

ATTACHMENT A

PhD Programme in "Economics and management for innovation and sustainability"

Dipartimento di Economia e Giurisprudenza

Coordinator:	Prof. Raffaele Trequattrini Tel. 0776/2994649 e-mail: raffaele.trequattrini@unicas.it
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Available positions:	3		
Scholarships:	3	- 1	with scholarship funded by University
		- 1	with scholarship DM 630 co-funded by Finance & Value S.r.l. on the topic <i>“The implications of innovation on the cost of capital”</i>
		- 1	with scholarship DM 630 co-funded Associazione Orme Tra Idee Culture e Agricolture on the topic <i>“Integrated development strategy of agro-rural districts on the east-west route from Abruzzo to Lazio”</i>
Length of course:	3 years		

Curriculum	Research Topics
1) Economics	The curriculum focuses on theoretical and applied research on individual and collective decision-making, and especially on the functioning and performance of markets, on the performance of firms, and on public policy, as well as regulatory and institutional aspects. Research areas include, among others: Behavioral Economics; Firms and Markets; Global Value Chains; Innovation; Entrepreneurship; Human Capital and Organizational Change in Firms; Financial Markets; Big Data and Performance Evaluation; Artificial Intelligence; Economic Growth and its Social, Financial and Environmental Sustainability; Innovation and Transition in Rural Entrepreneurial Ecosystems
2) Management and finance	The curriculum focuses on corporate behavior, with special reference to the issues of innovation and the economic, financial, ethical, social and environmental sustainability of organizations. The activity is characterized by multidisciplinary through the integration of economic-business, management, financial, and organizational perspectives, including with reference to production and technological processes. This curriculum enables Phd students to acquire new skills in business management and offers a strong specialization for research-oriented professionals and/or professions requiring high scientific skills relevant to the behavior of public and private organizations.

Admission requirements:

all *lauree specialistiche/magistrali* (in the case of International Degree, an equivalent qualification)

Mandatory documentation to be attached to the application

- curriculum (to be compiled in accordance with the guidelines attached to the call for candidatures and available on the University website: Attachment "B");
- certification or self-certification of a master's/specialist degrees with the mark obtained
- research project (to be compiled in accordance with the requirements set out in the call for applications – "Attachment "C" available on the University website)

Additional eligible qualifications

- Cover Letter (no more than 1)
- Publications with ISBN or ISSN

- Any other qualifications (e.g. Level II Master's degree, Higher Education Courses with final examination, Research contracts carried out for public and private organisations and companies)

Selection Procedures:

The admission examination consists of a pre-selection and an oral test.

The pre-selection admits candidates to the oral test and the judgement is made by the selection board on the basis of the evaluation of the following elements

- curriculum vitae
- marks obtained in university studies
- any publications with ISBN or ISSN (no more than 1)
- any other qualifications (e.g. 2nd level Master's degree, advanced training courses with final examination, research contracts held for public and private bodies and companies)
- research project
- letter of recommendation from tenured university lecturers (no more than 1);

For admission to the oral test, the candidate must have passed the pre-selection test with a score of no less than 40/60. The oral test will be aimed at verifying the candidate's propensity and aptitude for scientific research in the chosen field, as well as his knowledge of the English language. The oral test may be conducted electronically, at the candidate's request, in the presence of adequate justification, including the candidate's residence in a foreign country. The chosen mode must be indicated in the application to take part in the competition. Candidates must indicate in their application an e-mail address to which they will be sent notification of the outcome of the assessment of their qualifications and, for those who have opted for the oral test by telematic means, information on how the test will be conducted. It is also possible to take the test in English, provided that this is explicitly requested when submitting the application form

Evaluation criteria:

The pre-selection test will be rated from 0 to 60 points, obtained by taking the following aspects into account:

1. Curriculum, marks obtained in university studies (0 to 20 points);
2. Publications (0 to 5 points);
3. Any other qualifications (0 to 7 points);
3. Research project (0 to 25 points);
4. Cover letter (0 to 3 points).

For admission to the oral test the candidate must have passed the pre-selection test with a score of no less than 40/60.

The oral test will be marked out of 60 points, obtained taking into consideration the following aspects: 1. the candidate's aptitude for carrying out research activities, also independently (0 to 20 points)

2. Propriety of language (0 to 20 points);
3. Ability to analyse and synthesise (0 to 20 points). Knowledge of the English language is required and will be subject to verification. The minimum mark for passing the oral test is 40/60. The merit ranking is determined by the sum of the marks obtained during the pre-selection and the oral test.

Exam topics

- Curriculum Economics

The oral test will be focused on the following topics: microeconomics, macroeconomics, international economic policy.

In the oral test, the candidate will discuss the research project.

- Curriculum Management and Finance

The oral test will be focused on the following topics: accounting and finance, management and organization, technology of the productive processes.

In the oral test, the candidate will discuss the research project and the knowledge of English language.

Location for holding tests

Dipartimento di Economia e Giurisprudenza, Campus Folcara, località Sant'Angelo, 03043 Cassino (FR)

Examination Dates

Date of publication pre-select testjudgement	September 03, 2024
Date of holding oral test	September 06, 2024 at 11:00 am
Place holding oral test	Dipartimento di Economia e Giurisprudenza, <i>Campus "Folcara"</i> , 03043 Cassino (FR) either in presence or on the Google Meet platform at the link that will be communicated with the results of the pre-selection tests.
Publication of ranking	by September 10, 2024

The results and the final ranking list will be published at the following address:

<https://www.unicas.it/ateneo/bandi-di-concorso/corsi-di-dottorato-di-ricerca-aa-20242025-xl-ciclo/>

Information about didactic activities

<https://www.unicas.it/dottorato/elenco-dottorati-di-ricerca-delluniversita-degli-studi-di-cassino-e-del-lazio-meridionale/corso-di-dottorato-in-economia-e-management-per-linnovazione-e-la-sostenibilita/>

PhD course in '*Methods, models and technologies for engineering*'

Sede:	'Maurizio Scarano' Department of Electrical and Information Engineering
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Coordinator:	Prof. Fabrizio Marignetti Tel. 0776-2993716 e-mail: marignetti@unicas.it
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Total number of positions available:	13	
Positions with scholarships	9	<ul style="list-style-type: none"> - 1 scholarship co-funded by University and San Raffaele S.p.A. on the topic "New tools, based on Machine Learning and Deep Learning techniques, able to support early diagnosis of neurodegenerative diseases". - 1 scholarship co-funded by University, Fondazione Ricerca e Innovazione Economica ETS "R.Innova ETS" and H0me srl and Progetto MOST – Centro nazionale per la Mobilità Sostenibile – CUP H38H22000300001, on the topic "Smart Data for the Interpretation of data related to climatology, meteorology and soil analysis, for environmental-agricultural-air quality monitoring, interpolated with air quality for indoor and outdoor well-being" - 1 scholarship co-funded by University, SKF Industrie S.p.A and Progetto MOST – Centro nazionale per la Mobilità Sostenibile – CUP H38H22000300001, on the topic of "Analysis and application of improvement systems in the field of mechanical design, production process control and automation, development of robotics and industrial automation with a view to positive environmental impact" - 1 scholarship co-funded by university, CMA HYDRO S.r.l. and Progetto MOST – Centro nazionale per la Mobilità Sostenibile – CUP H38H22000300001 on the topic "Stress Analysis, CFD and Physical Modelling of Innovative Valves" - 1 DM 630 scholarship co-funded by RECO2 S.r.l. on the topic "Geopolymer matrix composites containing phase change materials (PCM) for thermal insulation" - 1 DM 630 scholarship co-funded by TECHDYN Engineering S.r.l. on the topic "Mathematical modelling of water networks with a high level of leakage" - 1 DM 630 scholarship co-funded by Lauretti Automazioni Industriali S.r.l. on the topic "Models and methods for the automation of innovative plants through robotic and non-robotic systems" - 1 DM 630 scholarship co-funded by Officine Maccaferri Italia S.r.l. on the topic "New sustainable technologies for improving the performance of reinforced embankments" - 1 DM 630 scholarship co-funded by Centro Diagnostico Baronia S.r.l. on the topic "Smart Sensor and predictive diagnostics"
Positions without scholarship	1	
Positions reserved	3	Positions reserved for scholars from foreign countries or from specific international mobility programmes, including holders of research grants funded by the European Union or other European or international scientific institution
Course length:	3 anni	

Curriculum	Research topics
1) Civil and environmental engineering	The curriculum in Civil and Environmental Engineering aims to train solid and in-depth skills in civil engineering works, supplemented by knowledge of the problems affecting the protection of the environment and the territory. The curriculum enables the PhD student to enter the working world by carrying out highly professional activities in various fields and contributing to activities such as planning, design, upgrading, construction and rehabilitation, maintenance and management, assistance to technical structures, risk analysis and safety management in the prevention and emergency phases.
2) Information Engineering	The Information Engineering curriculum aims to provide highly specialised training in Information and Communication Technology, enabling PhDs to operate in various application sectors and to manage and promote scientific and technological innovation. In particular, the curriculum provides specific skills in the different fields of information engineering aimed, for example, at the development of artificial intelligence techniques, machine learning and IoT, the design and development of telecommunications networks and radar systems, the control of industrial automation systems, industrial and service robots, the analysis of electromagnetic fields for the design of antennas, electromagnetic protection and characterisation, the design of sensor networks and the development of embedded systems.
3) Electrical Engineering	The Electrical Engineering curriculum aims to acquire specific and in-depth skills in analytical and numerical modelling, experimental characterisation, supervision, control and design of power electronic systems, electrical machines and drives, electrical energy systems and devices. The skills acquired aim to achieve research objectives in smart grids, renewable energy systems and energy harvesting applications, electrical energy storage, fast charging for electric vehicles, and vehicle traction systems.
4) Mechanical and Management Engineering	The Mechanical and Management Engineering curriculum enables the PhD student to acquire technical and scientific skills in one of the following research fields for the study, modelling and experimentation of complex mechanical and thermofluid-dynamic systems and the study of economic and management systems. These fields concern robotic and mechatronic systems, mechanisms, mechanical structures and machine components, materials and mechanical technology, thermo-technical and air treatment systems, machines and energy systems, and innovative methodological tools for managing production and industrial plants.
5) Environments and technologies for motor activity and health	The curriculum in Environments and Technologies for Motor Activity and Health aims to develop high research skills in methods and devices for motor activity and health, focusing on exercise and sports activity for people with different degrees of ability and health conditions. The curriculum provides an in-depth understanding of the anatomical and biochemical knowledge underlying the functioning of the human body in movement, as well as the social context and the psychological and pedagogical aspects that can motivate attention to the body and the practice of sport and motor activity at different ages of life. Particular attention is devoted to the training and functional and nutritional assessment of the athlete, to the evaluation of the effectiveness of health promotion and motor activity interventions through the use of epidemiological and statistical techniques, to the environmental quality and safety of sports facilities, and the orthopaedics and traumatology of sport and movement.

Access qualifications:

The following master's/specialist degrees (in the case of foreign degrees, they must be equivalent to the degree classes listed)

LM-3 Landscape architecture

LM-4 Architecture and building-architecture engineering
LM-4 c.u. Architecture and building engineering-architecture (five-year)
LM-6 Biology
LM-7 Agricultural biotechnology
LM-8 Industrial biotechnology
LM-9 Medical, veterinary and pharmaceutical biotechnology
LM-10 Conservation of architectural and environmental heritage
LM-11 Conservation of cultural heritage
LM-12 Design
LM-13 Pharmacy and industrial pharmacy
LM-16 Finance
LM-17 Physics
LM-18 Computer science
LM-20 Aerospace and astronautical engineering
LM-21 Biomedical engineering
LM-22 Chemical engineering
LM-23 Civil engineering
LM-24 Building systems engineering
LM-25 Automation engineering
LM-26 Security engineering
LM-27 Telecommunications engineering
LM-28 Electrical engineering
LM-29 Electrical engineering
LM-30 Energy and nuclear engineering
LM-31 Management engineering
LM-32 Computer engineering
LM-33 Mechanical engineering
LM-34 Marine engineering
LM-35 Environmental and territorial engineering
LM-40 Mathematics
LM-41 Medicine and surgery
LM-42 Veterinary medicine
LM-43 Computer methodologies for the humanities
LM-44 Mathematical and physical modelling for engineering
LM-46 Dentistry and dental prosthetics
LM-47 Organisation and management of services for sport and motor activities
LM-48 Urban and environmental spatial planning
LM-51 Psychology
LM-53 Materials science and engineering
LM-54 Chemical sciences
LM-55 Cognitive sciences
LM-56 Economic sciences
LM-56 Economics
LM-57 Adult and continuing education sciences
LM-58 Sciences of the universe
LM-61 Human nutrition sciences
LM-63 Public administration sciences
LM-66 Computer security
LM-67 Sciences and techniques of preventive and adapted motor activities
LM-68 Sports sciences and techniques
LM-69 Agricultural sciences and technologies
LM-70 Food science and technology
LM-71 Industrial chemistry science and technology
LM-72 Navigation sciences and technologies

LM-73 Forest and environmental sciences and technologies
 LM-74 Geological sciences and technologies
 LM-75 Environmental and territorial sciences and technologies
 LM-76 Economic sciences for the environment and culture
 LM-77 Economic and business sciences
 LM-79 Geophysical sciences
 LM-80 Geographical sciences
 LM-81 Development cooperation sciences
 LM-82 Statistics
 LM-83 Actuarial and financial statistics
 LM-91 Techniques and methods for the information society
 LM-93 Theories and methodologies of e-learning and media education
 20/S (specialisation in physics)
 23/S (specialisation in computer science)
 25/S (specialisation in aerospace and astronautical engineering)
 26/S (specialisation in biomedical engineering)
 27/S (specialisation in chemical engineering)
 28/S (specialisation in civil engineering)
 29/S (specialisation in automation engineering)
 30/S (specialisation in telecommunications engineering)
 31/S (specialisation in electrical engineering)
 32/S (specialisation in electrical engineering)
 33/S (specialisation in energy and nuclear engineering)
 34/S (specialisation in management engineering)
 35/S (specialisation in computer engineering)
 36/S (specialisation in mechanical engineering) 37/S (specialisation in naval engineering)
 38/S (specialisation in environmental and territorial engineering)
 45/S (specialisation in mathematics)
 76/S (specialisation in science and techniques of preventive and adaptive motor activities)
 The following degrees are only eligible for access to curriculum 5) Environments and technologies for motor activity and health:
 LM-51-Psychology
 LM-55-Cognitive sciences
 LM-67-Sciences and techniques of motor and adapted activities
 LM-68-Sports sciences and techniques
 76/S (specialisation in motor and adaptive activity sciences and techniques)

Documents to be attached to the application under penalty of exclusion

The candidate must submit the following documents electronically

- curriculum vitae (to be drawn up according to the format attached to the competition notice and available on the University website: "All. B")
- appropriate certification or self-certification of the marks obtained in the profit examinations throughout the university course of study, including the marks obtained in the first and second degree examinations or in the old degree examination or equivalent qualifications for foreign candidates;
- research project (to be drawn up according to the outline attached to the competition notice and available on the University website: "All. D")
- cover letters (no fewer than 2 and no more than 4).

Further assessable qualifications

Further evaluable titles are:
 any publications (maximum number of five).

Selection procedure

The admission examination consists of a pre-selection and an oral test.

The pre-selection consists of the evaluation of the following elements:

- curriculum vitae;
- any publications (maximum number of five);
- any other scientific titles (titles considered helpful for the evaluation of the curriculum including, obligatorily, adequate certification of the marks obtained in the profit examinations throughout the university course of study, including the marks obtained in the first and second level degree examinations or the old degree examination or equivalent titles for foreign candidates);
- research project;
- cover letters (no fewer than two and no more than 4).

The oral test aims to ascertain the candidate's propensity to conduct research in one of the disciplinary fields of reference of the PhD course and knowledge of the English language. The oral test may be conducted electronically, at the candidate's request, in the presence of adequate justification, including the candidate's residence in a foreign country. The applicant must indicate the chosen mode in the application for the competition.

It is also possible to take the test in English, provided that you explicitly request this when submitting your application. Candidates must indicate in their application an e-mail address to which they want to be notified of the outcome of the assessment of their qualifications and, for those who have opted for the oral test by telematic means, the information on how the test will be conducted.

Scholars from foreign countries or specific international mobility programmes, including holders of research grants financed by the European Union or other European or international scientific institutions, are admitted to the doctorate after an evaluation of the qualifications submitted and an interview aimed at ascertaining the candidate's preparation, ability and aptitude for research, as well as their knowledge of Italian and/or English. The selection board will draw the appropriate minutes and a separate merit list.

Evaluation criteria:

The pre-selection test will be rated from 0 to 60 points, obtained by taking into account the following aspects:

1. Curriculum, marks obtained in university studies and any other scientific qualifications (0 to 25 points);
2. Publications, a maximum number of 5 (0 to 5 points);
3. Research project (0 to 25 points);
4. Letters of presentation (0 to 5 points).

For admission to the oral test, the candidate must have passed the pre-selection test with a score of no less than 40/60.

The oral test will be marked out of 60 points, obtained by taking into consideration the following aspects

1. The candidate's aptitude for carrying out research activities, including independently (0 to 20 points);
2. Propriety of language (0 to 20 points);
3. Ability to analyse and synthesise (0 to 20 points).

Knowledge of the English language is required and will be subject to verification. The minimum mark for passing the oral test is 40/60.

The merit ranking is determined by the sum of the marks obtained during the pre-selection and the oral test.

Subjects covered in the examination

The subjects covered by the examination are those belonging to the degrees that constitute entry qualifications.

Venue of admission tests

Engineering Education Area - Sala del Consiglio (Board Room) – Via G. Di Biasio, 43 – Cassino, 2nd floor.

Testing schedule

Publication date of pre-selection result	September 3, 2024
Oral examination date	September 4, 2024
Venue for the oral test	Engineering Education Area - Sala del Consiglio (Board Room) – Via G. Di Biasio, 43 – Cassino, 2nd floor.

Publication of ranking lists

by September 10, 2024

The results of the tests and the ranking list will be published on:

<https://www.unicas.it/ateneo/bandi-di-concorso/corsi-di-dottorato-di-ricerca-aa-20242025-xl-ciclo/>

Teaching information

<https://www.unicas.it/dottorato/elenco-dottorati-di-ricerca-delluniversita-degli-studi-di-cassino-e-del-lazio-meridionale/corso-di-dottorato-in-metodi-modelli-e-tecnologie-per-l-ingegneria/>

PhD in “Educational models and contexts: Sport, Inclusion, and Technology”

Sede:	<i>Department of Human Sciences, Society and Health</i>	
Coordinator:	<i>Prof. Cristina Cortis</i> <i>Tel. 0776/2994436</i> <i>e-mail: cristina.cortis@unicas.it</i>	
Total number of available positions:	4	
Scholarships	3	- 1 with scholarship DM 630 co-funded by Lunex S.A. on the topic “ <i>Digital Governance in Sport</i> ”
		- 1 with scholarship DM 630 co-funded by A.N.C.E.I. – Formazione e Ricerca on the topic “ <i>Inclusive processes between school and extracurricular activities</i> ”
		- 1 with scholarship co-funded by San Raffaele S.p.a on the topic “ <i>Functional evaluation as a tool to assess the effectiveness of clinical and kinesiological therapeutic treatment in neurodegenerative diseases</i> ”
Positions without scholarship	1	
Course duration:	<i>3 years</i>	

Research topics

The PhD aims to train highly qualified professionals who are able to design and apply research programs and innovative socio-educational services at public and private entities, fostering the development of knowledge and skills in the field of research in education in a transdisciplinary perspective. The Course is aimed at achieving the following objectives referable to the different declinations of which the cultural and scientific matrix of the course of study and research is composed:

To stimulate in-depth study of the conceptual nodes of the pedagogical area and socio-cultural and sport sciences engaged in the study of educational, inclusive and sustainable contexts

Stimulate the deepening of issues related to the connection between social networks, social capital and health

To stimulate the in-depth study of issues related to the connections between social inequalities and health

To build skills useful for research paths oriented towards the analysis and implementation of integrated training and prevention processes

Build skills useful for research paths oriented to the analysis and implementation of integrated education processes

Foster the acquisition of a strategic vision on the interconnections between educational processes and digital media in the European frameworks on digital citizenship skills

Provide skills in inter-generational, intra-generational and inter-cultural educational communication

Foster the acquisition of educational methodologies regarding interventions (observation, counseling, planning) in the service (group work, analysis of an educational service) and in the territory (networking, training paths)

To provide psycho-pedagogical skills in the areas of motivation; typical and atypical cognitive and communicative development; language production, comprehension and learning; categorization processes; learning processes; communication skills; social cognition and inferential processes; memory; creative processes; assessment of individual differences; emotional processes; group dynamics; intercultural psychology and anthropology and integration

To provide in-depth skills related to the evaluation of physical well-being

To develop tools for planning interventions for the promotion of behaviors oriented towards

sustainability

To provide skills in understanding the role of the body as a semantic and educational vector and in the perception and historical-cultural representation

To provide skills related to the design and implementation of complex socio-educational projects, of social intervention programs and public policies aimed at well-being at individual and group level

To provide functional skills to evaluate the impact of educational interventions in relation to inclusive processes

To develop skills to build educational profiles for integrated local development

To be able to identify the relationships between the educational system, economic structures and territorial context, in particular with respect to the new forms of local development

To identify similarities, differences and interactions in the determinants of motor development and corporeity in the lifespan

To integrate quantitative and qualitative research approaches

To provide cross-sectional skills to enhance the role of physical activity and sport in the social and labor market

To establish collaborations with public, private and international research sectors for funding opportunities and dissemination of results

To promote research collaborations in movement and sports sciences in relation to other fields

To train highly qualified technical-scientific professionals in the field of environments and technologies for inclusion, physical activity and health

To train researchers able to set up and manage technological innovation processes in the field of social inclusion, movement, sports and health

To train researchers able to set up and manage original research projects in the field of evaluation and monitoring of movement and sports, with a multidisciplinary approach, focusing on sports performance and health, including the development of systems, digital devices and technologies

To train researchers able to set up and manage research projects and training courses in an inclusive and intercultural perspective, oriented to the sustainable development of communities, institutions and territories

To develop researchers and practitioners in the field of human movement sciences and education, able to collaborate and compete at European and international level.

Requisites for admission:

All master's degrees (in the case of achievement abroad, equivalent qualification)

Documentation to be included in the application, under penalty of exclusion

The candidate is required to submit, electronically, the following documents: curriculum vitae (to be prepared according to the template attached to the call for applications and available on the University website: "All. B");

appropriate certification or self-certification regarding the grades obtained in the exams in the entire course of university studies, including the grades obtained in the bachelor's and master's degree exams or in the old-school degree exam or equivalent titles for foreign candidates;

research project (to be developed according to the template attached to the call for applications and available on the University website: "All. D");

cover letters (no less than 2 and no more than 4)

Other qualifications that can be evaluated

scientific publications (maximum five).

Selection process:

The selection process consists of two phases: a pre-selection and an interview.

The pre-selection consists of the evaluation of the following elements:

- curriculum vitae;

- publications (maximum number of five);

- any other scientific titles (the titles that are considered useful for the evaluation of the curriculum

including, mandatory, adequate certification regarding the grades obtained in the exams in the entire university course of studies, including the grades of the bachelor's and master's degree exams or the old-school degree exams or equivalent titles for foreign candidates);

- research project;

- letters of presentation (no less than 2 and no more than 4).

The interview will aim to ascertaining the candidate's predisposition to carry out research activities in one of the fields of the doctoral course and knowledge of the English language.

It is also possible to carry out the interview in English as long as this is explicitly requested when submitting the application. Candidates must compulsorily indicate in the application for admission an e-mail address to which communications will be sent regarding the outcomes of the evaluation.

Evaluation criteria:

The pre-selection will be scored from 0 to 60 points, obtained by taking into consideration the following aspects:

1. Curriculum, grades obtained in undergraduate studies and any other scientific qualifications (0 to 25 points);

2. Publications, a maximum number of 5 (0 to 5 points);

3. Research project (0 to 25 points);

4. Letters of presentation (0 to 5 points).

Admission to the interview requires the candidate to have passed the pre-selection phase with a score of no less than 40/60.

The interview will be scored from 0 to 60 points, obtained by taking into consideration the following aspects:

1. Ability of the candidate to carry out, including independently, research activities (0 to 20 points);

2. Use of proper language (0 to 20 points);

3. Ability to analyze and synthesize (0 to 20 points).

English language proficiency is required and will be subject to verification. The minimum score to pass the interview is 40/60.

The final ranking is determined by the sum of the scores obtained during the pre-selection and the interview.

Subjects covered during the interview

Movement and Sport Sciences, Education, Sociology and Anthropology of local development.

The interview aims to verify the candidate's preparation and ability for scientific research.

Location of the Interview

Online

Dates

Publication result of pre-selection	September 3, 2024
Interview	September 6, 2024 at 11:00 a.m
Location of the interview	Online
Publication of final results	by September 10, 2024

The results of the tests and the ranking list will be published on:

<https://www.unicas.it/ateneo/bandi-di-concorso/corsi-di-dottorato-di-ricerca-aa-20242025-xl-ciclo/>

Information

<https://www.unicas.it/dottorato/elenco-dottorati-di-ricerca-delluniversita-degli-studi-di-cassino-e-del-lazio-meridionale/corso-di-dottorato-in-modelli-e-contesti-educativi-sport-inclusione-e-tecnologie/>

Doctoral program in "Public administration and enterprises for innovation and territorial development"

Dipartimento di Economia e Giurisprudenza

Coordinator:	Prof. Luigi Di Santo Tel. 0776/2994730 e-mail: luigi.disanto@unicas.it
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Available positions:	3	
Scholarships:	3	- 1 with scholarship funded by University on the topic " <i>Policy lines of the PNRR</i> "
		- 1 with scholarship DM 629 Public Administration on the topic " <i>Multi-level pathways of citizenship and democratic participation for a plural and inclusive society</i> "
		- 1 with scholarship DM 630 co-funded by USR CISL Lazio on the topic " <i>The Right to Work in Its Ethical and Legal Aspects</i> "
Length of course:	3 years	

Research topics

The enhancement and competitiveness of an area depends mainly on how the Administrations, Public Entities and Businesses that are part of it are able to grasp the challenges and opportunities of innovation and the NRP, putting them into practice with a view to internal efficiency and constant and measurable improvement of services to citizens and private investors. For this reason, there is a need to develop skills and capacities, both within public administrations and the business sector, capable of innovating public-private collaboration tools and models to promote territorial development and enhance human capital, with a view to efficiency, simplification, competitiveness and social inclusion. To this end, the Ph.D. course is established in an associated form and provides for the participation of PPAA and enterprises. The associated organizational model, in fact, in addition to strengthening the capacities of public administrators, favors the promotion of specific skills for entrepreneurs and private operators, necessary to dialogue and collaborate with the administrations, also in view of the results expected by the PNRR, in terms of the social impact of the planned economic investments, which is declined, first of all, in the overcoming of existing social gaps, in the fight against poverty phenomena, in the enhancement of human capital. In this perspective, the training path is based on an innovative approach, through which doctoral students will be able to acquire transversal skills, necessary to orient, in a multilevel perspective, public and private organizations in the promotion of the person as a fundamental value of a plural and inclusive society. The added value of the doctoral path consists in training in applied research understood as the proposal of innovative solutions to complex problems: the processes of sustainable development and reduction of inequalities are characterized by their complexity, requiring adequate cognitive tools and in-depth methodological elaboration to be governed.

Doctoral training constitutes, therefore, a moment of necessary methodological and thematic deepening. Finally, the PhD program is characterized by the international approach of the training course, aimed at assigning to the system-Country Italy and the proposing University the strategic role of pivot, of guide, offering other countries and partner universities-through research work-a method in the processes of construction and active implementation of Welfare. Relative to teaching activities, in the first year, all doctoral students will have access to a cross-curricular training program, the same for all addresses and research areas involved, aimed at acquiring or refining fundamental skills: On the planning of resources, including with respect to the achievement of the objectives set by the PNRR (social inclusion, administrative efficiency, simplification, digitalization); on the identification of the new administrative skills required by the PNRR program; on the organization of PPAA; on public-private partnership models; on consensual planning models for territorial development (program agreements, implementation of energy communities, urban regeneration, smart cities, recovery of internal areas, etc.), with a cross-cutting approach, taking into account legal, sociological, economic-statistical, and engineering aspects. At the conclusion of the first year, each doctoral student must prepare a research project, identifying the direction

he or she intends to follow. The project, in addition to outlining the research path should indicate the innovative results it intends to achieve; to this end, a Tutor and a maximum number of 3 Advisors from different fields will be assigned, whose functions will be to follow and solicit the identification and declination of individual lines of research and to agree on a personalized path with reference to research activities (seminars, workshops, internships and placements in companies and/or other public and private institutions) including activities to be carried out abroad. In the second and third years, then, doctoral students will have access to specific training activities, consistent with the chosen address. In the years of specialization and for each address, under the supervision of the Academic Tutor and Advisors, in addition to the training activities specified below, in-depth workshops with professional experts, public or private, of proven qualification, national and/or international, will be scheduled at least twice a semester

Entry qualifications:

All master's/master's degrees (in the case of achievement abroad, equivalent qualification)

Documentation that must be attached to the application, under penalty of exclusion

Research project (to be drawn up according to the outline attached to the call for applications and available on the University website: "All. F")

Method of conducting the selection:

The entrance examination consists of a written test and an oral test.

It is also possible to take the tests in English by making a specific request at the time of application

Criteria for evaluation of the evidence:

The relevance of the investigation to the research profiles, of the Ph.D. in general terms, and of the individual fellowships, more specifically, will be assessed both in the development of the written test and in the oral discussion of the project. With respect to the individual fellowships, the profiles of investigation pertain to:

- University Scholarship: Programmatic Guidelines of the PNRR;
- DM 629 Scholarship: Citizenship and Democratic Participation for a Plural and Inclusive Society;
- DM 630 Scholarship: Work and Its Ethical-Legal Aspects.

The evaluation criteria will take into account:

The degree of knowledge of the topic;

-Of the clarity of exposition;

-Of the adherence to the topic;

-The critical ability to analyze and synthesize;

of the ability to analyze the topics through a critical, multidisciplinary and transversal method.

-The written test admits to the oral test and will be passed if the candidate achieves a score of at least 40/60.

The oral test will be deemed passed if the candidate achieves a score of at least 40/60. The sum of the scores obtained in the written test and the oral test (for a maximum of 120) will determine the merit ranking.

The merit ranking will be unique but will take into account the differentiation of research profiles, consistent with those identified by the Research Grants.

Subjects on which the exam is focused

The written exam focuses on topics consistent with those of the PhD program and, in particular, with the research profiles of the individual scholarships.

The oral exam involves the discussion of the research project presented by the candidate. During the oral exam, knowledge of the English language is assessed.

Venue for holding admission tests

Dipartimento di Economia e Giurisprudenza, Campus Folcara, località Sant'Angelo, 03043 Cassino (FR)

Examination Dates

Date of holding written test	September 2, 2024 at 10:00 am
Place holding written test	Dipartimento di Economia e Giurisprudenza, Campus Folcara, località Sant'Angelo, 03043 Cassino (FR)
Date publication result of written test	September 5, 2024
Date of oral test	September 6, 2024 at 10:00 am
Place of oral test	Dipartimento di Economia e Giurisprudenza, Campus Folcara, località Sant'Angelo, 03043 Cassino (FR)
Publication of rankings	by September 10, 2024

The results and the final ranking list will be published at the following address:

<https://www.unicas.it/ateneo/bandi-di-concorso/corsi-di-dottorato-di-ricerca-aa-20242025-xl-ciclo/>

Information on teaching activities

<https://www.unicas.it/dottorato/elenco-dottorati-di-ricerca-delluniversita-degli-studi-di-cassino-e-del-lazio-meridionale/corso-di-dottorato-in-pubblica-amministrazione-e-imprese-per-linnovazione-e-lo-sviluppo-del-territorio/>

Doctoral course in “Texts, contexts and sources from antiquity to the Contemporary age”
in agreement with the Academy of Fine Arts of Frosinone

Site: Department of Letters and Philosophy

Coordinator:	<i>Prof. Gianluca Lauta</i> <i>Tel. 0776/2993877</i> <i>e-mail: gianluca.lauta@unicas.it</i>
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Total places available:	7	
Scholarship	6	<ul style="list-style-type: none"> - 1 with scholarship funded by University - 1 with scholarship DM 629 Public Administration on the topic of historical, philosophical, pedagogical and psychological sciences (Area 11) - 1 with scholarship DM 629 – <i>PNRR</i> on the topic of Archaeology, History of art, media, heritage and cultural heritage (Area 10: Ancient, philological-literary sciences and historical-artistic ”); - 1 with scholarship DM 630 co-funded by DB SERET Srl on the topic Paleography, codicology, media, heritage and cultural heritage. (Area 10: Ancient, philological-literary sciences and historical-artistic ”); - 1 grant DM 630 co-funded by Cooperativa sociale interpretariato research training LIS on the topic of archaeology, history of art, media, heritage and cultural heritage (Area 10: ancient, philological-literary sciences and historical-artistic ”); - 1 grant DM 630 co-funded by Corigit – Consorzio Stabile Rigeneriamo l'Italia S.c.a.r.l. on the topic of Archaeology, History of Art, media, heritage and cultural heritage (Area 10: Ancient, philological-literary sciences and historical-artistic ”);
Places without scholarship	1	
Length of course:	3 years	

Curriculum	Research topics
1) Historical and philological-literary studies on the ancient and medieval world	<p>The curriculum Historical, archaeological, historical-artistic and philological-literary studies on the ancient and medieval world offers training in historical and philological-literary research on ancient and medieval texts, on the production, writing and ornamentation of manuscripts and the cataloging techniques of codes and documents and includes archaeological-topographic and historical-artistic research.</p> <p>Training objectives:</p> <ol style="list-style-type: none"> 1) full possession of the general methodologies of humanistic research 2) ability to critically evaluate written and non-written sources and literary texts, for historical, philological, linguistic and literary reconstruction and analysis 3) acquisition of skills in historical, philological-literary and linguistic research 4) ability to develop scientific research projects with original and innovative results based on an accurate critical review of available knowledge 5) ability to program and manage software for the humanities, such as: <ol style="list-style-type: none"> a) databases of texts, books and manuscripts, artistic works; b) digital critical editions of ancient and modern texts, hypertexts with text analysis and comments 6) ability to combine traditional methodologies with the most recent applications of 'Digital Humanities' to historical and philological research.

2) Italian and European historical-literary, philological and linguistic studies	The Italian and European Historical-Literary, Philological and Semiotic-Linguistic Studies curriculum offers training in historical-literary, linguistic and philological research for Italian literature and for foreign literatures (in particular: for the French, English and Anglo- American, Spanish, Russian) with intertextual and comparative methodologies and attention to the theory and criticism of literature, textual semiotics and translation studies.
3) Historical studies	<p>The Historical Studies curriculum offers training in historical research in the fields of modern history, contemporary history, and the history of international relations.</p> <p>Training objectives:</p> <ul style="list-style-type: none"> a) full possession of humanistic research methodologies; b) ability to identify relevant and original research topics in reference to the international scientific debate; c) ability to develop scientific research projects with innovative results based on accurate identification and critical evaluation of sources and on an in-depth discussion and review of available knowledge; d) ability to combine traditional methodologies with the most recent applications of 'Digital Humanities ' to historical and philological research, with particular reference to 'Digital History' and 'Public History'.

Entrance tickets:

all specialist/master's degrees or equivalent qualifications (in the case of obtaining them abroad, equivalent qualifications)

Documentation must be attached to the application, under penalty of exclusion

- CV (to be drawn up according to the template attached to the competition notice and available on the University website “ *All . B*”) ;
- research project (to be drawn up according to the template attached to the competition notice and available on the University website: “ *All G* ”).

Additional evaluable qualifications

- any publications (*without limit in number*) ;
- any other scientific qualifications (study qualifications in addition to the qualification required for access to the competition will be taken into consideration such as: degree - or equivalent qualification, master's degree, specialization and/or improvement courses, postgraduate training courses, documented participation in research projects).
- Digital copy of the degree thesis

How to carry out the selection:

The entrance exam consists of a suitability assessment and an oral test.

The suitability judgment is expressed by the judging commission on the basis of the evaluation of the following elements: curriculum; research project, any publications, any other scientific qualifications and will be formulated in sixtieths. The suitability assessment will be positive if the candidate achieves a score of at least 40/60.

The oral test will be carried out in person and will be assessed with a score out of sixtieth; will be passed if the candidate achieves a score of at least 40/60. The sum of the scores obtained in the suitability assessment and in the oral test determines the ranking merit.

The interview will take place in Italian and will have to ascertain knowledge of the topics specific to the curriculum chosen by the candidate, with reference to the main Italian and foreign scientific literature and to the fundamental methodologies of the historical, historical-literary, philological, linguistic, paleographic-codicological fields (depending on the curriculum), as well as the candidate's full mastery of the topics illustrated in the research project. The interview must also verify the mastery of the foreign language, indicated when submitting the application, to be chosen between English and French (and

Spanish and Russian, only for those candidates who present projects in one of these areas). Instead of testing knowledge of a foreign language, the non-Italian candidate must demonstrate adequate knowledge of the Italian language.

Evidence evaluation criteria:

a) Evaluation of the curriculum and the research project (60 points); b) oral exam (60 points) for a total of 120 points. More in particular:

1) the evaluation of the curriculum and the research project will be carried out with reference to the following criteria

- characteristics and quality of previous training and research experiences and any publications and congruence with the topics of the chosen curriculum (30 points)
- methodological approach, originality and bibliographic updating of the research project; adherence to the specifications required in the model ("Annex G"); congruence with the topics of the chosen curriculum (30 points)

2) the evaluation of the oral exam will be carried out with reference to the following criteria:

- possession of basic training and essential research methodologies with reference to the chosen curriculum and the specific disciplines and topics related to the research project presented (30 points)
- effectiveness of the presentation of the research project (30 points)

Subjects covered by the exam

Curriculum Historical archaeological, historical-artistic and philological-literary studies on the ancient and medieval world

Latin language and literature

Greek language and literature

Transmission of classical Greek and Latin texts

Textual criticism

Latin paleography

Greek paleography

Papyrology

Codicology

History of the miniature

Musical paleography

Art history

Archeology

Greek history

Roman history

In particular, for scholarships in agreement with the Academy of Fine Arts of Frosinone, the exam may also concern the following areas:

History of protection of Cultural Heritage

Cultural heritage legislation

Museology and history of collecting

Expository communication

Museography

History of photography

History of audiovisuals

Contemporary languages

Techniques and practices of photography and audiovisuals

Photography of cultural heritage

Multimedia for cultural heritage

Critical writing and editing

Art pedagogy

Teaching of art and inclusion
Museum education

*Curriculum Italian and European historical-literary, philological and linguistic studies **

A) Italian studies

Italian literature

Italian linguistics

Philology of Italian literature

B) Theories of languages

Theoretical linguistics and general semiotics

Translationology

C) Foreign languages and literatures

1. English language and literature

Anglo-American language and literature

2. French language and literature

French literature

Literature of French-speaking countries

3. Hispanicism

Spanish language and literature

Spanish literature

4. Slavic studies

Russian language and literature

Russian literature

** the candidate can choose in which of the three areas (A, B or C) to carry out the oral test*

Curriculum Historical studies

Modern history

Contemporary history

History of international relations

Place where admission tests will be held

University of Cassino and Southern Lazio – Department of Letters and Philosophy – Via Zamosch 43, Cassino

Test calendar

Date of publication of suitability judgment outcome	August 29, 2024
Oral exam date	September 5, 2024 at 9:00 am
Place where the oral exam will be held	Department of Letters and Philosophy – Via Zamosch 43 Cassino
Publication of rankings	by September 10, 2024

The results of the tests and the ranking will be published on:

<https://www.unicas.it/ateneo/bandi-di-concorso/corsi-di-dottorato-di-ricerca-aa-20242025-xl-ciclo/>

Information on teaching

<https://www.unicas.it/dottorato/elenco-dottorati-di-ricerca-delluniversita-degli-studi-di-cassino-e-del-lazio-meridionale/corso-di-dottorato-in-testi-contesti-e-fonti-dallantichita-alleta-contemporanea/>