



ECONOMICS & MANAGEMENT OF INNOVATION AND SUSTAINABILITY (EMIS)

CYCLE	XXXVIII
COORDINATOR	Prof.ssa Beatrice LUCERI Department of Economics and Management email: Beatrice.luceri@unipr.it
DURATION	3 years
STARTING DATE OF THE PHD PROGRAM	01/11/2022
PARTNER INSTITUTION	<ul style="list-style-type: none">• University of Ferrara• University Cattolica del Sacro Cuore
RESEARCH TOPICS (The candidate MUST mandatorily indicate one research topic in the form ANNEX A and submit a RESEARCH PROJECT in the relevant field)	
<ul style="list-style-type: none">• Regulatory aspects and effects of agricultural and agri-food policies• Branding and value creation• Consumer behavior and marketing management• Determination and communication of value in businesses• Knowledge economy, organization, human capital and labour• Culture economics: management and policies• Environmental and natural resources economics• Economics and public management• Economics and industrial and development policy• Finance and risk management• Health care and health management• Performance evaluation, balance analysis and business management auditing• New entrepreneurship, business strategy and management development• Intangible resources and management systems, financial and non-financial assessment and reporting• Economic decisions under uncertain contexts• Regional and territorial systems	
TRAINING OBJECTIVES	
<p>The course is designed to train Ph.D. students having a background in economic-business and economic-political, according to a theoretical and quantitative perspective and integrating – as a particular specificity of the course – economic, management, and mathematical-statistical tools. The aim is to provide students with the knowledge and skills useful for successful employability in academia, in companies or public authorities in job positions with a strong research connotation in the regional, Italian and European labor markets.</p> <p>To this end, the Ph.D. program is structured to develop:</p> <ul style="list-style-type: none">- a solid knowledge of the processes of business management and organization, as well as the processes of management of socio-economic phenomena and policy at regional and macroeconomic levels, through the completion of the basic preparation and the learning of appropriate research methodologies;- a specialized theoretical and applicative preparation in the specific research area in which the Ph.D. program has declined the innovation and sustainability topic. <p>The educational objectives are achieved by offering a set of courses on consolidated and innovative research methods in the social sciences, qualitative and quantitative analysis tools and on the most relevant theoretical perspectives, with a strong interdisciplinary approach. Specifically, the first year is devoted to transferring the basic knowledge needed to appropriately structure the research project. The courses deal with bibliographic research, research design, quantitative and qualitative research techniques, tools for analyzing qualitative and quantitative data, and decision-making models of different economic actors. Starting from the second year, specific research activities, lectures and seminars consistent with the Ph.D. student's field of research, as well as courses aimed at the development of soft skills, language skills, and computer skills, complete the training. At the same time, the Ph.D. student starts writing the thesis that represents the main commitment of the third year.</p>	



Special emphasis is placed on international mobility and periods of study abroad at qualified research institutions, aimed at individual growth and the advancement of the doctoral thesis project. In summary, a training course that, after providing the methodological foundations of scientific research, is custom designed on the specific interests and skills of each Ph.D. student.

ADMISSION REQUIREMENTS	<p>Regardless of age and citizenship, applicants holding at least one of the following academic qualifications can apply for admission:</p> <ul style="list-style-type: none"> – "Laurea Magistrale" LM-16 Finance – "Laurea Magistrale" LM-31 Management Engineering – "Laurea Magistrale" LM-35 Environmental Engineering – "Laurea Magistrale" LM-40 Mathematics – "Laurea Magistrale" LM-52 International relations – "Laurea Magistrale" LM-56 Economics – "Laurea Magistrale" LM-62 Political Science – "Laurea Magistrale" LM-63 Public Administration – "Laurea Magistrale" LM-76 Environmental and cultural economics – "Laurea Magistrale" LM-77 Management – "Laurea Magistrale" LM-81 Development co-operation – "Laurea Magistrale" LM-82 Statistics – "Laurea Magistrale" LM-83 Actuarial, Financial and Economic Statistics – "Laurea Magistrale" LM-90 European studies <p>as well as the equivalent "laurea specialistica" or "laurea" achieved based on the university system in force before the entry into force of Italian Ministerial Decree No. 509/99</p> <ul style="list-style-type: none"> – Second cycle Master's degree obtained abroad, equivalent to the above mentioned Italian degrees and recognized as suitable for the admission to doctoral program <p>Undergraduates can also apply for admission to the selection, with the obligation to obtain the degree within the deadline set for enrollment, that is by 24.10.2022</p>
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POSITIONS PUT OUT TO COMPETITION	15	With Scholarship	14
		With Scholarship reserved for candidates that have achieved degree abroad	1
Position with Scholarship			
N°	Funding entity		Research Topic, if any
2	Scholarship funded by University of Parma (Ministerial funds)		---
3	Scholarship funded by University of Ferrara		---
1	Scholarship funded by University Cattolica del Sacro Cuore		---
1	Scholarship co-funded by Fondazione Cariparma		---
Position with Scholarship LINKED TO SPECIFIC TOPICS (art. 11 of the Competition notice)			
<p>During the Oral Exam, applicants may express and/or confirm their interest of being assigned a scholarship linked to a specific research topic. The Examination Board will evaluate their eligibility based on specific competences, experience and specific aptitudes of the applicants.</p>			
N°	Funding entity		BOUND RESEARCH TOPIC
1	Scholarship financed by University Cattolica del Sacro Cuore under the PNRR– Mission 4 component 1 (Ministerial Decree 351/2022 art. 8 "Public Administration") <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="font-size: 8px;"> Finanziato dall'Unione europea NextGenerationEU </div> </div>		<p>Management innovation in Public Administration</p> <p>The project is intended to investigate PA governance and management systems with the aim of identifying structures, practices and tools capable of accelerating innovation processes. Within the same framework is the activity aimed at investigating the necessary skills that will provide the basis and operational tools to carry out reforms, changes and adaptations with a view to deep renewal. Particularly</p>



		<p>relevant will be the issue of change-management, the propulsive heart of those renewal and innovation actions required by the changed social, environmental and economic context and by the PNRR itself.</p> <p>With reference to PA and innovation, it is of primary importance to investigate the areas most affected by the recent evolution of all socio-economic, as well as human-relational, systems, in order to identify the risks related to any intrinsic rigidities in the management and governance system and the main opportunities related to change. The construction of a mapping of what are to date the active best practices and the main enabling factors for innovation will lead to selecting the adaptation/change paths most in line with the conditions of the reference context and the current historical period.</p> <p>Scientific coordinator: Prof. Francesco TIMPANO – Catholic University of the Sacred Heart</p>
<p>1</p>	<p>Scholarship financed with funds under the PNRR– Mission 4 component 1 (Ministerial Decree 351/2022 art. 7 “PNRR Research”)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <div data-bbox="292 1010 459 1070"> <p>Finanziato dall'Unione europea NextGenerationEU</p> </div>   </div>	<p>Sustainable assortments and integrated supply chain management</p> <p>The project aims to analyze sustainable strategies adopted by retailers with reference to assortment management. The main focus will be on factors driving products selection with a particular interest in private labels, that are entirely developed and managed by retailers.</p> <p>The research will also focus on consumer behavior investigating consumers’ attitude, perception and behavioral intention towards sustainable choices. Interest will be focused on the role of digital technologies in environmental transition. In this context, the development and use of mobile apps in supporting sustainable policies, namely in facilitating consumers’ virtuous behaviours, will be analyzed.</p> <p>Scientific Coordinators: Proff. Guido CRISTINI, Sabrina LATUSI and Donata Tania VERGURA – University of Parma.</p>
<p>4</p>	<p>Scholarship financed with funds under the PNRR– Mission 4 component 1 (Ministerial Decree 351/2022 art. 8 “Public Administration”)</p> <div style="display: flex; justify-content: space-around; align-items: center;">  <div data-bbox="292 1671 459 1731"> <p>Finanziato dall'Unione europea NextGenerationEU</p> </div>   </div>	<p>1. Organisation and performance of Public Administration</p> <p>Good performances in terms of services’ quality and capacity to manage risks among public organizations are strictly related to competencies of people working within such organizations. Therefore, there’s a strong need to develop and incentivize the improvement of these skills.</p> <p>The research project aims to define management and leadership competencies that will be needed in public organizations in the forthcoming years.</p> <p>The PhD student will have the chance to improve his/her knowledge of the Italian public system, through empirical and in-depth case studies analyses. He/She will also collaborate with major public entities across the whole national territory (Universities, health organizations, schools, local authorities, penitentiary institutions, etc.). Results of his/her work will be presented at national and international conferences.</p> <p>Furthermore, the PhD student will be entitled to spend a period of time abroad, in order to acquire new competencies and get to know new contexts.</p> <p>Scientific coordinator: Prof. Antonello ZANGRANDI - University of Parma.</p> <p>2. Technological innovation in healthcare enterprise management: the telemedicine</p> <p>Telemedicine represents today one of the greatest innovation in the field of health technologies. It grants equal access to health services, stamping out possible waste of resources and allowing upstanding performances.</p>



The research project aims to assess the implementation and management of tele-medicine services according to effectiveness and efficiency principles.

The PhD student will be asked to study the elements guiding the technological innovation among health organizations, with a multidisciplinary approach.

He/she will gain a strong knowledge of the Italian public health context, thanks to different collaborations with major public health organizations (University-hospitals, IRCCS, public hospitals, etc.). Results of his/her work will be then presented to national and international conferences.

Furthermore, the PhD student will be entitled to spend a period of time abroad, in order to acquire new competencies and get to know new contexts.

Scientific coordinator: Prof. Antonello ZANGRANDI - University of Parma.

3. Reform of the PA and local government accounting

In 2026 all Italian local authorities are anticipated to implement accrual accounting systems. This is one of the major outcomes of reforms related to the PNRR (National recovery and resilience plan) that will invest the world of public accounting and, as such, it will have a strong impact on all the organizations financially struggling.

Furthermore, considering the legal obligations related to the PNRR, the financial struggles of local municipalities are even more significant, as they may prevent the reaching of all goals stated by the PNRR.

The PhD student will be asked to sketch what critical factors can lead to financial distress for local authorities, isolating potential solutions for critical situations.

He/she will gain a strong knowledge of the Italian public accounting principles, and will collaborate with major public local authorities (municipalities, regions, etc.). Results of his/her work will be then presented to national and international conferences.

Furthermore, the PhD student will be entitled to spend a period of time abroad, in order to acquire new competencies and get to know new contexts.

Scientific coordinator: Prof. Marco FERRETTI - University of Parma.

4. Companies with public participation: opportunities and critical issues



Financial distress for municipal organizations is often related to the companies in which a stake is held and their impact on the holding accounting.

In light of this, the project's aim consists in identifying suitable models to assess subsidiaries performances, in order to prevent potential financial struggling for the whole holding.

The object of the research will consist in: risk management assessment, balance sheets analyse as well as management control evaluations. The PhD student will thus focus his/her work on these fields and provide useful insights for scholars and managers.

These activities will improve the PhD student knowledge of the Italian public system, through empirical and in-depth analyses of different cases. The PhD student will also collaborate with major public holdings. Results of his/her work will be then presented to national and international conferences.



		<p>Furthermore, the PhD student will be entitled to spend a period of time abroad, in order to acquire new competencies and get to know new contexts. Scientific coordinator: Prof. Marco FERRETTI - University of Parma.</p>
1	<p>Scholarship co-financed with funds under the PNRR - Mission 4 component 2 (Ministerial Decree 352/2022) and co-financed by the Company NielsenIQ Italy S.r.l.</p> 	<p>Models of sustainable nutrition, health and well-being of citizens NielsenIQ, leading global market research, and big data company, supports the research activity within the Ph.D. EMIS by providing a scholarship aimed at setting up an observatory on fresh products. Despite these categories being of high importance for the supply chain in the food sector, there is currently a lack of a consolidated measurement system that can provide useful data to guide business choices. Through analytical tools and the use of NielsenIQ databases, together with the skills gained during the Ph.D., the candidate will be able to design innovative systems for measuring the performance of these categories. The research activity will produce valuable results for manufacturers and retailers that can identify effective ways to promote proper nutrition for the health of citizens and collective well-being. Scientific Coordinators: Proff. Silvia BELLINI and Davide PELLEGRINI - University of Parma.</p>
1	<p>Scholarship co-financed with funds under the PNRR - Mission 4 component 2 (Ministerial Decree 352/2022) and co-financed by the Company PRO.GE.A. S.r.l.</p> 	<p>Quality and risk management in health care companies Progea Srl is a leading company in the field of consulting and education for health organizations in Italy, and it will co-fund a PhD study grant at University of Parma. The focus of the research will consist in the analysis of organizational variables impacting on risk management and quality performances of health organizations across the country. The PhD student will be asked to study organizational models concerning quality processes and risk management assessment among Italian hospitals. He/she will gain a strong knowledge of the Italian public health context, thanks to different collaborations with major public health organizations (University-hospitals, IRCCS, public hospitals, etc.). Results of his/her work will be then presented to national and international conferences. Furthermore, the PhD student will be entitled to spend a period of time abroad, in order to acquire new competencies and get to know new contexts. Scientific coordinator: Prof. Marco FERRETTI - University of Parma.</p>

ADMISSION PROCEDURES	<p>Assessment of QUALIFICATIONS: up to 75 points (a minimum score of 50 points shall be required to be admitted to the Oral Exam) ORAL EXAM: up to 45 points Minimum score for ELIGIBILITY: 70/120</p>
Foreign Language	<p>Language the fluency of which shall be assessed during the Oral Exam: ENGLISH. The evaluation of the knowledge of this language will be oral and will consist in presenting a part of the research project in English.</p>
<p>CANDIDATES ADMITTED TO THE ORAL EXAM CAN TAKE IT EITHER IN PRESENCE OR REMOTELY IN AUDIO AND VIDEO TELECONFERENCE</p> <p>(Applicants who intend to take the Oral Exam remotely must submit a formal request, using the form attached to the competition notice)</p>	



THE INTERVIEW MAY BE HELD ALSO IN ENGLISH

LIST OF QUALIFICATIONS TO BE SUBMITTED AND THEIR ASSESSMENT

MANDATORY DOCUMENTS TO BE ATTACHED TO THE ON-LINE APPLICATION

ANNEX A	(art. 5 of the Competition notice)
Identification Document	Scanned Copy of a valid identity document with photo (i.e. identity card, passport)
Curriculum Vitae et studiorum	No specific CV format is required (see art. 4 of the Competition notice)
Abstract of degree thesis	Abstract of the second cycle master's degree thesis. Undergraduate applicants must submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces)
Qualifications	Certificates and academic transcript of records for both Bachelor' and Master' degrees containing the following details for each degree held: (art. 4 of the Competition notice): University that granted the degree - Type of degree (first cycle/second cycle/single cycle) Name of the degree program - Date of graduation - Final mark - List of exams and corresponding scores (academic transcript of records) - Translation into Italian or English (only for degrees issued in languages other than Italian or English).
Research Project	Written in Italian or in English, according to the format attached to the competition notice It will have to focus on an original research topic (unpublished, developed personally by the candidate. It should be noted that the Examination Board can use of IT tools useful for verifying the originality of the submitted Project) <u>It does not represent a constraint with respect to the following choice of the doctoral thesis, which will be assigned by the Academic Board.</u>

FURTHER QUALIFICATIONS THAT MAY BE ATTACHED TO THE APPLICATION, IF IN POSSESSION OF THE APPLICANT
(only qualifications attested by a document drawn up in Italian or in English)

Statement of Research interest	Short text – maximum 1 page – in Italian or in English, aimed at explaining the candidate's reasons to attend the PhD program and at describing her/his specific research interests
Scientific Publications	Articles and/or reviews in scientific journals with peer reviewing, abstracts of papers or posters presented at conventions or meetings
Other Academic qualifications	First or second level Master's degree obtained in Italy and/or specialization degree in subjects consistent with the research topics of this PhD program
Other experiences (training, work, research, teaching, etc.)	<ul style="list-style-type: none"> – Research activity (basic, applied, translational, etc.) carried out in any capacity, including when covered by research grant, and as a staff member of research units – Working activity – Professional and/or training internship – Language proficiency certificates – Periods of study abroad, outside the country of origin (e.g. Erasmus programme or other similar mobility programmes) – Other qualifications attesting the suitability of the applicants (scholarships, awards, etc.) Continuous and lasting experiences will be privileged - at least one semester - and will be evaluated only if they are recognized as functional to the acquisition of skills, experience and qualification within the research areas of the PhD course

EVALUATION CRITERIA



QUALIFICATION		EVALUTATION CRITERIA	POINTS
Graduation mark (Average of the exam marks for the candidate will attain the degree no later than 24 October 2022)		Score related to the final mark or to the average of the exam marks for graduands.	Up to 12 points
Other qualifications		Qualified professional experiences (in the case of professional experiences, continuous and lasting ones will be privileged - at least one semester - and will be evaluated only if they are recognized as functional to the acquisition of skills, experience and qualification in the research areas covered by the specific doctoral course); other academic qualifications (masters, advanced courses, at least two-monthly training courses provided by university-level training institutions or bodies); didactic, seminar or university training experiences.	Up to 12 points
Scientific publications		The assessment will be carried out with a view to accessing the PhD course and taking into account the degree of maturity required for the specific position. Only publications of which a copy has been included among the qualifications presented will be evaluated and not any publications cited exclusively in the curriculum and / or in the form of a list.	Up to 6 points
Graduation thesis		Congruence with the research topics of the PhD course and quality of the research methodology	Up to 15 points
Research Project		The project will be evaluated based on the scientific value, the originality of the proposal, the articulation, the feasibility of the proposal and the consistency with the themes of the doctorate.	Up to 24 points
Statement of Research Interest		The motivation and interest in attending the PhD course will be evaluated.	Up to 6 points
ORAL EXAM		EVALUATION CRITERIA	POINTS
The ORAL EXAM includes the presentation of the research project and is intend to assess the suitability of the applicant to pursue scientific research as well as the general knowledge of issues connected to the PhD course		<ul style="list-style-type: none"> ○ knowledge of the foreign language: max 10 points ○ research project presentation: max 35 points 	Up to 45 points
SCHEDULE OF THE ADMISSION EXAMS			
ORAL EXAM	DATE	19 September 2022 (with possible extension to 20 September 2022)	
	TIME	09:00 AM (Italian Time)	
	PLACE	Department of Economics and Management Via J.F. Kennedy, 6 43125 PARMA - ITALY	
OTHER INFORMATION		For foreign candidates, the admission examinations may be held in English at the candidate's choice.	