

Coordinator	Prof. Federica Ceci Department: Business Administration E mail : federica.ceci@unich.it
Duration	3 years - Starting date : November 1 st 2024
Disciplines	Accounting, Business Administration, Management, Organization Studies, Finance, Economics, and Political Economy
PhD Programme description	The AMBE doctoral program delves into cutting-edge research topics in the fields of accounting, management, organization, and applied economics and finance. The doctoral program is structured over three years. In the first year, students begin to develop their research project, with the opportunity to attend courses that deepen interdisciplinary and cross-cutting themes such as the logic, theories, and methodologies of scientific research, qualitative/quantitative and mixed-method approaches, advanced statistical and econometric analysis techniques, language skills for publishing in English, as well as specific seminars and courses in various disciplinary areas, such as accounting & finance, management & marketing, public sector management, and economics. Additionally, students have the chance to explore further innovative themes and methodologies during seminars held by leading scholars in their research area. From the second year of the doctorate, students continue with the execution of their thesis project, presenting and discussing a thesis in English at the end of the third year. Doctoral students are also required to spend part of their program at foreign universities (at least 6 months), as visiting PhD scholars, following a project shared with the foreign institution. The course enables the doctoral student, within their area of specialization, to develop the necessary skills and solid methodological foundations to carry out high-level research activities at a national and international level in companies, public administrations, and other public entities in topics falling within economic-business and economic disciplines. Additionally, the doctoral student will acquire the skills to communicate the results of their research both orally, at national and international conferences organized by relevant scientific societies, and in written form, through the publication of proceedings, contributions in collective works, articles in peer-reviewed journals, and/or scientific monographs. In terms of expected learning outcomes (scientific knowledge and research skills), at the end of the program, the new PhD graduate in Accounting, Management, and Business Economics will be able to independently develop a research project with appropriate methodology (quantitative and/or qualitative), use the main software dedicated to qualitative (e.g., NVIVO) and quantitative (e.g., STATA) research, and produce high-value national and international scientific publications.
PhD Website	https://www.scuolasuperiore.unich.it/offerta-formativa
Available positions	n. 8 positions of which: n. 3 scholarships funded by the University n. 1 scholarship co-funded by PNRR DM 630/24 and by Angelucci Trasporti Srl on the research topic: <i>Organizational impacts and operational peculiarities of the sustainability report in SMEs operating in the transport and logistics sector.</i> n. 1 scholarship co-funded by PNRR DM 630/24 and by Skill Eyd Lab Srls on the research topic: <i>Emerging technologies applied to the development and consolidation of skills in organizational contexts</i> n. 1 scholarship co-funded PNRR by DM 630/24 and by Innovalee Cube Srl on the research topic: <i>Open innovation and local innovation systems: a territorial and organizational analysis.</i> n. 2 positions reserved to employees (maintaining their salary) of the AST Ascoli Piceno Position 1) Control systems and innovation for the governance of Territorial Healthcare Companies Position 2) Management and innovation of the territorial healthcare network
Admission requirements	See art. 2 PhD Call 40 th cycle - Academic Year 2024/2025
Language	English knowledge is required

Date publication Selection

29th of July 2024

Exam date

The oral exam will take place starting from August 1st, at 9:00 AM in the Aula of the Department of Business Economics (DEA), Campus Pescara, located at Viale Pindaro, 42. The exam can be taken either in person or remotely at the candidate's discretion, according to the schedule and platform communicated by the Commission. Candidates who request to take the oral exam remotely will be contacted by the Commission via email to arrange the date and time of the interview.

Coordinator	Prof. Alessandro SARRA Department: Economic Studies email: alessandro.sarra@unich.it
Duration	3 years - Starting date : November 1 st 2024
Disciplines	Economics, Economic Policy, Econometrics, Applied Economics, Business Administration and Management, Management, Financial Markets and Institutions, Commodity Science, Economic Statistics, Informatics, Economic and Political Geography
PhD Programme description	The PhD program is focused on the study of the transformation processes that firms and production systems are undergoing to adapt to the rapidly changing socio-economic and technological scenarios that started in the first decade of 2000 and strengthened in the pandemic and post-pandemic era. The ASBI PhD program has a strongly applied connotation in the fields of economics, business and quantitative sciences. In particular, it will aim at addressing research problems and carrying out educational activities with an immediate impact on productive systems and institutions. This is in order to strengthen the relationships with the territory, encourage knowledge exchange and support policy choices. The topics, around which the research and teaching activities will be organized, include (but are not limited to): changes in business strategies; structural change in productive systems; current and expected effects of the diffusion of digital technologies at different levels; dematerialization of economies; territorial effects of economic and technological transitions, as well as the related public policies; processes of technological and organizational innovation and their impacts; models and tools for business data analysis; models and tools for multidimensional integrated communication; systems of performance evaluation and control for firms and productive systems; study of analytics for business digitalization processes; study of social and economic inequalities of the territory; economic-statistical analysis of big data and their integration with spatial data; study of artificial intelligence (AI) applications for business processes and strategies. The research topics are addressed at the business/firm level (microeconomic level) and at the productive system/sector level (meso-economic level). The doctoral students are required to spend abroad a period of six months throughout the three years carrying out research activities in internationally-recognised training and research organisations.
PhD Website	https://www.scuolasuperiore.unich.it/offerta-formativa
Available positions	n. 8 positions of which: n. 3 scholarships funded by the University n. 1 scholarship co funded by PNRR DM 630/24 and by CSVABRUZZO on the research topic: "The measurement and communication of the social impact of third sector entities in Abruzzo" n. 1 scholarship co funded by PNRR DM 630/24 and by Orbita Circolarmente on the research topic: "Urban mining and critical raw materials: analysis of technological-productive dynamics in circular economy contexts" n. 1 scholarship co funded by PNRR DM 630/24 and by GDP Analytics on the research topic: "Analysis, development and implementation of Large Language Models (LLM) for the purpose of retrieving and processing documents and business procedures" n. 1 position reserved to employees (maintaining their salary) of the Walter Tosto S.p.A. n. 1 position reserved to employees (maintaining their salary) of the Centro Servizi per il Volontariato Abruzzo ETS
Admission requirements	See art. 2 PhD Call 40 th cycle - Academic Year 2024/2025
Language	Knowledge of English language is required
Date publication Selection	7 th August 2024

Exam Date

The oral exam will take place on the 26th August 2024 at 10:00 a.m. in the classroom 10/12, situated in the Campus headquarters of Pescara, Viale Pindaro, 42 - Pescara.

Candidates who reside abroad will be allowed to carry out the exam in remote on the Microsoft Teams platform

Coordinator	Prof. Assunta PANDOLFI Department: Medical, Oral and Biotechnological Sciences E mail : assunta.pandolfi@unich.it
Duration	3 years - Starting date : November 1 st 2024
Disciplines	Analytical chemistry, General and inorganic chemistry, Organic chemistry, Pharmaceutical chemistry, Pharmaceutical and technological applications of chemistry, Biochemistry, Clinical biochemistry and molecular biology, Human anatomy, Medical statistics, Experimental medicine and pathophysiology, Microbiology and clinical microbiology, Medical and biotechnology laboratory techniques, Food sciences and dietetics.
PhD Programme description	The Ph.D. course, which is divided in two curricula, has the objective to prepare young scholars to research in the fields of medicinal chemistry, pharmaceutical sciences and molecular medicine. During the course the following topics will be developed: drug design, synthesis and delivery, active bio-products separation and characterization, studies of molecular mechanisms underlying human pathologies and infections by pathogenic microorganisms. To this end, particular emphasis will be put on the most updated methodologies of molecular, structural and cellular biology, bioinformatics and biostatistics, "omic" sciences as well as to innovative in vitro and animal models of human pathologies. A period of mobility abroad of at least six months is requested
PhD Website	https://www.scuolasuperiore.unich.it/offerta-formativa
Curricula	Pharmaceutical Sciences and Biotechnologies Molecular Medicine
Available positions	n. 11 positions of which: n. 3 scholarships funded by the University n. 1 scholarship co-funded by PNRR DM 630/24 and by COSMETIC TAILORS srl on the research topic: <i>"Development of innovative trichological formulations"</i> n. 1 scholarship co-funded by PNRR DM 630/24 and by VALAGRO-SYNGENTA Spa on the research topic: <i>"Extraction and characterization of bioactive molecules from natural and renewable sources for the formulation and delivery of new products for agriculture: towards circular economy practices"</i> n. 1 scholarship co-funded by PNRR DM 630/24 and by <i>WATERS, Micromass UK Limited</i> " on the research topic: <i>"Development and validation of a multiplex second-tier test by liquid chromatography tandem mass spectrometry for the simultaneous quantification of biomarkers of lysosomal storage diseases in dried blood spot samples"</i> n. 2 positions reserved to employees (maintaining their salary) of the Company ITEL s.r.l. n. 1 position reserved to employees (maintaining their salary) of the Company DOMPE' S.p.A. n. 1 position reserved to employees (maintaining their salary) of the ASReM (Azienda Sanitaria Regionale del Molise). n. 1 position reserved to employees (maintaining their salary) of the <i>WATERS, Micromass UK Limited</i>.
Admission requirements	See art. 2 PhD Call 40 th cycle - Academic Year 2024/2025
Language	English knowledge is required
Date publication Selection	August 2, 2024
Exam Date	The oral exam will take place in presence on the 5th of August 2024 at 9:00 a.m. at Department of Pharmacy - Campus of Chieti, via dei Vestini 31 66100 Chieti Scalo. If it is not possible for foreign candidates to carry out the exam in presence, the exam will be held in remote on the Microsoft Teams platform.

Coordinator	Prof. Riccardo PALUMBO - Department of Neuroscience, Imaging and Clinical Sciences email: r.palumbo@unich.it , Website: http://www.bbs.unich.it
Duration	3 years - Starting date: November 1 st , 2024
Disciplines	Economics, Business administration and management, Finance, Organization studies, Statistics, Mathematical methods of economy, Finance and actuarial sciences, General psychology, Psychobiology and physiological psychology, Developmental and educational psychology, Social psychology, Moral Philosophy, Demoethnoanthropological Disciplines,
PhD Programme description	The Ph.D in Business & Behavioural Sciences was born within the context of the latest behavioural and experimental shift that has revolutionized economics and management. Set with an interdisciplinary approach, the Ph.D aims at giving students the opportunity to learn the founding elements of the behavioural sciences – from an epistemic, theoretical and methodological point of view – and of their application in all of the areas of business (economics, finance, management, accounting, marketing, leadership, organizational behaviour). Future employment opportunities: the main employment opportunities for future Ph.D holders are in the managerial field, for medium-large companies (that are typically active on both a domestic and an international level). The future Ph.D holders interested in pursuing an academic career will be able to work in research centers (including non-university ones) or in other public and private bodies, in Italy or abroad. The Ph.D aims at making future students able to be employable for the following professional areas: - Managerial positions (for both private or public and profit or non-profit organizations); administration, accounting, marketing, HR. - Researcher in the Ph.D research areas. A visiting period for study and research purposes of at least 6 months is recommended.
PhD Website	https://www.scuolasuperiore.unich.it/offerta-formativa
Available positions	n. 6 positions of which: n. 3 scholarships funded by the University n. 1 scholarship co-funded by PNRR DM 630/2024 and by Umana Analytics S.r.l. on the research topic: <i>Analysis of the Effects of Group Phenomena on Purchase Decisions: Viral Marketing and Social Influence</i> n. 1 scholarship co-funded by PNRR DM 630/2024 and by Umana Analytics S.r.l. on the research topic: <i>Neuroaesthetics in Digital Communication: Enhancing User Experience by Integrating Aesthetic, Behavioral, and Neuroscientific Principles</i> n. 1 scholarship co-funded by PNRR DM 630/2024 and by Nicola Berardi Legnami S.a.s. and from the on the research topic: <i>Environmental Ethics: Developing an Ecological Networked Approach that Emphasizes the Human Role in a Bioethical Community and Its Vital Impact on Building a Sustainable Society, City, and Territory in the Face of Ongoing Changes"</i>
Admission requirements	See art. 2 PhD Call 40 th cycle - Academic Year 2024/2025
Language	English knowledge is required
Date publication Selection	5 August 2024
Exam date	The oral exam will take place remotely starting on the 26 of August 2024 at 10.00 am, on the Microsoft Teams platform.

Coordinator	Prof. Monica Berté Department: Humanities, Art and Social Science E mail: monica.berte@unich.it
Duration	3 years - Starting date: November 1 st 2024
Disciplines	Classical Archeology, Greek History, Greek Language and Literature, Roman History, Latin Language and Literature, Classical Philology, Romance Philology and Linguistics, Medieval Latin Philology and Literature, Palaeography, Medieval Art History, Modern Art History, Contemporary Art History, Museology, Art Criticism and Art Restoration
PhD Programme description	The present PhD programme aims at promoting the study of the cultural heritage of the Ancient world and, in particular, of the transmission of classical culture in its manifold themes and forms: the tradition of texts, documents and historical sources; the survival and recurrences of ancient art and literature; the evolution of writings and book forms. Classical civilization has deeply influenced the development of the European cultural heritage by engaging a productive dialectic between continuity and innovation in different periods and contexts. The PhD programme provides future scholars with highly specialized and up to date research tools and methods, in order to allow students to: 1) gain a thorough knowledge of both the material and conceptual dimensions of the transmission of the Classics; 2) understand and enhance the fundamental contribution of the Middle and Modern Ages in the process of acquisition and transmission of the Ancient culture. Although interdisciplinary, the programme is focused on a well-defined issue; it seeks to give specific methodological competences in the fields of palaeography and diplomatics, philology, critical analysis of literary texts and art works, historical, digital humanities, archeology and art historical sources. All such skills are necessary to a proper and solid research in the tradition, reception and interpretation of the ancients from the origins to our contemporary age. During three years, research periods abroad of at least six months are required.
PhD Website	https://www.scuolasuperiore.unich.it/offerta-formativa
Available positions	n. 3 positions of which: n. 2 scholarships funded by the University n. 1 scholarship funded by PNRR DM 629/24 thematic area "Cultural heritage" on the research topic "Works in pictures: Abruzzo's art rediscovered in the photographic collections of historical photo libraries" (Op.I Abruzzo)
Admission requirements	See art. 2 PhD Call 40 th cycle - Academic Year 2024/2025
Language	The knowledge of one of the following foreign languages is required: English, French, German
Date publication Selection	30 th July 2024
Exam date	The oral exam will take place on 5 th of August at 3.00 p.m. (Italy time zone) in Classroom A of the "Centre of Literature" situated in the Chieti Campus

Coordinator

Prof. Claudio Varagnoli
 Department: Architecture
 E mail : claudio.varagnoli@unich.it

Duration

3 years - Starting date : November 1st 2024

Disciplines

Disciplines of Civil Engineering and Architecture

PhD Programme description

The course trains specialists in the field of research on architectural design from an interdisciplinary perspective, encompassing the activities of planning, control and conservation of the built and natural environment, along those related to production and industrial design. This approach is integrated with the issues of environmental sustainability and risk management of cultural heritage to offer a wide range of cultural and operational specializations to doctoral students. The educational offer is divided into three curricula, to be understood as broad thematic areas that allow free exchange and in-depth study: Architectural and Urban Design; Architectural Technology and Design; Built Cultural Heritage. The planned activity privileges collaborations with foreign research institutions and universities that, where possible, allow doctoral students to obtain Italian and foreign degrees (co-tutored) and the possible additional certification of Doctor Europaeus or International Doctorate.

The PhD Students are required to spend a stay abroad for a minimum period of 6 months during the three years.

PhD Website

<https://www.scuolasuperiore.unich.it/offerta-formativa>

Available positions

n. 6 positions of which:

n. 2 scholarships funded by the University

n. 1 scholarship PNRR funded by DM 629/24, topic "Public Administration"

n. 3 scholarships co-funded by PNRR DM 630/24 on the research topic:

-The valorisation of historical routes in countries and regions of Mediterranean and Middle Eastern culture: urban regeneration policies and their relationship with natural landscape (co funded by Ente Parco Nazionale Maiella)

-New experiential paths as medium for promoting sustainable tourism in Maiella National Park (co funded by Ente Parco Nazionale Maiella)

-Eco System Design Innovation in the field of amplification and musical string instruments (co funded by MARKBASS)

Admission requirements

See art. 2 PhD Call 40th cycle - Academic Year 2024/2025

LM-3 Architettura del paesaggio, LM-4 Architettura e ingegneria edile-architettura, LM-4 c.u. Architettura e ingegneria edile-architettura (quinquennale), LM-10 Conservazione dei beni architettonici e ambientali, LM-11 Scienze per la conservazione dei beni culturali, LM-12 Design LM-23 Ingegneria civile, LM-24 Ingegneria dei sistemi edilizi, LM-35 Ingegneria per l'ambiente e il territorio, LM-48 Pianificazione territoriale urbanistica e ambientale, LM-49 Progettazione e gestione dei sistemi turistici, LM-53 Scienza e ingegneria dei materiali, LM-75 Scienze e tecnologie per l'ambiente e il territorio, LM-76 Scienze economiche per l'ambiente e la cultura LM-89 Storia dell'arte, LM-92 Teorie della comunicazione, LMR/02 Conservazione e restauro dei beni culturali, 3/S (specialistiche in architettura del paesaggio), 4/S (specialistiche in architettura e ingegneria edile), 10/S (specialistiche in conservazione dei beni architettonici e ambientali), 11/S (specialistiche in conservazione dei beni scientifici e della civiltà industriale), 12/S (specialistiche in conservazione e restauro del patrimonio storico-artistico), 13/S (specialistiche in editoria, comunicazione multimediale e giornalismo), 38/S (specialistiche in ingegneria per l'ambiente e il territorio), 54/S (specialistiche in pianificazione territoriale urbanistica e ambientale), 100/S (specialistiche in tecniche e metodi per la società dell'informazione), 101/S (specialistiche in teoria della comunicazione)

Language

English language knowledge is required

Date publication Selection

01.08.2024

Exam Date

The oral exam will take place on 20.08.2024, at 10.00 AM, in Dipartimento di Architettura- "Aula Consiglio" situated in Campus of Pescara, or in remote on Microsoft Teams platform if chosen by the candidate.

Coordinator	Prof. Marco Di Marzio Dipartimento: Dipartimento di Studi Socio-Economici, Gestionali e Statistici e-mail: marco.dimarzio@unich.it
Duration	3 years - Starting date : November 1 st 2024
Disciplines (Settori scientifico-disciplinari)	SECS-P/01, SECS-P/02, SECS-P/05, SECS-P/06, SECS-P/07, SECS-P/11, SECS-S/01, SECS-S/05
PhD Programme description	The PhD program in "Economics and Statistics" arises from the need to offer advanced educational and research capabilities explicitly designed to contribute to the study and interpretation of the profound economic, technological, and social changes underway. In a context already characterized by a persistent widening of economic and social disparities and growing concern about the environmental sustainability of existing production and consumption models, the pandemic crisis has caused further exacerbation, accelerating pervasive processes of ecological transition and digital transformation. The pursuit of objectives such as environmental preservation, combating climate change, and promoting the responsible use of natural resources, supported also by the large-scale integration and adoption of advanced digital technologies (which aim, through artificial intelligence, the Internet of Things, robotics, blockchain, etc., to improve efficiency, productivity, and quality of life through automation, connectivity, and facilitated access to information), entails radical and permanent systemic impacts. Understanding these impacts requires moving beyond traditional economic interpretative models and quantitative analysis tools in favor of innovative, diverse, and interdisciplinary approaches that can grasp the complexities and interconnections between various socio-economic dimensions (environmental, social, institutional, economic-financial, and technological). These processes of change involve a set of actors, resources, productive sectors, technologies, levels of government, and social interactions characterized by relationships and links (technological, social, cultural, institutional, and territorial) that tend to co-evolve over time. Therefore, the study of these phenomena and their socio-economic implications, the generation of robust scientific evidence, and the preparation of useful and transferable research results—to businesses, financial institutions, and policymakers—are activities that require, from their inception, the adoption of a holistic, interdisciplinary, and participatory perspective in which sustainability and inclusivity are guiding principles. In this context, the demand for highly trained professionals, such as PhD holders, equipped with theoretical and applied skills and knowledge capable of addressing socio-economic and environmental challenges with the necessary ecosystem approach, will grow rapidly at all levels: businesses, institutions, public bodies, research centers, and the education system. The PhD Students are required to spend a stay abroad for a minimum period of 6 months during the three years.
PhD Website	https://www.scuolasuperiore.unich.it/offerta-formativa
Available positions	n. 10 positions of which: n. 3 scholarships funded by the University N. 1 scholarship co-funded by PNRR DM 630/24 and by Futura Cargo on the topic "Evaluation of corporate sustainability performance: A study of experimental and cognitive economics on non-financial data and information, configuring one or more reference metrics." N. 1 scholarship co-funded by PNRR DM 630/24 and by Idea Positivo on the topic "CSR communication for organizations through mandatory (or voluntary) documents and new social media. The effects on reputational capital." N. 1 scholarship co-funded by PNRR DM 630/24 and by P&F Technology on the topic "How the design process funded by European Community funds changes with the scope of the NRRP: analysis of fund absorption through an Agent-Based Modelling (ABM) approach."

Admission requirements

Language

Date publication Selection

Exam date

n. 2 positions reserved to employees (maintaining their salary) of Municipality of Pescara on the topic "The creation of public value".

n. 2 positions reserved to employees (maintaining their salary) of P&F Technology Srl on the topic "Experimental economics in the field of European project planning"

See art. 2 PhD Call 40th cycle - Academic Year 2024/2025

English language knowledge is required

29 July 2024

The oral exam will take place on July 31, 2024 at 10 a.m. in classroom 3 in the DiSEGS department (yellow staircase, second floor) situated in Campus of Pescara – or in remote on Microsoft Teams platform if chosen by the candidate.

Candidates who request the remote exam will be contacted via email by the Commission to define the time of the interview

Coordinator	Prof. Luigi BERARDI Department: Engineering and Geology email: luigi.berardi@unich.it
Duration	3 years - Starting date : November 1 st 2024
Disciplines	GEO/09 Mining resources, mineralogic and petrographic applications for the environment and for cultural heritage; GEO/10 Solid Earth geophysics; ICAR/02 Hydraulic and marine constructions and hydrology; ICAR/06 Topography and cartography; ICAR/07 Geotechnics; ICAR/08 Structural mechanics; ICAR/09 Structural engineering; ICAR/10 Building design; ING-INF/05 Information processing systems; ING-INF/06 Electronic and informatics bioengineering; ING-IND/22 Materials science and technology; ING-IND/34 Industrial bioengineering
PhD Programme description	The PhD in Engineering Science was created to train on technical-scientific research for the development of innovative knowledge and solutions in various engineering fields following a multidisciplinary perspective in the current context of digital, environmental and health transition. The program strengthens the synergy between traditional areas in the panorama of international doctorates in engineering, such as construction and infrastructure in built environment, along with the analysis of relevant risks (seismic, hydrogeological, coastal), and more recent areas of innovation, such as sustainable materials, data-analysis for engineering, imaging technologies, biomaterials and biomechanics for biomedical engineering. The aim is to prepare PhD students for the development of innovative knowledge and solutions that will impact various societal challenges in the areas of sustainable infrastructure design and management, resilience and preparedness for extreme events, as well as customized solutions to support of the health and well-being of the individual. The multidisciplinary training is completed with in-depth study in specific areas within two curricula in "Engineering for Sustainable and Resilient Infrastructures" and "Engineering for Well-being and Health". The curriculum in "Engineering for Sustainable and Resilient Infrastructures" includes topics of technical-scientific innovation concerning the built environment, starting from the single building up to the network infrastructures on the urban or territorial scale, looking at sustainability and resilience with respect to various risks (e.g. hydrogeological, seismic, climatic). The main topics covered include: analysis, design and evaluation of safety of modern and historic buildings; geotechnical systems under natural and anthropogenic influence, using different evaluation scales, i.e. single, urban and regional scales; energy performance of buildings; analysis and management of hydraulic infrastructures in urban areas and with reference to coastal structures; innovative techniques for building engineering; modelling and testing of materials and structures; experimental investigations and advanced laboratory tests on soils; analysis and development of sustainable construction materials. The curriculum in "Engineering for Well-being and Health" tackles the development of innovative knowledge and solutions to support people's wellbeing and health. The multidisciplinary approach represents the methodological basis for wide opportunities to develop new knowledge, processes and products in various fields, including: advanced diagnostics, robotics, biomaterials, biomechanics, rehabilitation, telemedicine, assisted ambient living. To this end, novel technological opportunities are integrated with training on various topics of direct relevance to biomedical engineering including: "data analysis", "advanced signal and image processing" or "human-machine interaction". The training course and each of research projects developed by the PhD students in Engineering Science combine physically based system modelling, with experimentation and with the opportunities offered by artificial intelligence applied to the different research areas of the doctorate, while maintaining a pragmatic engineering approach to solving real-world problems.

Research is therefore encouraged on topics that have the ambition to reach new knowledge by translating it into process/product innovations with a direct impact on the society. Training and research activities will be carried out in university laboratories or in collaboration with partners from the private or public sector.

The Doctorate programme supports collaborations with foreign research institutions and universities, including those that are currently involved in various international research projects directly followed by the members of the PhD Board as well as cooperation agreements in Europe and outside Europe at Department of Engineering and Geology. The PhD Students are required to spend a stay abroad for a minimum period of 6 months during the three years.

PhD Website

<https://www.scuolasuperiore.unich.it/offerta-formativa>;

Available positions

n. 7 positions of which:

n. 2 scholarships funded by the University

n. 2 scholarships co-funded by the University and the Department of Engineering and Geology on the research topic: *"Structural safety of built heritage"*

n. 1 scholarship co-funded by PNRR DM 630/24 and by Comec Innovative S.r.l. on the research topic: *"Monitoring of physiological parameters through advanced sensors"*

n. 1 scholarship co-funded by PNRR DM 630/24 and by C.f.I. S.r.l. on the research topic: *"Innovative design of monitoring, control and recovery interventions for historic building infrastructures"*

n. 1 scholarship co-funded by PNRR DM 630/24 and by TecnoArt S.r.l. on the research topic: *"Adaptation interventions on existing viaducts: evaluation of effectiveness according to multi-criteria analyses"*

Admission requirements

See art. 2 PhD Call 40th cycle - Academic Year 2024/2025

Language

English language knowledge is required

Date publication Selection

July 31, 2024

Exam date

The oral exam will take place on August 27, 2024, at 9.30 a.m. in room 31 situated in Campus of Pescara.

Candidates who request to take the oral exam remotely will be contacted via email by the Commission to define the procedures for carrying out the test.

Coordinator	Prof. ANNA ENRICHETTA SOCCIO Department: Humanities, Art and Social Science E mail : enrichetta.soccio@unich.it
Duration	3 years - Starting date: November 1 st 2024
Disciplines	English, English Literature and Culture
PhD Programme description	The PhD course in "English Studies "is aimed at students interested in the acquisition of critical and cognitive tools that enable them to carry out specialized research in the field of English literature and linguistics, as well as in the cultural and disciplinary areas that may refer to them. In particular, the PhD course will develop disciplinary competences in the following areas of study: and research: 1) English Linguistics 2) Translation and Adaptation Studies 3) English Media and Accessibility 4) Studies on Multilingualism and Varieties of English 5) History of the English Language 6) English Stylistics 7) EAP and ESP 8) Multimodal Discourse Studies in English 9) TESL and TEFL 10) Teaching the English Language 11) Theories and Methods of Literary Discourse 12) Shakespeare and the Elizabethan Drama 13) Theatre Studies from 17th to 21th Century 14) Victorian ed Edwardian Studies 15) Modernism and Postmodernism 15) Postcolonial Literatures 16) Migration Studies 17) Anglo-Italian Studies The PhD Students are required to spend a stay abroad for a minimum period of 6 months during the three years.
PhD Website	https://www.scuolasuperiore.unich.it/offerta-formativa
Available positions	n. 6 positions of which: n. 3 scholarships funded by the University n. 1 scholarship co funded by PNRR DM 630/24 and British Institutes on the research topic: "ELT and Digital Media Strategies" n. 2 positions reserved to employees (maintaining their salary) of the Tribunale di Chieti on the following topics: "Common Law in the European Context: Linguistic and Cultural Implications" "Civil and Criminal Procedure: English Communication and Sociocultural Aftermath".
Admission requirements	See art. 2 PhD Call 40 th cycle - Academic Year 2024/2025
Language	English (advanced level) is required
Date publication Selection	5 th August 2024
Exam Date	The oral exam will take place on 28 th August 2024 at 10.00 a.m. situated in the Campus of Chieti, Via dei Vestini, 31, Chieti, or in remote on Microsoft Teams platform if chosen by the candidate.

Coordinator	Prof. Nicola Sciarra Department: DiSPuTer E mail: nicola.sciarra@unich.it
Duration	3 years - Starting date: November 1 st 2024
Disciplines	Italian accademic declaratories: GEO/02; GEO/03; GEO/04; GEO/05; GEO/06; GEO/07; GEO/08; GEO/09; GEO/10; GEO/11; L-ANT/08 (Items in Engineering Geology, Structural Geology, Geophysics, Planetary Geology, Geochemistry, Petrology, Geomorphology, Archaeology)
PhD Programme description	This Ph.D. project covers wide themes of the Earth Sciences in order to contribute to the definition of a researcher who can be competitive in numerous branches of scientific research and in the professional field. The general platform of the project includes topics covering natural and man-made environments, related hazards (geo-hydrological risk, seismic hazard and risk, seismic microzonation, environmental risk), geo-resources, and planetary geology. In this context, it is possible to develop specific doctoral topics capable of generating scientific and applicative spin-offs in line with an increasingly complex society. The research activity follows a first period of basic training, developing collaborations with research institutions and foreign universities that will allow doctoral students to eventually obtain Italian and foreign degrees (in co-tutorship) and possible additional certification as Doctor Europaeus or International Doctorate. The research topics will include: Applied Geology and Geomorphology, Hydrogeology, Multiscale Tectonics and 3D Seismotectonics, Planetary Sciences, Environmental and Cultural Heritage Protection, Geostatistics and Computational Modelling. Geology and Geomorphology applied to environmental management, today as never before are the basis for interconnected interdisciplinary research ranging from the current climatological analysis to that of the entire Quaternary compared to the Anthropocene, to the study of new geo-environmental hazard matrices compared with anthropogenic ones, to geological and geo-hydrological hazard assessment. This research approach is aimed at defining new visions of spatial planning related to short and long-term climate change impacts and the definition of adaptation strategies. The topics are approached with innovative and interconnected methodologies and technologies: from classical geomorphological ground surveying to digital and satellite mapping, to the assessment of natural susceptibilities with numerical and local seismic response modelling. The Geo-hydrological theme consists of the interrelationships between supply, circulation and emergence in aquifers as a function of meteorological, hydrological, hydrogeological and hydro-chemical experimental parameters; quantitative and qualitative implications on hydrodynamics, water chemistry and vulnerability of karst, fissured and porous aquifers also with the help of numerical analysis, mathematical modelling, hydrogeological mapping, subsurface geophysical exploration and interpretation of meteorological Radar data. The theme of Multiscale Tectonics and 3D Seismotectonics focuses on the study of tectonic deformation at regional and local scales, the genesis and evolution of orogenes and fault systems, the relationships between earthquakes and active, Quaternary and inherited geological structures, on earthquake source mechanisms and seismic hazard. Ph.D. students participating in the Planetary Sciences path will gain a comprehensive understanding of planetary geology through characterization of potential planetary analogues, remote sensing, theoretical modelling, planetary physics, astrobiology, spacecraft instrumentation and space mission development. The program provides the skills needed to participate in the dynamic space industry both in Europe and internationally. Current and future space missions include objectives as diverse as Mercury, Venus, Mars, asteroids, comets and other parts of the outer Solar System, gas giant planets and their satellites, to Kuiper Belt objects. The Environment and Cultural Heritage theme focuses on environmental problems and resources combined with the preservation of cultural heritage, from geotourism to

archaeometry, from pollution mitigation to the characterization of geo-complex materials or materials of archaeological or historical and artistic value. Scientific methodology is directed toward tools and new raw materials and sustainable processes for the purposes of ecological transition, green technology and the transition away from fossil fuels. This theme enables the development of the ability to analyse all kinds of materials from minerals to pigments, glasses, alloys, ceramic and high-tech materials as well as even hazardous ones such as asbestos and microplastics.

The PhD Students are required to spend a stay abroad for a minimum period of 6 months during the three years.

<https://www.scuolasuperiore.unich.it/offerta-formativa>

n. 12 positions of which:

n. 3 scholarships funded by the University

n. 3 scholarships co funded by PNRR DM 630/24 on the research topics:

- 1) Coding the Genetic algorithms to optimise the mechanical improvement of soil and rock masses; (co funded by Algoritmi QA)
- 2) Development of industrial processes for the recycling of end-of-life photovoltaic systems in metallic Si and Cd-Te; (co funded by Teate Ecologia)
- 3) Italian fluritites: a study for their sustainable industrial exploitation (co funded by SO.RI.CO.M.)

n. 1 scholarship funded by Abruzzo Region on the research topic: Bio-geomorphological studies on Adriatic Coast

n. 1 scholarship funded by the Italian Spatial Agency on the research topic: Geological mapping of lunar landing sites and the MATISSE webtool

n. 4 positions reserved to employees (maintaining their salary):

n. 2 by the 'Geophysics and Vulcanology National Institute (INGV),

n. 2 by the Ripa Teatina (CH) Municipal Administration

See art. 2 PhD Call 40th cycle - Academic Year 2024/2025

Si precisa che potranno partecipare solo i laureati nelle discipline successivamente indicate:

- CLASSE LM02 - Archeology
- CLASSE LM03 – Landscape Architecture
- CLASSE LM04 – Architecture and Building Engineering-Architecture
- CLASSE LM06 - Biology
- CLASSE LM10 - Preservation of Architectural and Environmental Heritage
- CLASSE LM17 - Physics
- CLASSE LM23 - Civil Engineering
- CLASSE LM24 - Building Systems Engineering
- CLASSE LM29 - Electronics Engineering
- CLASSE LM35 - Environmental Engineering
- CLASSE LM44 - Mathematical-Physical Modelling for Engineering
- CLASSE LM74 - Geological Sciences and Technologies
- CLASSE LM75 - Science and Technology for the Environment and the Territory
- CLASSE LM79 - Geophysical Sciences

English knowledge is required.

31 July 2024

The oral test (interview) will be held on 5 August 2024, starting at 9:00 a.m., in the INGEO Department Meeting Room - 4th floor, former Rector's Office building at the University Campus Madonna delle Piane - Chieti Scalo.

Candidates who request to take the oral test remotely will be contacted by e-mail by the Commission to define the date and time of the interview.

PhD Website

Available positions

Admission requirements

Language

Date publication Selection

Exam Date

Coordinator	Prof. Oriana TRUBIANI Department: Advanced Technologies in Medicine & Dentistry E mail : oriana.trubiani@unich.it
Duration	3 years - Starting date : November 1 st 2024
Disciplines	BIO/12, BIO/13, BIO/14, BIO/16, BIO/17, MED/07, MED/08, MED/09, MED/14, MED/17, MED/18, MED/20, MED/24, MED/28, MED/35, MED/38, MED/41, MED/50.
PhD Programme description	The aim of the Doctoral course is to identify multidisciplinary biomedical research methodologies that allow the analysis of the pathogenesis, diagnostic and prognostic pathways and the therapeutic approach of various clinical syndromes. The course aims to train professional researchers with specific technical skills on the topics proposed by the doctoral course, but also with relational and cultural skills that allow them to properly express themselves in any field of clinical research at national and international level, responding perfectly to the new highly specialized profiles required by the job market. The major aims proposed by the Doctoral Course are: - development and testing of innovative therapies in the treatment of oral pathologies and systemic diseases - evaluation of the therapeutic efficacy of the Regenerative Medicine in the repair, regeneration and replacement of cells / tissues / organs to restore compromised physiological functions - study of cellular signaling related to the regulation of biological functions as a platform for the development of new therapeutic approaches. - evaluation of the clinical advantages and surgical performance associated with the minimally invasive / robotic surgical approaches in complex surgical procedures. The PhD Students are required to spend a stay abroad for a minimum period of 6 months during the three years.
PhD Website	https://www.scuolasuperiore.unich.it/offerta-formativa
Available positions	n. 11 positions of which: n. 3 scholarships funded by the University n. 2 scholarships co-funded by PNRR DM 630/24 on the research topic: - <i>New postbiotics for the development of strategies aimed to the skin health care and beyond</i>, co-funded by BioGaia AB. - <i>Bovine Pericardium membrane with and without holes in neovascularization and inflammation processes</i>, co-funded by Assut Europe spa. n. 1 scholarship reserved to graduate from foreign universities on the research topic: <i>"Development and validation of DBS-based for rapid detection of antibodies against newly emerging/reemerging infectious diseases"</i>. n. 1 position without scholarship n. 3 positions reserved to employees (maintaining their salary) of the ASL 02 Lanciano-Vasto-Chieti n. 1 position reserved to employees (maintaining their salary) of the ADRIA MED srl
Admission requirements	See art. 2 PhD Call 40 th cycle - Academic Year 2024/2025
Language	English knowledge is required
Date publication Selection	July 31 st 2024
Date exam	The oral exam will take place on 1 st of August 2024 at 09.00 a.m. situated in the Aula 40 Building A/NPD, Campus of Chieti, Via dei Vestini, 31- Chieti Scalo – or in remote on Microsoft Teams platform if chosen by the candidate.

Coordinator	Prof. Maurizio BERTOLLO - Department: Medicine and Ageing Sciences email: maurizio.bertollo@unich.it
Duration	3 years - Starting date : November 1 st 2024
Scientific areas	02;05; 06; 11
Disciplines	M-EDF/01, M-EDF/02; M-PSI/02; BIO/08, BIO/13, FIS/07, MED/09, MED/33; MED/34, MED/48, MED/49,
PhD Programme description	The interuniversity doctoral research program in Kinesiology is activated at the University G. d'Annunzio of Chieti and Pescara in association with the University Niccolò Cusano with a general agreement for cooperation with the University of Thessaly and the University of Rouen-Normandie and many other international opportunities for mobility and lab experience. The PhD program aims to develop a solid research training in the field of Kinesiology, which is defined as an academic subject that examines physical movement and its effects on "health, society, and quality of life". The PhD in Kinesiology uses evidence-based research to improve movement and performance and to treat and prevent injury and disease. In particular, the program is devoted to enhancing the understanding of the processes and mechanisms underlying the development, maintenance, and improvement of human motor behavior and performance. We use a multimodal and multidisciplinary approach that combines the Sciences and the Humanities perspectives to understand how physical activity, exercise, and sport may contribute to human well-being and health, and how to optimize human performance in any field of life (e. g. well-being and health, sport, art, job). The areas of research include the broad domain of biological, physiological, biomechanical, behavioral, and psychosocial factors influencing human movement, and the analysis of social and cultural transformations related to the role and functions of physical activity in health, well-being, sport, and physical education. Moreover, it will cover specific fields such as chronic disease prevention, exercise and brain aging, and rehabilitation. In the framework of the current theories of Kinesiology, the PhD program addresses questions regarding perception, cognition, and action, how brain, body and behavior interact and develop during the lifespan in different settings. The specificity of our approach resides in the integration of behavioral, biological, and psychological data with functional brain monitoring, respectively performed with biomechanical, biomedical, and psychophysical methods. The international vocation of the PhD is expressed in the involvement of foreign universities and the development of an international training network at a doctoral level, providing opportunities for students' exchange and mobility. Students will be trained in planning and accomplishing original projects inspired by the principles of hypothesis-driven and evidence-based research, grounding teaching, and the Interpretative Phenomenological Analysis. The PhD program will provide students with: - Key theoretical and applied expertise to engage in and carry out high quality research activities in academic, private, and public sectors. - A multi-disciplinary and cross-sectoral understanding of kinesiology, sport, and exercise. - Key theoretical and applied expertise for the development, conduction, and completion of original projects motivated by hypothesis-driven and evidence-based principles, grounding teaching, as well as Interpretative Phenomenological Analysis. Precisely, the PhD program will provide a high-level training in the following areas: - Planning, executing, and reporting research projects and results based on a proficient understanding of scientific literature, conventional and advanced methodologies, experimental designs, and protocols. - Mastering of physiological, biological, psychological, pedagogical, and methodological research techniques using innovative tools and techniques, and their application to various experimental models. - Use of psychophysiological and kinesiological tools for data collection.

- Use of statistical packages for the management, transformation, and analysis (i.e., qualitative, and quantitative methods) of experimental data in physiological, biological, psychological, pedagogical, and methodological research.
 - Development of essential communication skills, including scientific writing and oral dissemination.
 - Understanding of the essential research organizational streams of funding and protection of intellectual property, including international and national funding systems, metrics of evaluation for scientific productions, and policies for the exploitation of research results.
 - Enhanced knowledge and awareness of what comprises both physical and mental health, and their connection to physical activity.
 - Development of healthy lifestyle habits to promote overall wellness.
 - Understanding the principles for the improvement of motor skills and the development of muscle strength.
 - Improving one's understanding of human kinetics.
 - Improving health and physical activity in connection to specific diseases.
- The PhD Students are required to spend a stay abroad for a minimum period of 6 months during the three years.

Available positions

PhD Programme description

Available positions

n. 7 places of which:

n. 2 scholarships funded by the University

n. 2 scholarships co-funded by PNRR funds DM 630/24 and by the Federazione Ciclistica Italiana (FCI) on the following research topics:

1) Bike touring and sustainable mobility;

2) Development model of sport participation in cycling and Career development

n. 1 scholarship co-funded by PNRR DM 630/24 and by the SportInnovationhub on the research topic: Sport innovation. Technology for Health Enhancing Physical Activity

n. 1 scholarship co-funded by PNRR DM 630/24 and by Il Bosso on the research topic: Physical Exercise in natural environments and health

n. 1 scholarship co-funded by PNRR DM 630/24 and by the Sportanalytics on the research topic: Investigating Embodied Decision Making in Dynamic Sport Environments.

See art. 2 PhD Call 40th cycle - Academic Year 2024/2025

English knowledge is required

Admission requirements

Language

Publication of Preselection

Exam date

The list of the students admitted to the oral exam will be published on July 30th 2024

The oral exam will take place in English on August 2nd 2024 at 9 a.m. on the TEAMS platform. (The link will be provided directly to the candidates after the closure of the application)

Coordinator	Prof. Persida LAZAREVIC Department: Modern Languages, Literatures and Cultures email: persida.lazarevic@unich.it
Duration	3 years - Starting date : November 1 st 2024
Disciplines	Cinema, photography and television (L-ART/06); Romance philology and linguistics (L-FIL-LET/09); Italian literatures (L-FIL-LET/10); Contemporary Italian literature (L-FIL-LET/11); Literary criticism and comparative literature, (L-FIL-LET/14); Germanic philology (L-FIL-LET/15); Glottology and linguistics (L-LIN/01); Didactics of modern languages (L-LIN/02); French literature (L-LIN/03); Language and translation – French (L-LIN/04), Spanish literature (L-LIN/05); Spanish Languages (L-LIN/07), English literature, (L-LIN/10); Anglo-American languages and literatures (L-LIN/11); Language and translation - English (L-LIN/12); German literature (L-LIN/13); Language and translation - German (L-LIN/14); Slavic studies (L-LIN/21); Arabic language and literature (L-OR/12); Language and literatures of China and Southeast Asia (L-OR/21); Contemporary history (M-STO/04); Economic and political geography (M-GGR/02).
PhD Programme description	The PhD programme aims at the advanced study of the phenomena of contact between languages, literatures and cultures. The category of “contact” marks the history of civilisations and constitutes an indispensable part of cultural heritage. The field of study is characterised by the transversal nature of the discipline and the multiplicity of research (linguistics, literature, history, cultural studies, psychology and sociology, anthropology and ethnography, new media, artistic and communication languages) with further possible disciplinary branches, united by the theoretical centrality and heuristic value of the “contact” paradigm. The course of study focuses on transnational themes such as; (1) migratory movements and their linguistic, literary and cultural influences, both because of the richness of their history and the topicality of the phenomena that characterises our current day culture, and also because of the theoretical and conceptual complexity that their study entails; (2) the dynamics of the formation of identity and otherness, including their effects on processes of cultural hybridisation, such as travel literature and tourism. Another line of study on which the course focuses is translation and intercultural mediation, intertextuality and intersemiotic practices, and the phenomena of exchange of cultural, symbolic and social capital. The PhD provides an obligatory stay abroad for a minimum period of 6 months in the three years. https://www.scuolasuperiore.unich.it/offerta-formativa
Available positions	n. 5 positions of which: n. 3 scholarships funded by the University n. 1 scholarship co-funded by PNRR DM 630/24 and by Società Geografica Italiana ETS on the research topic: “Tourist itineraries as a means to promote local culture and achieve sustainable regeneration in Southern Italy”. n. 1 scholarship co-funded by PNRR DM 630/24 and by Di Tonno & Partners on the research topic: “Russian culture in Italy through places of religious interest. Mapping, description and vocabulary of an uninterrupted dialogue”.
Admission requirements	See art. 2 PhD Call 40 th cycle - Academic Year 2024/2025
Language	Knowledge of the English language, Italian for students whose mother tongue is not Italian.
Date publication Selection	August 1, 2024
Exam date	The oral exam will take place on August 2, 2024 at 09:30 a.m. in the Classroom 27/B, situated in the Campus headquarters of Pescara, Viale Pindaro, 42 - Pescara. The foreign candidates, and foreign resident Italian candidates may choose a remote oral exam (Microsoft Teams Platform).

Coordinator

Prof. Federico BRIOLINI
Department of Legal and Social Sciences
email: federico.briolini@unich.it

Duration

3 years - Starting date : November 1st 2024

Disciplines

GIUR-02/A – Business Law
GIUR-06/A – Administrative and Public Law
GIUR-08/A – Tax Law

PhD Programme description

The Ph.D. programme in Legal Sciences for Sustainability, Ecological Transition and Innovation is characterized by the integrated application of methodologies and approaches borrowed from the various disciplinary contexts of reference to interdisciplinary topics of transversal interest, which concern the common area of the legal problems of sustainability, ecological transition and innovation. The course will first of all be called upon to enhance the role of private law as a tool for improving the environmental quality and governing the changes associated with the development of new technologies, with a view to redefining the fundamental categories of contract and consumer law, as well as the system of civil liability, as well as property and the classic theory of goods in a more modern key, more inclusive and aimed at enhancing the social utility and the functionalization of certain entities. In the same perspective, the role of private law will assume centrality in the protection and promotion of the complex of legal situations closely linked to the concept of person and social formation, essential references in the legal declination of sustainability, ecological transition and technical-scientific innovation and legislation. In business law, the topics being studied and researched will primarily concern corporate sustainability, the impact on human rights and the environment of the activities of companies and their partners along the entire value chain. In this context, among other things, the topics of benefit companies, Corporate Social Responsibility, the cc.dd. ESG factors, of Green Finance, and the implications of national and supranational regulatory texts will be assessed, such as the Directive on the declaration of non-financial information and the proposal for a European Directive on the duty of diligence of companies for sustainability purposes.

In labor law, research will be carried out taking into account the constant evolution of the discipline and the transformation undergone by the organizational models of production and work. The issues involved will concern changes in the labor market, the effects of the dematerialisation of work performance, also with regard to the time and place of work, the multilevel regulatory production on new forms of work on platforms, the environmental dimension of job protection and of employment and the development of more inclusive systems of industrial relations, including transnational ones, projected towards the protection of employment in all its forms and along the global supply chains, economic-social and employment transitions, the adaptation of social protection systems sustainably and universally. From the point of view of constitutional and public law, the processes of ecological transition and the related developments of technological innovation tools will be taken into consideration, which generate a profound impact on the structures and forms of intervention of the system of public authorities in the economy and in environmental protection policies in its various aspects and push for a renewed scientific reflection regarding the new strategies and forms of public intervention in the economy, the system of integrated sources in the EU and global context, the form of government of the States in the context of the EU institutions, the protection of individual rights, the processes of redistribution of wealth according to equality and social and territorial cohesion. In the field of tax law, research will start from the need to modernize and make the financial and tax systems of the States functional to the objectives, reshaping the welfare area, rationalizing public spending, orienting the tax systems in view of the ecological transition and environmental sustainability, also modernizing and functionalizing the

procedures for implementing the tax levy, the obligations of taxpayers and the mechanisms for controlling and combating evasion.

In the perspective of international law and of the European Union, the theme of environmental sustainability will be placed at the center of the analyzes which has assumed ever greater importance in recent decades and today constitutes a central pillar both for the international community and for the EU, where the CD. The 2019 Green Deal placed the issues of ecological transition, climate neutrality, resilience to climate impacts and the digital transition at the center of European policies up to 2050.

The PhD Students are required to spend a stay abroad for a minimum period of 6 months during the three years.

PhD Website

<https://www.scuolasuperiore.unich.it/offerta-formativa>

Available positions

n. 4 positions of which:

n. 3 scholarships funded by the University

n. 1 scholarship funded by PNRR DM 629/24 thematic area "Public administration" on the topic: "Government, organization, and strategic management of public administrations"

Admission requirements

See art. 2 PhD Call 40th cycle - Academic Year 2024/2025

Language

English knowledge is required

Date publication Selection

July 31, 2024

Exam date

The oral exam will take place on August 29, at 9:30 a.m., in the Department of Legal and Social Sciences, situated in Pescara Campus (viale Pindaro n. 42, 65127 Pescara). For candidates living abroad, the exam will be held in remote on the Microsoft Teams platform (on request).

Coordinator	Prof. Stefania Fulle Department: Neuroscience Imaging and Clinical Sciences E mail : Stefania.fulle@unich.it
Duration	3 years - Starting date : November 1 st 2024
Disciplines	Physiology, Biochemistry, Clinical biochemistry and clinical molecular biology, Pharmacology, Human anatomy, Cardiovascular diseases, Oral diseases and dentistry, Eye diseases, Applied medical techniques, Medical and biotechnology laboratory techniques
PhD Programme description	The PhD course is aimed at preparing researchers graduated in different scientific disciplines such as medical, biomedical, and biotechnological areas. The Course will allow to achieve skills related to the use of innovative techniques and methods (genomics, proteomics, metabolomics) to make the adaptive, pharmacological, and technological approaches of regenerative and/or reconstructive medicine more effective in order to address issues related to age-induced changes and/or from different pathophysiological states in specific human tissues and systems. In particular, techniques involving the use of stem cells and innovative scaffold will be applied and developed to face problems associated with repair and/or restoration processes of skeletal muscle, heart, bone tissue, ocular tissue, and the central nervous system. Some pathologies such as cardiovascular diseases, inflammation, and different neoplasm types will be investigated with biotechnological approaches in order to identify and develop both early markers of the pathogenesis and new therapeutic/formulative approaches. Other research topics include the development of innovative pharmaceutical forms and the spatial control of biotechnological drug delivery with the aid of pharmaceutical nanotechnology. In the odontostomatologic area, the research fields will concern: the biological properties and the clinical use of several biomaterials used for bone regeneration; the combination of stem cells and biomaterials for tissue repair applications; and the application of diagnostic methods such as in vivo confocal microscopy allowing a precise assessment of the functional damage. Artificial intelligence will also be used to predict healing. The PhD Students are required to spend a stay abroad for a minimum period of 6 months during the three years
PhD Website	https://www.scuolasuperiore.unich.it/offerta-formativa
Available positions	n. 8 positions of which: n. 3 scholarships funded by the University n. 1 scholarship co funded by PNRR DM 630/24 and CNR Faenza on the research topic: "Study of three-dimensional scaffold-based cellular models of different tumour niches" n. 1 scholarship co funded by PNRR DM 630/24 and CNR Faenza on the research topic: "Development of biomaterials responsive to different stimuli for regenerative medicine" n. 1 scholarship co funded by PNRR DM 630/24 and TecnoSS Dental on the research topic: "Synergy between research and enterprise for the technological advancement of innovative collagen biomaterials in regenerative dentistry: evaluation of osteogenic and angiogenic potential in vitro and in vivo" n. 1 position without scholarship reserved for graduated abroad n. 1 position without scholarship
Admission requirements	See art. 2 PhD Call 40th cycle - Academic Year 2024/2025 Master's degrees admitted: LM-6 Biologia, LM-6 R Biologia, LM-7 Biotechnologie agrarie, LM-7 R Biotechnologie agrarie, LM-8 Biotechnologie industriali, LM-8 R Biotechnologie industriali, LM-9 Biotechnologie mediche, veterinarie e farmaceutiche, LM-9 R Biotechnologie mediche, veterinarie e farmaceutiche, LM-13 Farmacia e farmacia industriale, LM-13 R Farmacia e farmacia industriale, LM-13: Farmacia e farmacia industriale, LM-17 Fisica, LM-17 R Fisica, LM-18 Informatica, LM-21 Ingegneria biomedica, LM-21 R Ingegneria biomedica, LM-22 Ingegneria chimica, LM-22 R Ingegneria chimica, LM-40 R Matematica, LM-41 Medicina e chirurgia, LM-41 R Medicina e chirurgia

LM-42 Medicina veterinaria, LM-42 R Medicina veterinaria, LM-46 Odontoiatria e protesi dentaria, LM-46 R Odontoiatria e protesi dentaria, LM-51 Psicologia, LM-51 R Psicologia, LM-53 Scienza e ingegneria dei materiali, LM-54 Scienze chimiche, LM-54 R Scienze chimiche, LM-55 Scienze cognitive, LM-55 R Scienze cognitive, LM-60 Scienze della natura, LM-60 R Scienze della natura, LM-61 Scienze della nutrizione umana, LM-61 R Scienze della nutrizione umana, LM-67 Scienze e tecniche delle attività motorie preventive e adattate, LM-67 R Scienze e tecniche delle attività motorie preventive e adattate, LM-68 Scienze e tecniche dello sport, LM-68 R Scienze e tecniche dello sport, LM-69 Scienze e tecnologie agrarie, LM-69 R Scienze e tecnologie agrarie, LM-70 Scienze e tecnologie alimentari, LM-70 R Scienze e tecnologie alimentari, LM-71 Scienze e tecnologie della chimica industriale, LM-71 R Scienze e tecnologie della chimica industriale, LM/SNT1 Scienze infermieristiche e ostetriche, LM/SNT2 Scienze riabilitative delle professioni sanitarie, LM/SNT3 Scienze delle professioni sanitarie tecniche, LM/SNT4 Scienze delle professioni sanitarie della prevenzione, LM/SC Scienze criminologiche applicate all'investigazione e alla sicurezza, LM-67. Scienze e tecniche delle attività motorie preventive e adattate (abilitazione A030), LM-68. Scienze e tecniche dello sport (abilitazione A030), 6/S (specialistiche in biologia), 7/S (specialistiche in biotecnologie agrarie), 8/S (specialistiche in biotecnologie industriali), 9/S (specialistiche in biotecnologie mediche, veterinarie e farmaceutiche), 14/S (specialistiche in farmacia e farmacia industriale) 20/S (specialistiche in fisica), 26/S (specialistiche in ingegneria biomedica), 46/S (specialistiche in medicina e chirurgia), 47/S (specialistiche in medicina veterinaria), 52/S (specialistiche in odontoiatria e protesi dentaria), 53/S (specialistiche in organizzazione e gestione dei servizi per lo sport e le attività motorie), 58/S (specialistiche in psicologia), 62/S (specialistiche in scienze chimiche), 63/S (specialistiche in scienze cognitive), 69/S (specialistiche in scienze della nutrizione umana), 75/S (specialistiche in scienze e tecnica dello sport), 76/S (specialistiche in scienze e tecniche delle attività motorie preventive e adattate), 77/S (specialistiche in scienze e tecnologie agrarie), 78/S (specialistiche in scienze e tecnologie agroalimentari), 81/S (specialistiche in scienze e tecnologie della chimica industriale), 92/S (specialistiche in statistica per la ricerca sperimentale), SNT_SPEC/1 (specialistiche nelle scienze infermieristiche e ostetriche), SNT_SPEC/2 (specialistiche nelle scienze delle professioni sanitarie della riabilitazione), SNT_SPEC/3 (specialistiche nelle scienze delle professioni sanitarie tecniche), SNT_SPEC/4 (specialistiche nelle scienze delle professioni sanitarie della prevenzione)

Language

English knowledge is required

Date publication Selection

05/08/2024

Exam Date

The oral exam, for candidates residing and/or domiciled in Italy, will take place on August 21st 2024 at 9.30 a.m. at the Department of Neuroscienze, Imaging e Scienze Cliniche, Nuovo Polo Didattico Palazzina B, situated in Campus of Chieti (Via dei Vestini 29 – 66013 Chieti Scalo) – or in remote on Microsoft Teams platform for candidates residing and/or domiciled abroad. The candidates that will held the exam in remote, will be contacted by e-mail by the Commission to define the date and time of the interview.

Coordinator	Prof. Emma Di Carlo Department: Department: Medicine and Sciences of Aging E-mail: edicarlo@unich.it
Duration	3 years - Starting date: November 1, 2024
Disciplines	Pathological Anatomy, Medical Genetics, Medical Oncology, Applied Medical Technical Sciences, Laboratory Medicine Technical Sciences, Applied Dietetic Technical Sciences, Internal Medicine, Pediatrics, Dermatology, Gynecology, Neurology, Pharmacology.
PhD Programme description	Program Description The worldwide increase in the rate of cancer incidence urges the development of new prevention strategies and innovative cancer treatments based on a multidisciplinary approach and tailored to a particular oncological disease of a specific patient. The PhD program in "Molecular Oncology and Tumor Immunology" will benefit from the expertise of researchers and scientists from Universities, International Research Institutes and Centers specialized in cancer patient care. Students of the PhD program will attend a variety of courses, such as Experimental and Clinical Oncology, Anatomic Pathology and Molecular Diagnostics, Cancer Genetics, Cancer Immunology, Immunotherapy and Innovative Cancer Therapies, Internal Medicine, Laboratory Techniques, Pediatric Oncology and Onco-hematology, Onco-dermatology, Management of Venous Thromboembolism in Cancer Patients, Management of Neurological Disease in Cancer Patients, Gastrointestinal Oncology, Fertility and Reproduction in Cancer Patient, Urologic Oncology, Nutrition Science, Clinical Trials Management and Coordination, and Ethics and Regulations in Scientific Research. Graduate students will be assisted in their theoretical and practical training by the members of the PhD committee, which will cooperate synergistically to foster the acquisition of the tools and skills in the field of Experimental and Clinical Oncology, necessary to conduct original research, to develop innovative and effective technologies for disease diagnosis and treatment customization, and for the development of multidisciplinary approaches to cancer management. The identification of new diagnostic and prognostic markers and the development of treatments based on the immunological, genetic, and clinical-pathological profile of a patient's tumor, foresee a complex path, which involves the investigation of the environmental, nutritional, genetic and immunological factors involved in the etiopathogenesis of the tumors. The program curriculum envisages the acquisition of skills/competence for the development and the fine-tuning of novel therapeutic strategies and their validation in both, in vitro and in vivo models of disease, and their final application into the clinical setting, as well as the development of a holistic approach to cancer patient care. Objectives The PhD Program in "Molecular Oncology and Tumor Immunology" aims to provide its graduates with both practical and theoretical knowledge on a multidisciplinary and customized approach to cancer care and management that goes beyond the traditional single discipline strategies and their generic application. With this objective in mind, the doctoral program will emphasize interdisciplinary collaborations, critical thinking, and the acquisition of key skills, through mentoring and tutoring, lectures (in Italian and in English), seminars, lab work, participation in conferences, in clinical research, and internships in Universities, International Research and Clinical Care Centers, and/or in pharmaceutical and biomedical companies giving each graduate student the tools they need to reach the breadth of their potential. The PhD program aims to provide highly qualified graduates destined for the worlds academia, scientific communication/journalism, biomedical and pharmaceutical research, clinical care, and the biopharmaceutical industry.

PhD Website

Available positions

The PhD Students are required to spend a stay abroad for a minimum period of 6 months during the three years.

<https://www.scuolasuperiore.unich.it/offerta-formativa>

n. 5 positions of which:

n. 2 scholarships funded by the University

n. 2 scholarships co-funded by PNRR DM 630/24 and by Fondazione IRCCS Istituto Nazionale dei Tumori di Milano on the following topics:

- topic n. 1 *"Dissecting metabolic regulation of anticancer immunity for the development of new cancer therapy and prevention strategies"*.
- topic n. 2 *"Development of algorithms based on the characterization of the immunological profile for the prediction of the clinical benefit of immunological therapy of tumors"*.

Admission requirements

See art. 2 PhD Call 40th cycle - Academic Year 2024/2025

One of the following Bachelor's degrees is required:

LM-6 Biology

LM-6 R Biology

LM-8 Industrial Biotechnology

LM-8 R Industrial Biotechnology

LM-9 Medical, Veterinary and Pharmaceutical Biotechnology

LM-9 R Medical, Veterinary and Pharmaceutical Biotechnology

LM-13 Pharmacy and Industrial Pharmacy

LM-13 R Pharmacy and Industrial Pharmacy

LM-13. Pharmacy and Industrial Pharmacy

LM-18 Computer Science

LM-19 Information and Publishing Systems

LM-21 Biomedical Engineering

LM-21 R Biomedical Engineering

LM-22 Chemical Engineering

LM-22 R Chemical Engineering

LM-25 Automation Engineering

LM-41 Medicine and Surgery

LM-41 R Medicine and Surgery

LM-42 Veterinary Medicine

LM-42 R Veterinary Medicine

LM-44 Mathematical-Physical Modeling for Engineering

LM-44 R Mathematical-Physical Modeling for Engineering

LM-46 Dentistry and Dental Prosthetics

LM-46 R Dentistry and Dental Prosthetics

LM-53 Materials Science and Engineering

LM-54 Chemical Sciences

LM-54 R Chemical Sciences

LM-55 Cognitive Sciences

LM-55 R Cognitive Sciences

LM-59 Public, Business and Advertising Communication Sciences

LM-59 R Public, Business and Advertising Communication Sciences

LM-60 nature

LM-60 R Natural sciences

LM-61 Human nutrition sciences

LM-61 R Human nutrition sciences

LM-67 Preventive and adapted motor activity sciences and techniques

LM-67 R Preventive and adapted motor activity sciences and techniques

LM-68 Sports sciences and techniques

LM-68 R Sports sciences and techniques
LM-70 Food sciences and technologies
LM-70 R Food sciences and technologies
LM-71 Industrial chemistry sciences and technologies
LM-71 R Industrial chemistry sciences and technologies
LM-82 Statistical sciences
LM-82 R Statistical sciences
LM/SNT1 Nursing and midwifery sciences
LM/SNT2 Rehabilitation sciences of health professions
LM/SNT3 Sciences of technical health professions
LM/SNT4 Sciences of prevention health professions
LM-67. Preventive and adapted motor activity sciences and techniques (qualification A030)
LM-53. Materials engineering
6/S (biology majors)
8/S (industrial biotechnology majors)
9/S (medical, veterinary and pharmaceutical biotechnology majors)
14/S (pharmacy and industrial pharmacy majors)
26/S (biomedical engineering majors)
27/S (chemical engineering majors)
46/S (medicine and surgery majors)
47/S (veterinary medicine majors)
52/S (dentistry and dental prosthetics majors)
61/S (materials science and engineering majors)
62/S (chemical science majors)
63/S (cognitive science majors)
68/S (natural science majors)
69/S (human nutrition science majors)
76/S (preventive and adaptive motor activity sciences and techniques majors)
81/S (physical science majors)
82/S (physical science majors)
83/S (physical science majors)
84/S (physical science majors)
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99/S (physical science majors)
99/S (physical science majors)
90/S (physical science majors)
91/S (physical science majors)

Language

Date publication Selection

Exam date

92/S (physical science majors)

93/S (physical science majors)

94/S industrial chemistry technologies)

SNT_SPEC/1 (specializations in nursing and obstetric sciences)

SNT_SPEC/2 (specializations in rehabilitation health professions sciences)

SNT_SPEC/3 (specializations in technical health professions sciences)

SNT_SPEC/4 (specializations in prevention health professions sciences)

Knowledge of English language is required.

July 31, 2024

The oral exam will take place in presence, on August 2, 2024, at 9:30 am in Room A n.2, of the C.A.S.T. - Center for Advanced Studies and Technology- Via Luigi Polacchi 11, 66100, Chieti, ITALY.

Candidates residing abroad who request to take the oral exam remotely will be contacted via email by the Commission to define the time of the interview.

Coordinator	Prof. Carlo Sestieri Department: Neuroscience, Imaging and Clinical Sciences E mail : c.sestieri@unich.it
Duration	3 years - Starting date : November 1 st 2024
Disciplines	Imaging, Psychiatry, neurology, radiology, medical genetics, neuropsychology, cognitive neuroscience, computational neuroscience, artificial intelligence
PhD Programme description	The course aims to provide a high quality interdisciplinary training of the third level to researchers in the field of neuroscience. In addition, the doctorate course aims to form high-profile professional figures in the field of diagnostic imaging and research and development of innovative instrumentation, as well as high-qualification operators in the field of the national health system, the private health system, and the health industry. Other formative objectives are the development of the ability to relate to scientific research, in particular the ability to think and find solutions to problems in a critical, creative and, at the same time, scientifically rigorous way, the ability to conceive and implement a short research program, medium and long term, the ability to plan and edit a fund request, to communicate with the scientific community and to effectively present the results of one's own research work. The PhD Students are required to spend a stay abroad for a minimum period of 6 months during the three years.
PhD Website	https://www.scuolasuperiore.unich.it/offerta-formativa
Available positions	n. 5 positions of which: n. 3 scholarships funded by the University n. 1 scholarship co funded by PNRR DM 630/24 and Vection on the research topic: "Research and development of artificial intelligence algorithms applied to segmentation for use in augmented reality environments" n. 1 position without scholarship
Admission requirements	See art. 2 PhD Call 40 th cycle - Academic Year 2024/2025
Language	Knowledge of English language is required
Date publication Selection	August 1 st , 2024
Exam Date	The oral test will take place starting from August 26th, 2024, at 9:00 AM, in the Meeting Room, 4th floor, Institute of Advanced Biomedical Technologies - Chieti Campus, via Luigi Polacchi 11, Chieti, for candidates in presence and remotely via Microsoft Teams for candidates who request to take the oral test remotely. Depending on the number of candidates, the oral tests may extend over several days: a calendar will be established, according to the alphabetical order of the candidates' surname, and will be published in advance on the website of the Scuola Superiore, Gabriele D'Annunzio University of Chieti and Pescara. Candidates who request to take the oral test remotely are contacted by email by the Commission to define the date and time of the interview.

Coordinator	Prof. Luca Tommasi Department: Psychology e-mail: luca.tommasi@unich.it
Duration	3 years - Starting date : November 1 st 2024
Disciplines	PSIC-01/A; PSIC-01/B; PSIC-01/C; PSIC-02/A; PSIC-03/A; PSIC-03/B; PSIC-04/A; PSIC-04/B
PhD Programme description	The Ph.D. Course in Psychology is an innovative higher education ecosystem characterized by a double educational policy: scientific and applied. It aims to train professional profiles of excellence in terms of research, application and public engagement, in all fields of Psychology. The Course also aims to develop a problem-solving culture, based on the enhancement of personal competences, creativity and learning, in the direction of both scientific discovery in the sciences of mind and behaviour, and application innovation in its professional, societal and technological declinations. The educational path of the PhD programme is divided into two main training areas: 1) methodologies and instruments, with a further branching in "advanced psychological instruments and methods" and "advanced instruments in other methodological fields (data science, network science, modelling); 2) applications of psychology, with a further branching in "advanced applications in psychology" and "advanced interdisciplinary applications" (in the industrial, health and law domains). Other teaching modules and seminars will be offered, covering advanced topics in research (methodology; data analysis; ethics of research), scientific writing, project writing and management, public communication, intellectual property, scientific entrepreneurship and other core skills crucial for scientific activity and technological and societal transfer. Each student will agree on a personalized training path, which will run in parallel with the acquisition of a solid basic training, and will be included in an educational and cultural ecosystem in which the human and material resources useful to undertake both the scientific and the applied project will be available.

RESEARCH AREAS

General Psychology, Neuropsychology and Cognitive Neuroscience, Psychometrics: The research themes in the fields of *General Psychology, Neuropsychology and Cognitive Neuroscience, Psychometrics* are focussed on the study of the mind and human behaviour also in relationship with the environment, by means of the experimental method, investigations on the neural substrates and the psychometrical modelling of the mechanisms of perception, cognition, emotion and personality. The laboratories are endowed with advanced technologies for the study of human behaviour, with instruments for neuroimaging and the collection of physiological indices, neuromodulation devices, and the main software tools for data analysis and formal modelling of the phenomena investigated. For example, some research fields concern the study of memory processes and the interaction between memory and emotion (also with respect to healthy and pathological ageing), perceptual and attentional mechanisms for processing objects and social entities (and their neural bases), as well as the development of tools for measuring psychological constructs, also for diagnostic purposes. The application potentials expressed by these areas concern health-related repercussions (e.g. cognitive training, treatment of cognitive and affective dysfunctions, neurostimulation), the study of the determinants of situated perception and cognition (for example, design of environments and artefacts, sensory analysis) or the realization of psychological tests useful for quantifying psychological constructs.

Developmental and Educational Psychology: The research line of the field of *Developmental and Educational Psychology* deals with analyzing how individual and environmental factors interact in contributing to the different development trajectories in a longitudinal perspective from childhood to adulthood, in typical and at-risk populations. Individual development is explored through an observational, behavioural and neurophysiological multi-method

approach, creating connections between different subject fields. The laboratories are equipped with cutting-edge technologies that allow to collect and analyze behavioural, physiological and neural data on individuals of all ages. The studies are carried out in collaboration with health, education and territorial structures, creating connections between scientific evidence and possible applications aimed at improving the health of individuals and the services aimed at them.

Social, Work and Organizational Psychology: The research lines in the various thematic areas of *Social, Work and Organizational Psychology*, are developed with the aim of promoting advanced training on basic social psychological processes (processes and contents of social knowledge, attitudes, interpersonal relationships, group processes and social influence, intergroup relationships) and complex cognitive functions within cultural and organizational contexts, a knowledge of the different theoretical paradigms adopted in the field of *Social, Work and Organizational Psychology*, and the development of competence as regards quantitative and qualitative laboratory and field investigation methods. The studies, characterized by a high application value are carried out in partnership with various organizational realities at national and international level, creating a mutual enrichment between the academic world and diversified professional contexts, aiming at the joint enhancement of well-being at work and performance.

Clinical Psychology and Dynamic Psychology: The research lines of *Clinical Psychology and Dynamic Psychology* are aimed at the analysis of the interactions between psychological, relational and environmental factors in determining the conditions of health, pathology and discomfort at a mental and physical level. Functional and dysfunctional processes are explored according to a hub-and-spoke model with specific insights into issues concerning adaptation problems, critical life span conditions, psychopathological mental processes and their behavioural and psychobiological correlates. The psychological dynamics related to all of these factors, and the related experiences and representations of the self, intrapsychic processes and interpersonal relationships, are analyzed starting from the recognition of the subjective value of psychic experience and the unconscious dimensions of the mind. The various topics are studied from an interdisciplinary perspective in connection with scientific fields (research laboratories of neurobiology, psychophysiology and microbiology) and neighbouring clinical fields (medical-specialist clinics). The applicative effects therefore range from the traditional sectors of scientific dissemination (publications, conferences, web) to the implementation of new clinical-therapeutic protocols.

Students are expected to spend a period of at least 6 months abroad.

<https://www.scuolasuperiore.unich.it/offerta-formativa>

n. 5 positions of which:

n. 3 scholarships funded by the University

n. 1 scholarship co-funded by PNRR DM 630/24 and IMA Assessment and Training Center on the research topic: "*Construction of a new tool and methodology for seafarers recruitment*"

n. 1 scholarship co-funded by PNRR DM 630/24 and Arya on the research topic: "*The role of communication in the promotion of psychological wellbeing*"

See art. 2 PhD Call 40th cycle - Academic Year 2024/2025

Knowledge of the ENGLISH language is required

July 29th, 2024

The oral exam will take place remotely on August 1st, at 9:00 CET on the Microsoft Teams platform. The candidates will be contacted via e-mail by the selection panel to define date and time of the exam.

[PhD Website](#)

[Available positions](#)

[Admission requirements](#)

[Language](#)

[Date publication Selection](#)

[Exam Date](#)

Coordinator	Prof. Piero Di Carlo - Department of Advanced Technologies in Medicine & Dentistry email: piero.dicarlo@unich.it
Duration	3 years - Starting date : November 1 st 2024
Disciplines	Atmospheric Physics, Climatology, Geophysics, Environmental Technical Physics, Building Technique, Design, Urbanistics, Odontostomatological Diseases, Applied Biology, Histology, Pharmacology, General And Inorganic Chemistry, Organic Chemistry, Business Administration, Science of Finance, Sociology
PhD Programme description	The main objective of the PhD course in Sciences and Technologies for Sustainable Development is to train professional profiles that integrate sustainability skills with the technical abilities required by specific functions, through transdisciplinary training for the acquisition of new skills for the environmental, economic and social aspects of sustainable development in line with the sDGS of the UN 2030 agenda. The course is established on the following three lines: 1) Climate, Energy and Urban System focused on education on the basic knowledge of climate change and increasing pollution and on the research of their impacts on ecosystems and on the territory. Moreover, energy transition, decarbonisation of the economy, smart cities and urban planning. Finally, on mitigation and adaptation to climate and environmental changes. 2) Circular Economy focused on training to accelerate the transition to the circular economy through the innovation of production models of goods and services of companies, businesses and local authorities and awareness of responsible consumption. 3) Health and Social Inclusion focused on training on the impact of climate, environmental, urban and economy changes on human health, migration, community inclusion. In the three years, research periods of at least 6 months abroad are required.
PhD Website	https://www.scuolasuperiore.unich.it/offerta-formativa
Available positions	n. 8 positions of which: n. 3 scholarships funded by the University n. 1 scholarship co-funded by PNRR DM 630/24 and by QE on the research topic: <i>Development of innovative and selective molecular sieves for the refinement of dissociative reactions at high temperatures</i> n. 1 scholarship co-funded by PNRR DM 630/24 and by CANTIERI ITALIANI on the research topic: <i>Solar resources and photovoltaic systems in the green transition for sustainable development</i> n. 1 scholarship co-funded by PNRR DM 630/24 and by GLOBAL MED on the research topic: <i>Local reception systems: from international cooperation to local experiences of social inclusion</i> n. 1 position reserved to employees (maintaining their salary) of the l'Azienda Sanitaria Locale di Pescara n. 1 position reserved to employees (maintaining their salary) of B&B Dental Srl
Admission requirements	Taking into account the educational objectives of the course, is required a Master degree in one of the following subjects: Architecture, Design, Urban and Environmental Planning, Biology, Biotechnology; Conservation, Restoration of Architectural and Environmental Heritage, Archaeology, History of Art and Antiquity; Pharmacy and Industrial Pharmacy; Finance; Physics; Computer Science; Aerospace Engineering, Biomedical Engineering, Chemistry Engineering, Civil Engineering, Building Engineering, Automation, Telecommunications, Electrical Engineering, Energy and Nuclear Engineering, Computer Science, Environment and Territory Engineering; Languages, Linguistics; Mathematics; Medicine and Surgery; Mathematical-Physical Modelling for Engineering; Dentistry and Dental Prosthetics; Design and Management of Tourism Systems; Materials Science and Engineering; Chemical Sciences; Economics; Natural Sciences; Human Nutrition Sciences; Food Science and Technology; Science and Technology of Industrial Chemistry; Geological, Geophysical,

Environmental and Territorial Sciences; Economic and Business Sciences; Social Service, Social Policies, Sociology, Social Research and History of Art.

Language

English knowledge is required

Date publication Selection

30/07/2024

Exam date

The oral exam will take place on 31/07/2024 at 9 a.m at Università 'G d'Annunzio' Campus of Chieti, via Polacchi, 11 at CAST aula 3, third floor or in remote on Microsoft Teams platform if chosen by the candidate.

Coordinator	Prof. Michele CASCAVILLA Department of Legal and Social Sciences email: michele.cascavilla@unich.it
Duration	3 years - Starting date: November 1 st , 2024
Disciplines	SPS/10, SPS/07, SPS/12, SPS/12, SPS/07, SPS/12, M-FIL/06, SPS/07, SPS/07, SPS/08, IUS/01, IUS/09, M-FIL/06, IUS/16
PhD Programme description	The PhD in Social Sciences aims to train figures of scholars able to carry out qualified activities of analysis and theoretical and empirical research at Universities, public bodies, private and third sector subjects, for basic and applied research purposes. To this end, the PhD aims to combine a solid theoretical preparation with the full mastery of research methodologies and techniques, quantitative, qualitative and mixed methods. It provides participants with all the tools for the realization of national and international empirical surveys, relating to a wide range of fields specific to the complex systems of contemporary social sciences. Anchored in the theoretical assumptions and methodologies of sociological disciplines, the PhD, in order to ensure a better understanding of its subjects of study, will constantly resort to dialogue with other social sciences - anthropology, psychology, contemporary history, history of philosophy, law, political science, statistics. The main thematic areas of the PhD in Social Sciences concern social change, forms of deviance and crime, historical-philosophical and political processes, the media and the public sphere, the methodology of social research. The aim of the PhD program is to encourage, through a multi-disciplinary and inter-disciplinary approach, the construction of a cultural profile of highly qualified scholars and professionals in the social sciences. The course aims to train scholars able to exercise their activities in a critical and multidisciplinary through knowledge of sociological, criminological, political analysis, together with specific historical-philosophical, anthropological and law knowledge. The course aims to promote the integration between the theoretical sociological reflection and the current emerging problems, carrying out field research with quantitative, qualitative and mixed methods methodologies, also in the digital field. In fact, in the context of the PhD, innovative research paths will be particularly valued, experimenting with models of analysis that take due analysis of social, cultural and technological changes in society. The aim is to foster an applied knowledge of the Social Sciences, the development of operational skills and the practical use of the social sciences as forms of practical knowledge. In order to achieve the general educational objectives and the three research curricula prepared, in order to facilitate the achievement of the necessary scientific maturity, PhD students will be specifically followed by tutors, which will support and support the implementation of the research projects identified and proposed. Always in this direction, at the end of each year, the PhD candidate will present to the College the results of his research work, subject to the approval of the scientific tutor, during a dedicated public dissemination initiative. There are three curricula: - Sociology and methodology of social research - Crime, security and social change - Philosophy and historical interpretations of social and political phenomena Students are expected to undergo a visiting period for study and research purposes of at least 6 months.
PhD Website	https://www.scuolasuperiore.unich.it/offerta-formativa
Available positions	n. 4 positions of which: n. 3 scholarships funded by the University n.1 place without scholarship
Admission requirements	See art. 2 PhD Call 40 th cycle - Academic Year 2024/2025
Language	English knowledge or another language (French, German or Spanish) consistent with the research proposal is required
Date publication Selection	July 29, 2024

Exam Date

The oral exam will take place on 31 July 2024 at 10 a.m. in the "Social Sciences Aula Magna" of the University Campus of Chieti.

Candidates who request to take the oral test remotely (Microsoft Teams Platform) are contacted by e-mail by the Commission to set the date and time of the oral exam.

Coordinator	Prof. Agostino CONSOLI - Department: Medicine and Ageing Sciences email: consoli@unich.it , dmsi@unich.it
Duration	3 years - Starting date : November 1 st 2024
Disciplines	Physiology, Experimental biology, Human anatomy, Histology, Experimental medicine and pathophysiology, Medical oncology, Pathology, Endocrinology, Infectious diseases, General and subspecialty paediatrics, Hygiene and public health.
PhD Programme description	This PhD program aims at training in biomedical research young graduates in biomedical disciplines. The research programs the PhD students will be involved with focus on the physiological processes of ageing as well as on ageing-related, non-communicable chronic diseases. These represent now the major health burden for western societies with a trend which is going to worsen in the next years, involving the world developing regions as well. In particular, over the course of the program, the PhD students must acquire the following skills to be furtherly applied in their future careers: 1) Learning state of the art techniques of cellular and molecular physiology and pathology. 2) Knowledge of non-communicable chronic diseases epidemiology and clinic. 3) Application of the acquired skills and knowledge toward study projects and proposals focused on age-related non-communicable chronic diseases. 4) Acquisition of the critical scientific sensibility, scientific culture and technical abilities needed to design and conduct translational medicine studies enabling to perform bench to bed projects related to the topics the PhD program is focused on. The PhD Students are required to spend a stay abroad for a minimum period of 6 months during the three years.
PhD Website	https://www.scuolasuperiore.unich.it/offerta-formativa
Available positions	No. 11 positions of which: No. 3 scholarships funded by the University No. 1 scholarship funded by the Istituto Superiore di Sanità on the topic "New insights for the search of susceptibility indicators for lung cancer in patients with allergic asthma" No. 1 scholarship co-funded by PNRR D.M. n.630/24 and by Telea Medical Srl on the topic "Exploration of Quantum Molecular Resonance (QMR) Treatment as a Senomorphic/Senolytic Therapy for Targeting Senescent Cells" No. 1 scholarship co-funded by PNRR D.M. n.630/24 and by D&D Group on the topic "Optimization of protocols for the ^clinical grade^ production of extracellular vesicles derived from regulatory T cells" No. 1 scholarship co-funded by PNRR D.M. n.630/24 and by D&D Group on the topic "Optimization of a cytofluorimetric protocol for the identification and analysis of micro and nano plastics in human blood samples" No. 1 industrial PhD position reserved for company employees engaged in highly qualified activities and research (industrial doctorate with salary maintenance) at ASL n. 2 Chieti on the restricted topic entitled: "Research methodology in Healthcare: from randomized controlled trials to real-world observational studies" No. 2 industrial doctorate positions reserved for company employees engaged in highly qualified activities and research (industrial doctorate with salary maintenance) at ASL Pescara on the restricted topic entitled: "Advanced immunotherapy techniques in hematological diseases" No. 1 position without scholarship
Admission requirements	See art. 2 PhD Call 40 th cycle - Academic Year 2024/2025
Language	Knowledge of the ENGLISH and ITALIAN languages are required
Date publication Selection	July 30, 2024
Exam date	The oral exam will take place on August 6, 2024, at 9:00 a.m. at the Conference Room of CAST-Campus Chieti, Via Luigi Polacchi.

Candidates residing abroad who request to take the oral exam remotely will be contacted via email by the Commission to define the time of the interview.