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SHEET F

DOCTORAL COURSE IN EDUCATIONAL, DEVELOPMENT AND LEARNING SCIENCE

Course: XXXVIII

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

Coordinator: Professor Isabella Liodice (PO) – Area 11 SSD M-PED/01 – University of Foggia

Administrative headquarters: DEPARTMENT OF HUMAN SCIENCE, LITERATURE, CULTURAL HERITAGE, EDUCATIONAL STUDIES – UNIVERSITY OF FOGGIA

Length: 3 years

Curricula: YES

1. Educational Science. The curriculum of Educational Science is integrated with the area of pedagogical and educational research in relation to human biopsychic, social and cultural development and with the contexts of education and person-centred care for the entire course of life. A specific focus is, indeed, reserved to training problems understood as a dynamic and continuous process in the perspective of lifelong and life wide learning; lifelong education understood as a socio-culturally placed area of practice; educational practices and teaching methodologies functional to the promotion of processes of social inclusion and intercultural integration; formal, informal and non-formal contexts of education, instruction and training; school, university, family, peer group, workplaces, spaces for political, social, cultural, religious participation; the training of education, care and training professionals in school, university and extracurricular, and professional contexts, etc.
2. Development and Learning Science. The curriculum of Developmental and Learning Science is integrated with the area of psychological research on learning, with specific reference to the issues of learning difficulties and disorders, emotional and motivational learning aspects, the effects on socio-economic and cultural disadvantage learning conditions and minority bilingual conditions. Particular attention will be paid to the study of the effects of emergency events on learning, with special attention to the variables related to the school and family settings and their impact on the cognitive, affective and relational components of learning, through a comparison between neurophysiological and behavioral patterns.

Total number of positions available No. **16** of which:

- No. 4 through scholarship granted by the university: **curriculum Educational Science**;
- No. 3 positions through scholarships granted by Ministerial Decree No. 351/2022 - **curriculum Educational Science**:
 - No. 1 grant within the scope of: digital transition;
 - No. 1 grant within the scope of: PNRR;
 - No. 1 grant within the scope of: public administration
- No. 5 positions through scholarships granted by Ministerial Decree No. 352/2022 - **curriculum Development and Learning Science**:
 - No. 5 grants co-financed by: Universo Salute SRL;
- No. 4 positions without scholarship.

Short description of the research projects:

The doctoral course in Educational, Development and Learning Science promotes the acquisition of theoretical, experimental and methodological skills necessary to design and implement highly qualified research activities in the areas of pedagogical, psychological and human-social sciences within universities, public or private bodies, production organizations, in Italy or abroad, and capable of bringing about a significant development of knowledge, as well as, consistently with the PNRR, supporting the digital and ecological transition in multiple life and work settings, and meeting the innovation needs of businesses and the public administration. The course has an interdisciplinary nature and an international vocation. The main subject of



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investigation of the research training is human development and its educability, explored from different theoretical and methodological perspectives mainly attributable to two disciplinary areas: pedagogy and psychology, without neglecting the contribution of other disciplines relating to human-social, scientific and technological areas. Specific attention will be paid both to the issues of the pedagogy of work and human resources and the psychology of organizations, in order to support research paths capable of innovating career management skills and the empowerment useful for dealing with the continuous and rapid change of public administrations and companies, thus intervening on the modernization processes referred to in the PNRR, and on the issues of e-learning for social inclusion and the development of new tools for technology transfer, in the perspective of environmental and social sustainability. The training plan takes advantage of the multidisciplinary skills of the professors of the PhD Board and numerous international collaborations, as well as the involvement of companies, promoting innovative research and practices also through powerful and articulated debates. This abundance of contributions makes it possible to develop specific skills and, at the same time, interdisciplinary skills necessary to govern the complexity of the contemporary world which, as outlined by the PNRR, also involves public administrations (along with schools, universities, person-centred care services, production systems, etc.) not coincidentally defined as "complex systems" which act adaptively in relation to the surrounding environment. The aim of the course is therefore to develop research paths that know how to read through and interpret complexity through the ability to make universal values and individual dimensions interact, multiple knowledge that also knows how to promote respect for individual rights (with particular attention to the gender dimension 1, in compliance with the horizontal principles of the PNRR) and the ethics of care in the perspective of inclusion and social cohesion, with a particular focus on supporting the intellectual and economic, social and cultural growth of the South. The skills acquired will be usable in the field of basic and applied research in different settings: in schools and universities where, as referred to in the PNRR, specific interventions are to be carried out in the teaching area and advanced university skills, as well as in the strengthening of training and professional orientation activities, also in order to remedy some territorial gaps; in personal assistance and care services, in social enterprises, in the contexts of socio-cultural policies where processes of social inclusion in reference gender, age, culture, psycho-physical condition inequalities are to be favoured; in companies, research centers, in the public administration where to intervene in order to strengthen organizational-managerial skills (that "administrative capacity in relation to the formulation and design of public policies" referred to in the PNRR) and digital skills in support of environmental sustainability and sustainable development, equal opportunities, the inclusion of disabled people, in line with the horizontal principles of the PNRR and with the "do not cause significant harm" principle; in companies that deal with e-learning, media education, and edutainment.

The general objectives of the course are to: guarantee a solid theoretical-practical preparation in order to acquire adequate knowledge of the most advanced theories, methodologies and technologies of the disciplines relating to pedagogical and psychological areas as well as, more generally, to those of human-social science; ensure training in high-quality pedagogical and psychological research useful for developing interventions in different settings (from education and training systems to person-centred care services, from businesses to public administrations, etc.) that compensate for the scientific talent gap which, according to the PNRR, marks a delay in Italy with respect to the performance of other countries and, in particular the South of Italy as compared to the rest of the country; promote the acquisition of skills transversal to the different research areas and transferable to different highly-qualified research and work contexts; acquire the ability to plan educational actions that generate new forms of cohabitation and social justice aimed at contrasting exclusion in the phenomenology in which it can occur; promote the acquisition of skills related to digital and media technologies; promote management, leadership and effective communication skills; support linguistic and IT improvement; ensure a fruitful connection between the world of research and the production and service system, both public and private; create an international network of researchers to develop skills in fundraising activities through the establishment of scientifically competitive partnerships; foster the exploitation of research results and ensure the protection of intellectual property, ensuring open access to research results and related data (e.g. publications of original scientific research results, raw data and metadata, sources, digital graphic and image representations and scientific multimedia materials) in the shortest time and with the least possible limitations, according to the principles of "Open Sciences" and "FAIR Data", as referred to in the PNRR, to support the digital and ecological transition processes.

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

The acquisition of clinical, training, digital and organizational-managerial skills envisaged by the doctoral



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training plan appears to be directly related to several areas of interest of the PNRR, which make reference to each other: from those expressed by Mission 1 in terms of Digitalization and innovation of the Public Administration (with particular reference to Component 1), to those consistent with the digital and ecological transition referred to in Mission 2, and those of Measure 5, "Cohesion and inclusion", (with particular reference to Components 1 and 2), up to the more specific ones in Measure 4, "Education and research", indicated in the Ministerial Decree 351 and 352/2022, which provide for a high qualification of research doctors to be involved in the modernization processes of the educational and university systems, public administration, public and private companies, and the digital and environmental transition processes, in the perspective of a new culture of work and innovation, also of international scope. In particular, the objectives of the doctoral course provide for the mastery of theories, methodologies and technologies relating to the pedagogical, teaching and psychological areas functional to the pursuit of what is referred to in Components 1 and 2 of Mission 4 – consistent with both investments 3.4 and 4.1 (in reference to the public administration) of C1, and with the investment 3.3 of C2 - which provide for the strengthening of highly qualified research paths, with an international vocation, aimed at bridging the gap between the world of research, the world of education, the world of businesses and public administration. The increase of the country's development potential and the growth of the community in terms of inclusion, cohesion, emancipation, democracy, in the perspective of social and ecological sustainability, require, in fact, high levels of theoretical and planning awareness, methodological-procedural formalization and context transferability made possible through a fruitful connection between the world of research / training and the production and services system, both public and private, as well as a direct knowledge of the business context and the public administration pursued through intentionally planned periods of stay in companies and / or public administration offices. Very briefly and consistently with what is referred to in the PNRR, it is about increasing the reserve of human capital engaged in activities aimed at research and training, in the private sector as well as in the public administration, to strengthen entrepreneurship and the adaptability of businesses and the public administration to changes, with particular reference to the selection, management and development of human resources, with a view to modernization and innovation, as well as to support the processes of digital and ecological transition and social inclusion and cohesion (with careful attention to equal opportunities and socio-cultural vulnerabilities), in line with the aforementioned areas of interest and the horizontal principles of the PNRR.

Admission prerequisites:

All Master's Degrees or the corresponding Postgraduate Degrees or the corresponding Degrees obtained according to the system prior to Ministerial Decree 509/99 or the corresponding equivalent qualifications.

Admission procedures:

The selection will be based on the assessment of qualifications, research project 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: 22 September 2022 at 10:00.

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>