or English, of max 16.000 characters) | Up to 6 points |
| | Degree mark (For candidates who have not yet obtained the degree, the weighted average of the marks obtained in all the exams of the degree program, taken on the date of submission of the application for admission, will be evaluated) | Up to 15 points |
| | Scientific publications (Articles in national and international scientific journals, proceedings of scientific conferences, books or book chapters) | Up to 2 points |
| | Other titles (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...) | Up to 2 points |
| Interview program | <p>The interview, which can be held in Italian, 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>August 8, 2024</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</p> <p>Day of the interview: <u>September 3, 2024 - 10:00 a.m.</u> Aula B 003 - Campus di via Lanera, 20 – Matera</p> | |

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| ANNEX 1/b | |
| PhD program: ENGINEERING FOR INNOVATION AND SUSTAINABLE DEVELOPMENT | |
| XL CYCLE – a.y. 2024-2025 | |
| 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 | <ol style="list-style-type: none"> 1. Methods and Technologies for Environmental Monitoring and Protection 1. Analysis and prevention of natural risks (seismic and landslide risks) 2. Industrial Engineering and Information Technologies |
| Aims and topics | <p>The IISS PhD program aims to provide the doctoral students with strong scientific basis, and to help them in developing the ability to carry out pure and applied research, as well as to contribute to the elaboration and implementation of innovative, efficient, eco-compatible and socially sustainable development models. The students will acquire special skills in one of the following areas: methods and strategies for monitoring, protection and sustainability of the environment; methods of analysis of natural hazard (in particular seismic and landslide) and risk mitigation; management of raw materials, energy systems and industrial production; territorial planning, methods and systems for the processing and transmission of information. Furthermore, they are expected to acquire transversal skills in the field of sensors, modelling and analysis of complex interacting systems and of technologies of general interest. The doctoral students are also formed to be able to operate in high education sectors, as well as to carry out highly qualified activities related to research, development and management in private companies and public institutions and entities. The three curricula include activities consistent with the objectives of the National Recovery and Resilience Plan (PNRR).</p> <p>Curriculum "Methods and Technologies for Environmental Monitoring and Protection": Topics: Sensors and sensing technologies of environmental parameters; Integration and analysis of environmental data; Modelling monitoring, protection and preservation of the environment; Development of strategies and actions for prevention and resolution of environmental problems; Energy saving and distributed micro-generation; Data processing and applications with particular reference to COPERNICUS for environmental monitoring The curriculum aims to train researchers with a high scientific qualification level able to understand, apply and develop innovation in the fields of: (a) investigation methodologies, (b) analysis and modelling of environmental problems, (c) mathematical models for the scenarios development in the territorial planning as well as in the risk analysis and prevention areas, (d) sensors and also (e) the adoption and development of interventions strategies aimed at their prevention, mitigation and resolution. Moreover, attention is paid to the economic aspects of sustainable development issues, mainly concerning both social and environmental reporting themes, also in the form of integrated reports as well as the management and policy of the agri-food system. A further focus deals with the theme of the sustainable business model, from both the public and private sector perspective.</p> <p>Curriculum "Analysis and prevention of natural risks (seismic and landslide risks)": Topics: Numerical and experimental approaches for the assessment of seismic vulnerability of structures; Methods and techniques for the mitigation and management of seismic risk; Theoretical and experimental analyses of geotechnical problems; Slope stability and landslide risk reduction; Non-linear analysis of structures; Data processing and applications with particular reference to COPERNICUS for environmental monitoring. The curriculum aims to provide the doctoral students with the skills for operating in the fields of seismic and hydrogeological risks (for the latter, in particular, landslide risk), structural engineering, and geotechnical engineering. Strong physical-mathematical basis and knowledge of fundamental seismology are required. The students are supposed to</p> |

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| | <p>acquire deep knowledge of: structural engineering, seismic engineering, geotechnical and foundation engineering, slope stability, all the types of monitoring systems, evaluation and mitigation of landslide and seismic risks (from the single construction or single slope scale to large areas scale). Within these subjects, original and innovative research must be developed, possibly in the view of green and sustainable solutions.</p> <p>Curriculum "Industrial Engineering and Information Technologies": Topics: Mechanical engineering design and applied mechanics, Mechanical technologies and industrial plants, Energy conversion systems, Engineering Thermodynamics and fluid flow machinery, Electromagnetism, Devices and systems for telecommunications, Automation and Mechatronics, Applied Physics.</p> <p>The research project aims to train valuable researchers that are capable of proposing innovative approaches and strategies for the development of efficient and sustainable energy, propulsion and industrial production systems, as well as developing methodologies and technologies suitable to create and integrate highly complex interacting systems. Particular attention is paid to the generation and management of energy provided from alternative and conventional sources with innovative approaches and methodologies, to the design of propulsion systems and, more generally, to the problems of driving and operating machines. From the point of view of industrial production, the topics are focused on robotics, sensors, unconventional technologies for processing materials, on methods of experimental characterization of materials and mechanical structures, on the design and management of integrated production systems and of the related plants, on logistics, on the design of mechanical systems with innovative approaches also based on vibratory and tribological phenomena. From the point of view of information technologies, the topics are focused on the applications of electromagnetism and propagation, on autonomous systems, on electronics for biometric applications and on telecommunication systems.</p> | | |
| <p>Admission requirements</p> | <p>a) University degree obtained under the previous educational systems (ex ante D.M. 509/99, whose legal course has at least a four-year term); b) Laurea specialistica/magistrale (D.M. 509/99 and Dm 270/2004); c) Academic title obtained abroad and eligible for access to the PhD program, previously recognized by academic authorities, even in the context of inter-university cooperation and mobility agreements. In the absence of such approval, the candidate must apply a request in the application form according to the Art. 3 of this call.</p> | | |
| <p>Available positions</p> | <p>7</p> | <p>With scholarship</p> <p>6</p> | <p>Without scholarship</p> <p>1</p> |
| <p>Type of scholarships (Description awarding entity and research topic)</p> | <p>D.M. 630/2024</p> | <p><u>1 scholarship in collaboration with the company</u> "SAAR Meccanica S.r.l. – Nembro (BG)" Topic: "Cognitive Digital Twins for Predictive Control of flexible Machines and connected Services"</p> <p><u>1 scholarship in collaboration with the company</u> "CLUSTER LUCANO AEROSPAZIO – CLAS [Tito (PZ)]" Topic: "Advanced satellite techniques for monitoring natural, environmental and industrial risks"</p> <p><u>1 scholarship in collaboration with the company</u> "HYDROLAB s.r.l. – Ferrandina (MT)" Topic: "Analysis and mitigation of sanitary environmental risk in polluted sites"</p> <p><u>1 scholarship in collaboration with the company</u> "Confcooperative Basilicata – Potenza" Topic: "Environmental and social sustainability management in the co-operative firms"</p> <p>A period in the company and abroad is mandatory.</p> | |

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| | SI-UniBas/DTT S.c.a.r.l. | 1 scholarship Topic: "Development of the operative sequences of DTT remote handling control system" A period in a company and abroad is mandatory. | |
| | University of Basilicata | 1 scholarship on one of the following topics: 1) "Chemo-hydro-mechanical study of the behavior of clay landslides in the Apennine chain and dimensioning of sustainable and "green" interventions to mitigate their hazard" 2) "Forecasting and prevention of natural risks" A period abroad is mandatory. | |
| Positions reserved for graduates in foreign universities | | With scholarship | Without scholarship |
| | | 0 | 0 |
| Positions without scholarship | 1 A period abroad is mandatory. | | |
| Admission procedure | The admission procedure is conducted through the: a) evaluation of qualifications b) evaluation, as part of the interview, of a research project , drawn up in Italian or 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 630/2024, another specific topic) c) interview | | |
| Evaluation criteria | a) evaluation of qualifications: up to a maximum of 25 points minimum score to access the interview 12 points b) interview: up to a maximum of 75 points the interview is passed for a score not less than 48 points Minimum total score: 60 out of 100 | | |
| Assessable qualifications | Graduation Thesis (The candidate must attach a summary of the thesis, in Italian or English, of max 16.000 characters) | Up to 5 points | |
| | Degree mark (For candidates who have not yet obtained the degree, the weighted average of the marks obtained in all the exams of the degree program, taken on the date of submission of the application for admission, will be evaluated) | Up to 16 points | |
| | Scientific publications (Articles in national and international scientific journals, proceedings of scientific conferences, books or book chapters) | Up to 2 points | |

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| | Other titles (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...) | Up to 2 points |
| Interview program | <p>The interview, which can be held in Italian or English, will focus on the discussion of the submitted research project and is aimed at ascertaining the candidate's scientific interests and aptitude for research.</p> <p>During the interview, the knowledge of the Italian language will be ascertained for foreign candidates.</p> | |
| Foreign language | English (knowledge of a foreign language will be assessed during the interview) | |
| Schedule of the admission tests | <p>Evaluation of qualifications: results will be available from <u>August 8, 2024</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</p> <p>Day of the interview: <u>September 2, 2024 - 10:30 a.m.</u></p> <p>Room Amatucci, V piano – School of Engineering – Macchia Romana Campus, 85100 Potenza</p> | |

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| ANNEX 1/c | | | |
| PhD program: SCIENCE | | | |
| XL CYCLE – a.y. 2024-2025 | | | |
| Department | Department of Sciences - Potenza | | |
| Coordinator | Prof.ssa Patrizia FALABELLA e-mail: patrizia.falabella@unibas.it | | |
| Duration | 3 years | | |
| Web site | http://scienze.unibas.it/site/home/didattica/offerta-post-laurea.html | | |
| Curricula | <ol style="list-style-type: none"> 1. Applied Biology 2. Geo-Sciences 3. Chemical Sciences | | |
| Aims and topics | <p>The Ph.D. "Science" brings together the educational and research experiences already gained, in the field of tertiary education, within the Department of Science. The course fits into the interdisciplinary field of chemical, geological, biological, pharmaceutical and natural sciences and is intended to provide students with tools for applied research in animal, plant, microbial and environmental biology, also through a One Health approach. The Ph.D. in "Science," incorporating the principles of the Program for a "Zero Waste Europe," aims to provide Ph.D. students with the basic concepts for the proper use of natural resources, green chemistry and the circular economy, i.e., an industrial economy in which any innovation in the production cycle must aspire to zero residue, aiming to reuse any material already used in the process, the development of new green technologies and processes and the design of new eco-friendly products. The course aims to provide the skills needed to carry out, at universities, research centers, public institutions or private entities, highly qualified research activities while contributing to the realization of the European Higher Education Area and the European Research Area and to the professional training of PhDs in line with the requirements of the recruitment policies of the National Recovery and Resilience Plan. The aim is to provide students with a solid preparation in both scientific knowledge and applied solutions (scientific method, ability to write and manage research projects, patenting skills, etc.), in order to conduct advanced research and experimentation and to know how to evaluate and exploit the results. In particular, the course aims to provide the tools to work in the fields of biology and chemistry, both basic and applied, as well as in the fields of environmental control and monitoring, control and use of resources and geo-resources, and the study of systems of geological interest.</p> | | |
| Admission requirements | <ol style="list-style-type: none"> a) University degree obtained under the previous educational systems (ex ante D.M. 509/99, whose legal course has at least a four-year term); b) Laurea specialistica/magistrale (D.M. 509/99 and Dm 270/2004); c) Academic title obtained abroad and eligible for access to the PhD programme, previously recognized by academic authorities, even in the context of inter-university cooperation and mobility agreements. In the absence of such approval, the candidate must apply a request in the application form according to the Art. 3 of this call. | | |
| Available positions | 5 | With scholarship | Without scholarship |
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| <p>Type of scholarships (Description awarding entity and research topic)</p> | <p>Scholarship D.M. 630/2024</p> | <p><u>1 scholarship in collaboration with the company</u> “TotalEnergies S.p.A. - Milano”</p> <p>on one of the following topics: 1) “Advanced biotechnologies for sustainable nutrition: insect cell lines, an innovative nutritional solution” 2) “Unconventional substrates for bioconverter insects: no-food applications of derived macromolecules”</p> <p><u>1 scholarship in collaboration with the company</u> “Bioinnova s.r.l. - Potenza”</p> <p>Topic: “Agro-industrial wastewater valorisation and bioremediation through advanced biotechnological processes”</p> <p><u>1 scholarship in collaboration with the company</u> “Wtech s.r.l. – Vaglio Basilicata (PZ)”</p> <p>Topic: “Agrivoltaics: energy efficiency, environmental sustainability and health protection”</p> <p><u>1 scholarship in collaboration with the company</u> “VeroNatura s.r.l. – Lomazzo (CO)”</p> <p>Topic: “New phytotherapeutic products and their impact in experimental models for health promoting applications”</p> <p><u>1 scholarship in collaboration with the company</u> “Sveba s.r.l. – Cassina Rizzardi (CO)”</p> <p>Topic: “Design, development and production, control of wellbeing and health products”</p> <p>A period in the company and abroad is mandatory.</p> | |
| <p>Positions reserved for graduates in foreign universities</p> | | <p>With scholarship</p> | <p>Without scholarship</p> |
| | | <p>0</p> | <p>0</p> |
| <p>Admission procedure</p> | <p>The admission procedure is conducted through the:</p> <p>a) evaluation of qualifications</p> <p>b) evaluation, as part of the interview, of a research project, drawn up in Italian or 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 630/2024)</p> <p>c) video conference interview using google meet</p> | | |
| <p>Evaluation criteria</p> | <p>a) evaluation of qualifications: up to a maximum of 25 points minimum score to access the interview 15 points</p> <p>b) interview: up to a maximum of 75 points the interview is passed for a score not less than 45 points</p> <p>Minimum total score: 60 out of 100</p> | | |

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| Assessable qualifications | Graduation Thesis (The candidate must attach a summary of the thesis, in Italian or English, of max 16.000 characters) | Up to 5 points |
| | Degree mark (For candidates who have not yet obtained the degree, the weighted average of the marks obtained in all the exams of the degree program, taken on the date of submission of the application for admission, will be evaluated) | Up to 16 points |
| | Scientific publications (Articles in national and international scientific journals, proceedings of scientific conferences, poster, books or book chapters) | Up to 2 points |
| | Other titles (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad) | Up to 2 points |
| Interview program | <p>The interview, which can be held in Italian or English, will focus on the discussion of the submitted research project and is aimed at ascertaining the candidate's scientific interests and aptitude for research.</p> <p>During the interview, the knowledge of the Italian language will be ascertained for foreign candidates.</p> | |
| Foreign language | English (knowledge of a foreign language will be assessed during the interview) | |
| Schedule of the admission tests | <p>Evaluation of qualifications: results will be available from <u>August 8, 2024</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</p> <p>Day of the video conference interview: <u>September 3, 2024 - 10:30 a.m.</u></p> | |

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| ANNEX 1/d | | | |
| PhD program: AGRICULTURAL, FOREST AND FOOD SCIENCES ASSOCIATED WITH SALERNO UNIVERSITY | | | |
| XL CYCLE – a.y. 2024-2025 | | | |
| Department | School of Agriculture, Forest, Food and Environmental Sciences (SAFE) - Potenza | | |
| Coordinator | Prof.ssa Teresa ZOTTA e-mail: dottoratosafe@unibas.it | | |
| Duration | 3 years | | |
| Web site | https://sites.google.com/unibas.it/safe-phd/ | | |
| Curricula | <ol style="list-style-type: none"> 1. Agricultural, Forest and Environmental Science 2. Food Sciences and Engineering | | |
| Aims and topics | <p>The objective of PhD course is to provide to the PhD students a solid preparation, in terms of both knowledge and skills of basic aspects (e.g. scientific method, ability in expression and presentation, ability to manage research projects and working groups, teaching skills) and applications (e.g. transfer and evaluation of scientific-technological innovations), in order to carry out research and management activities at qualitatively high levels.</p> <p>Specifically, the preparation of doctoral students will be focused to train figures able to:</p> <ol style="list-style-type: none"> a) develop and propose research projects to local, national or international institutions, as well as to private industries; b) identify the needs of research according to their scientific, social and economic impact; c) carry out research in one or more specific sectors of PhD course at high quality levels (including bibliographic research, planning and development of experimental activities, data analysis); d) communicate and disseminate the results of research to scientific and non-scientific community (oral communications, publications on high-impact journals); e) transfer knowledge through teaching activities to academic institutions, industries, non-scientific communities; f) transfer the results of research in public and private sectors (knowing the issues related to Intellectual Property Rights, designing spin-offs and start-ups). | | |
| Admission requirements | <ol style="list-style-type: none"> a) University degree obtained under the previous educational systems (ex ante D.M. 509/99, whose legal course has at least a four-year term); b) Laurea specialistica/magistrale (D.M. 509/99 and Dm 270/2004); c) Academic title obtained abroad and eligible for access to the PhD program, previously recognized by academic authorities, even in the context of inter-university cooperation and mobility agreements. In the absence of such approval, the candidate must apply a request in the application form according to the Art. 3 of this call. | | |
| Available positions | 8 | With scholarship | Without scholarship |
| | | 7 | 1 |
| Type of scholarships (Description awarding entity and research topic) | D.M. 630/2024 Basilicata University | <u>1 scholarship</u> in collaboration with "Centro di Geomorfologia Integrata per l'Area del Mediterraneo (CGIAM) – Potenza" Topic: "New advanced technologies, based on the use of remotely-sensed data to be integrated into a GIS environment, for the implementation of the Agroecology concept at farm and territorial/landscape levels. Development of automated/semi-automated processes for the inclusion of remotely-sensed data into a GIS | |

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

| Positions reserved for graduates in foreign universities | | With scholarship | Without scholarship |
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| | | 0 | 0 |
| Positions without scholarship | 1 A period abroad is mandatory. | | |
| Admission procedure | <p>The admission procedure is conducted through the:</p> <p>a) evaluation of qualifications</p> <p>b) evaluation, as part of the interview, of a research project, drawn up in Italian or 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 630/2024)</p> <p>c) video conference interview using google meet</p> | | |
| Evaluation criteria | <p>a) evaluation of qualifications: up to a maximum of 25 points minimum score to access the interview 15 points</p> <p>b) interview: up to a maximum of 75 points the interview is passed for a score not less than 45 points</p> <p>Minimum total score: 60 out/100.</p> | | |
| Assessable qualifications | Graduation Thesis (The graduate candidate must attach the entire thesis; the candidate graduating a summary of the thesis project, in Italian or English, of max 16.000 characters) | max 10 points | |
| | Degree mark (For candidates who have not yet obtained the degree, the weighted average of the marks obtained in all the exams of the degree program, taken on the date of submission of the application for admission, will be evaluated) | max 10 points | |
| | Scientific publications (Articles in national and international scientific journals, proceedings of scientific conferences, books or book chapters) | max 3 points | |
| | Other titles (University degrees or Master Specialization) | max 2 point | |
| Interview program | <p>The interview, which can be held in Italian or English, will focus on the discussion of the submitted research project and is aimed at ascertaining the candidate's scientific interests and aptitude for research.</p> <p>During the interview, the knowledge of the Italian language will be ascertained for foreign candidates.</p> | | |
| Foreign language | English (knowledge of a foreign language will be assessed during the interview) | | |
| Schedule of the admission tests | <p>Evaluation of qualifications: results will be available from <u>August 8, 2024</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</p> <p>Day of the video conference interview: <u>September 4, 2024</u></p> | | |

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

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| | University of Basilicata | <u>2 scholarships</u> On one of the following topics: 1) Study and valorisation of the Italian linguistic and literary heritage; 2) Study and valorisation of the historical, archaeological or literary heritage of Mediterranean Europe. A period abroad is mandatory. | |
| Positions reserved for graduates in foreign universities | | With scholarship | Without scholarship |
| | | 0 | 0 |
| Positions without scholarship | <u>1 position</u> A period abroad is mandatory. | | |
| Admission procedure | The admission procedure is conducted through the: a) evaluation of qualifications b) evaluation, as part of the interview, of a research project , drawn up in Italian or 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 629/2023 and other specific topic) c) video conference interview using google meet | | |
| Evaluation criteria | a) evaluation of qualifications: up to a maximum of 25 points minimum score to access the interview 15 points b) interview: up to a maximum of 75 points The interview is passed for a score not less than 45 points Minimum total score: 60 out/100. | | |
| Assessable qualifications | Graduation Thesis (The graduate candidate must attach the entire thesis; the candidate graduating a summary of the thesis project, in Italian or English, of max 16.000 characters) | max 8 points | |
| | Degree mark (For candidates who have not yet obtained the degree, the weighted average of the marks obtained in all the exams of the degree program, taken on the date of submission of the application for admission, will be evaluated). | max 8 points | |
| | Reference letters (attach two letters of presentation from university professors, at least one of which is external to the University of Basilicata) | max 2 points | |
| | Scientific publications and Other titles (University degrees or Master Specialization, Research Grants, Scholarships, Erasmus scholarships and periods of activity abroad, ...) | max 7 points | |

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| <p>Interview program</p> | <p>The interview, which can be held in Italian or English, will focus on the discussion of the submitted research project and is aimed at ascertaining the candidate's scientific interests and aptitude for research.</p> <p>During the interview, the knowledge of the Italian language will be ascertained for foreign candidates.</p> |
| <p>Foreign language</p> | <p>English or French or German or Spanish (knowledge of a foreign language will be assessed during the interview)</p> |
| <p>Schedule of the admission tests</p> | <p>Evaluation of qualifications: results will be available from <u>August 8, 2024</u> on the website http://portale.unibas.it/site/home/didattica/dottorati-di-ricerca.html</p> <p>Day of the video conference interview: <u>September 3, 2024 - 10:00</u></p> |