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SHEET H

DOCTORAL COURSE IN ECONOMICS

Course: XXXVIII

Estimated starting date of the course: 1/11/2022

Coordinator: Professor Antonio Corvino (PO) – Area 13 SSD SECS-P/07 – University of Foggia

Administrative headquarters: DEPARTMENT OF ECONOMICS, MANAGEMENT AND TERRITORY – UNIVERSITY OF FOGGIA

Length: 3 years

Curricula: NO

Total number of positions available No. 14 of which:

- No. 2 positions through scholarships granted by the university;
- No. 2 positions through scholarships granted by Parco del Gargano National Body;
- No. 2 positions through scholarships granted by Ministerial Decree No. 351/2022:
 - Within the scope of: public administration;
- No. 6 positions through scholarships granted by Ministerial Decree No. 352/2022:
 - No. 5 grants co-financed by: Beijing Zhongyikun Technology Training Co. Ltd - CHINA;
 - No. 1 grant co-financed by: Lotras s.r.l.;
- No. 2 positions without scholarship.

Of No. 12 positions available through scholarship, No. 5 positions will be reserved to Chinese students holding a postgraduate degree.

Short description of the research projects:

Society 5.0 marks the start of a new phase of economy and human history through the sweeping change from a utilitarian economic system to an inclusive system. In this new social model, based on the values of sustainability, openness and inclusiveness, the paths of economic growth and development pursue the objective of sustainable equitable well-being at all levels of governance. The European Union is pushing towards this transition by focusing on energy efficiency and renewables, artificial intelligence and data analysis. The general vision is based on the recognition of an acceleration of the current economic, social and technological change that determines new emerging needs, in such a way to trigger a conversion of the current economies and significantly contribute to the achievement and defense of a competitive advantage of territories. In order to face the challenges of a rapidly evolving society, this doctoral course in "Economics" adopts the keywords of Society 5.0, such as: "sustainability", namely the efficient use of renewable sources and natural resources; "resilience" or the ability of the entrepreneurial fabric to promptly respond to the changes taking place; and "human-centric approach", in which the individual is understood as a key player in strategic change. In this context, they become a priority for territories, organizations, businesses and individuals. The journey towards a 5.0 society requires the continuous support of policies aimed at promoting economic and sustainable processes, in order to reduce economic, social and environmental inequalities. Therefore, it requires the investigation, knowledge and validation of performance measurement techniques and methods that facilitate a more objective evaluation of the results and a more precise understanding of the possible drivers, in order to implement adequate territorial policies inspired by an efficient and effective use of the resources used. The doctoral course in question is, therefore, designed to train high-profile scholars and experts, capable of adopting theoretical, analytical and computational methods and models, in order to support the public decision maker and / or the top management team of a business both in the identification of increasingly complex solutions and in the implementation of economic and management choices aimed at achieving an increasingly equitable and sustainable well-being of the territories. The research subjects, albeit



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vast but limited in their interrelationships and specificities, allow for the introduction of analytical factors relating to the management of complex socio-economic-environmental phenomena, new strategic management processes, innovation and industrial design, as well as information systems, data management and artificial intelligence. The interconnections between global and territorial issues are enhanced, as the program contributes to intensifying cooperation with local businesses and institutions, by virtue of the research areas mentioned above and the high skills of the faculty board. The complementarity between thematic areas of the economy and governance of the business system, with a view to sustainability, resilience and human approach as well as different levels of analysis (micro-macro, public and private enterprises-institutions) implies the exploitation of hard / soft and transversal skills, highly applicable and, above all, widely requested in the labor market at a regional, national and international level.

Course objectives: based on the paradigm of society 5.0, the program pursues the macro-objective of providing advanced interdisciplinary training, aimed at the study and implementation of increasingly sustainable economic development models, institution, organization and business management models and tools, contributing to the pursuit of the objectives of the UN 2030 Agenda and of the current long-term European economic policies, such as the Green Deal and the Next Generation EU. Specifically, the program aims to achieve the following objectives: - analyze the transformations of economies and territories in their traditional systemic, transition and development relations; - analyze and evaluate policy initiatives and development paths and fair-sustainable well-being of companies, based on economic potential, innovative business models and entrepreneurial paths, also inspired by the green and blue economy; - evaluate both the opportunities offered by the changes in progress and the impact of new technologies, innovation and industrial design, artificial intelligence and cyberspace on the processes of economic development; - design interdisciplinary pathways for the enhancement and promotion of new participatory and sustainable economies. The training of highly professional research doctors will be pursued by offering advanced methodological and specialist courses, seminars, workshops, study and research experiences within institutions and research centers in Italy and abroad, as well as individualized in-depth courses and training activities aimed at writing the doctoral thesis under the supervision of one or more academic representatives.

Short description of the research projects referred to in the PNRR (Ministerial Decrees 351 and 352 of 2022):

The doctoral course in "Economics" is in line with the main objectives of Next Generation EU (NGEU) and the National Recovery and Resilience Plan (PNRR), in order to promote a robust economic recovery of the Italian and European territories, in the name of the ecological transition, digitalization, competitiveness, training and social, territorial and gender inclusion. In particular, the program aims to contribute to the pursuit of the strategic objectives attributable to the six pillars of the PNRR, such as: - the green transition - the digital transformation - smart, sustainable and inclusive growth - social and territorial cohesion – health, economic, social and institutional resilience - policies for the new generations, children and young people. More specifically, the objectives and the educational offer of the course contribute to the pursuit of the following missions of the PNRR: *Mission 1*. Digitalization, innovation, competitiveness, culture and tourism. The research themes of the theses, supervised in the context of Mission 1, will allow for a contribution to the study and analysis of the territorial productivity, industrial design, and the entrepreneurial fabric of the investigated areas, to improve their connectivity, particularly relevant in marginal, rural and internal areas in such a way to trigger a more sustainable development between the communities involved and the global market. *Mission 2*. Green revolution and ecological transition. The research themes of the theses, supervised in the context of Mission 2, will contribute to the study and analysis of business models suitable for the sustainable management of environmental assets and the proposal of policies aimed at safeguarding natural resources, in order to reduce sustainable growth gaps of the investigated territories. *Mission 3*: infrastructures for sustainable mobility. The research themes of the theses, supervised in the context of Mission 3, will contribute to proposing models of economic and social growth capable of promoting sustainable mobility, at all the territorial spatial levels involved (urban, peri-urban, regional, national), proposing business studies and strategic policies aimed at efficiently expanding the newly built logistics chain and optimizing the use of existing infrastructures, increasing their use. *Mission 4*: education and research. The research themes of the theses, supervised in the context of Mission 4, will contribute to enhancing the studies aimed at strengthening a territorial economy with a high intensity of knowledge, competitiveness and resilience. The aforementioned subjects are intended to improve and strengthen education and research aimed at businesses, to fill the gaps in the offer of educational services, to reduce the gap in basic skills with particular attention to the so-called STEM sciences and soft skills, in order to reduce the skill mismatch between education and job demand and to make R&D spending more efficient. *Mission 5*: cohesion and inclusion. The research themes of the theses, supervised in the context



of Mission 5, will contribute to the study, analysis, management and policies to strengthen social innovation and reduce the gap in connectivity and digitalization, particularly relevant in internal and marginal areas, in order to create new opportunities for social and entrepreneurial growth, proposing growth models aimed at supporting female employment and entrepreneurship, contrasting gender discrimination, increasing both the employment prospects of young people and the training and requalification of human capital. These objectives tend to have a positive influence on the definition logic of social policies, in order to pursue a territorial counterbalance for the development of the South and the internal and marginal areas. *Mission 6: health.* The research themes of the theses, supervised in the context of Mission 6, will contribute to the study, analysis, management and implementation of policies aimed at reorganizing and promoting a regional healthcare system increasingly oriented towards meeting the welfare needs of the territorial communities investigated, also from a digital perspective. These analyzes pursue the intent to investigate and identify the most appropriate measures to reduce territorial discrepancies in the provision of healthcare services and for the socio-health well-being of the communities; study business models and public policies with the purpose of achieving adequate integration between hospital, local and social services; formulate strategies focused on the activation of synergistic circuits between different stakeholders, in order to outline effective actions aimed at mitigating environmental, climatic, health, local and global risks.

Admission prerequisites:

Master's Degree in:

LM-18 Computer science

LM-23 Civil engineering

LM-31 Industrial engineering

LM-35 Environmental and territorial engineering

LM-40 Mathematics

LM-56 Economics

LM-63 Public administration sciences

LM-76 Environmental and cultural economics

LM-77 Business economics

LM-82 Statistical science

LM-83 Actuarial and financial statistical sciences

LM Data science

64/S (Master of economics)

71/S (Master of public administration sciences)

84/S (Master of business economics)

90/S (Master of demographic and social statistics)

91/S (Master of economic, financial and actuarial statistics)

LMG/01 (LAW)

Degree in Economics and Business (single cycle according to prior system Ministerial Decree 39/1998);

Degree in The Economics of Public Administrations and International Institutions (single cycle according to prior system Ministerial Decree 39/1998);

Degree in Political Science (single cycle according to prior system Ministerial Decree 39/1998);

Degree in The Economics of Institutions and Financial Markets (single cycle according to Ministerial Decree 39/1998);

Degree in Economics of Tourism (single cycle according to prior system Ministerial Decree 39/1998);

Degree in Business Economics and Legislation (single cycle according to prior system Ministerial Decree 39/1998);

LM 16, Finance;

LM 17, Physics;

LM 30, Energy and nuclear engineering;

LM 48, Environmental, urban and territorial development planning;

LM 49, Tourism systems planning and management;

LM 52, International relations;

LM 62, Science of politics;

LM 78, Philosophical sciences;

LM 80, Geographical sciences;

LM 81, Development cooperation sciences;

LM 90, European studies;



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LM 50 Development and management of education services ;
LM 85 Education.

Admission procedures:

The selection will be based on the assessment of qualifications, project research and oral exam.
During the oral exam, the research project presented by the candidate at the time of the application will also be discussed and the knowledge of the English language will be ascertained.
The assessment will take place pursuant to art. 6 of the selection notice.

Test completion methods for foreign candidates:

Foreign candidates can choose to take the admission test in English.

Admission test calendar and venue:

Oral test: 21 September 2022 at 9:30.

Test venue: the oral test will take place online for all candidates. The email address provided by the candidate will be used to arrange the platform and the related *virtual rooms* for connection.

For further information please visit:

<https://www.unifg.it/it/studiare/post-lauream/dottorati-di-ricerca>