PhD Course in	ACCOUNTING, MANAGEMENT AND BUSINESS ECONOMICS
Coordinator	Prof. Massimo SARGIACOMO - Department: Management and Business Administration email: massimo.sargiacomo@unich.it
Duration	3 years - Starting date : November 1st , 2023
Disciplines	Accounting, Business Administration and Management, Management, Organization Studies, Financial Intermediaries Economics, Economics and Political Economy
PhD Programme description	The PhD Programme aims to develop necessary skills and solid methodological bases for doing in business organizations, public administrations and other public and private organizations highly qualified research activities at national and international level in themes encompassed within accounting, business administration, management and economics disciplines. In particular, the PhD Programme focuses, among the others, on the following research areas: Financial and Non Financial Reporting; Managerial Accounting; Corporate Governance; Accounting and Management of Smart Cities and Communities; Accounting History; Digital transformation, Big Data and Performance Evaluation; Corruption and Frauds in the Public and the Private Sectors; Management of Innovation, also in the industry 4.0; Healthcare Management Research; Public sector Accounting and Management; Quality Management and accounting in Higher Education; Operations Management; Accounting and Management of Agro-Food Industry; Disaster Recovery and Resilience of Local Damaged and Secluded Territories; Financial Networks and Risk Modelling; Financial intermediation; Financial markets; Sustainable finance; Economics of Innovation. Networks of economics and finance; Impacts of Institutions on economic development. In terms of expected learning outcomes (scientific knowledge and research skills), at the end of the Programme, PhD graduates will be able to autonomously elaborate and develop a research project with an appropriate methodology (quantitative and/or qualitative), produce scientific publications of high national and international value, use the main qualitative research softwares (eg.nVIVO, ATLAS.ti) as well as quantitative ones (eg. STATA,). **In the three years, research periods of at least 6 months abroad are required, with stays of no less than 3 months each.**
Available positions	**n. 10 places** of which:
	n. 3 scholarships funded by the University
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Digital transition"** on the research topic: **"digital transition and business process management"**
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Digital transition"** on the research topic: "**digital transition and economic and financial performance of companies**'"
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "generic"** on the research topic: "**ecological transition and financial and non-financial reporting in companies**"
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration**" on the research topic: **"Governance, performance and management control systems in public administrations"**
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration**" on the research topic: **"Change management, performance and digital transformation in public administrations'**.
	n. 2 positions reserved to employees (maintaining their salary) of the **Regione Abruzzo**, involved in high qualification activities (industrial Doctorate) on the topic: - **1 position** on: "Development and strengthening of control and internal auditing systems for the governance of Local Health Authorities**";** **- 1 position** on: "Innovation of cost-accounting and performance management systems and governance of Local Health Authorities**"**
Admission requirements	See art. 2 PhD Call 39th cycle - Academic Year 2023/2024.
Language/s	English language knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV in European format; 2. summary of the degree thesis (up to 10.000 characters); 3. list of any publication with bibliographic references (e.g. ISSN, ISBN); 4. research proposal (up to 10.000 characters); 5. any certificate of knowledge of foreign languages.

Selection procedures and criteria	Qualifications and exams: - qualifications (max score 30/100); - oral exam (max score 70/100): it will consist on a) discussion of the degree thesis (max 10 points); b) assessment of foreign language knowledge conducted by oral examination, whole or in part in English (max 20 points); c) the discussion of the research proposal, with particular reference to methodological consistency and motivation (max 40 points). Candidates asking for a remote interview will be contacted via e-mail by the Admission Committee in order to define date and time of the interview. **Minimum score required: 60/100.**
Exam date	The oral examination will take place on the **11th of September 2023** at **09:00 am** in the Room of the Department of Management and Business Administration (DEA) situated in the Campus headquarters of Pescara, at Viale Pindaro, 42. Candidate will be examined in presence or remote at their discretion, according to the schedule and platform which will be decided and properly communicated by the Commission.

PhD Course	APPLIED SCIENCES FOR BUSINESS INNOVATION
Coordinator	Prof. Alessandro SARRA Department: Economic Sciences email: alessandro.sarra@unich.it
Duration	3 years - Starting date: November 1st , 2023
Research area	Economics and Statistics; Mathematics and Informatics; History, Philosophy, Pedagogy and Psychology
Academic disciplines list	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 Program 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.
Available positions	**n. 4 places,** of which:
	n. 2 scholarships funded by the **University**.
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "generic"** on the research topic: "Sustainability, Digitalization and Businesses"
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the research topic: "Sustainability, Digitalization and Public Administration"
Admission requirements	See art. 2 PhD Call 39th cycle - Academic Year 2023/2024.
Language/s	English knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV (limited to academic degrees and scientific and/or professional achievements consistent with the Ph.D. programme: max 10000 characters including spaces); 2. diploma supplement or list of the examinations and marks (included final marks of the 2nd level degree); 3. abstract of the 2nd level degree thesis (max 10000 characters including spaces); 4. research proposal (max 10000 characters including spaces)

Selection procedures and criteria	Qualifications and exams: - assessment of qualifications and research proposal (max score 50/100); - oral interview (max score 50/100) **Only those who achieve a score equal to or greater than 25/50 in the qualification and research proposal evaluation phase are admitted to the oral exam. The list of candidates admitted to the oral exam will be published on the Scuola Superiore website**. The oral interview will consist of: a) discussing the 2nd level degree thesis; b) discussing the research proposal; c) demonstrating the knowledge of English (by submitting to the candidate a text randomly chosen from an adequate number of texts provided by the Admission Committee). **Minimum overall score required to be admitted: 60/100.**
Exam date	The oral exam will take place on the **14th September 2023 at 09:30 a.m**. in the classroom 10/12, situated in the Campus headquarters of Pescara, Viale Pindaro, 42 - Pescara. Subject to reasoned request to the President of the Admission Committee it will be possible for candidates to hold the exam in remote on the Microsoft Teams platform. Candidates who reside abroad will be allowed to carry out the exam in remote on the Microsoft Teams platform

PhD Course in	BIOMOLECULAR AND PHARMACEUTICAL SCIENCES
Coordinator	Prof. Assunta PANDOLFI - Department: Medical, Oral and Biotechnological Sciences email: assunta.pandolfi@unich.it
Duration	3 years - Starting date: November 1st, 2023
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 strongly encouraged.
Curricula	Pharmaceutical Sciences and Biotechnologies
	Molecular Medicine
	For positions regulated by DM 117 and DM 118, candidates may apply for up to two positions on a specific topic and present respectively up to two specific research proposals.
Available positions	**n. 16 places** of which:
	n. 2 scholarships funded by the **University**
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "generic"** on the research topic: "Development of innovative models for assessing the impact of environmental factors and lifestyle on health: from genetics to epigenetics".
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "generic"** on the research topic: "Identification of molecular targets and development of new preventive or therapeutic "add-on" treatments based on natural derivatives obtained through green technologies. Focus on the valorisation of innovative preclinical cell models and their transferability".
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "generic"** on the research topic: "Analysis of the physiology, dormancy and correlation to the antimicrobial resistance/tolerance in H. pylori; interaction with the commensal microbiota in the oro-gastric-intestinal tract. Innovative sustainable therapeutical formulation to reduce the antibiotic consumption in a One Health approach.",
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the research topic: "Healthcare and well-being management: Development of methods for a better management and evaluation of technologies and organizational models in the field of Medically Assisted Procreation (MAP)".
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the research topic: "Healthcare and well-being management: Implementation of a territorial model for the control of contaminants in widely consumed foods by making sampling and analysis more efficient: counselling for the wellness of population"
	n. 1 scholarship co-funded by the **IDI Integratori Dietetici Italiani s.r.l.** and from the **DM 117/2023** on the research topic: "Chemical characterization and in vitro, in vivo and in silico biological evaluation of food supplements and medical devices".
	n. 1 scholarship co-funded by the **COMECER S.R.L.** and from the **DM 117/2023** on the research topic: "Development of innovative closed systems (Isolator Technology) for GMP manipulation of tissues of interest in regenerative medicine".

	n. 1 scholarship co-funded by the **Recusol S.R.L and** from the **DM 117/2023** on the research topic: "Development of new materials from food waste for dermatological and cosmetic applications ".
	n. 2 scholarships co-funded by the **Fondazione Telethon ETS** and from the **DM 117/2023** on the research topic: "Analysis of the molecular and cellular mechanisms underlying therapeutic innovation for rare diseases ".
	n. 1 position reserved to employees (maintaining their salary) of the Company **DOMPE' S.p.A.**, involved in high qualification activities (industrial Doctorate) on the topic: "Optimization of the formulation process of proteins with therapeutic activity: study of process parameters and critical quality attributes of raw material and excipients".
	n. 2 positions reserved to employees (maintaining their salary) of the Company **ITEL**, involved in high qualification activities (industrial Doctorate) on the topic: "Optimization of innovative processes for the preparation and quality control of PSMA-ligand radiopharmaceuticals, to be used for theranostic purposes, i.e. aimed at a contextual diagnostic and therapeutic intervention, in prostate cancer (PCa) ".
	n. 1 position reserved to employees (maintaining their salary) of the Company **NTP Biotech**, involved in high qualification activities (industrial Doctorate) on the topic: "Identification and characterization of bioactive compounds produced by lactic ferments in fermentation broths in order to optimize fermentation processes, aiming at enrichment in metabolites of nutraceutical interest".
Admission requirements	See art. 2 PhD Call 39th cycle - Academic Year 2023/2024.
Languages	English knowledge is required. For candidates residing abroad, a short interview (personal data, education and qualification) in Italian is required, based on which basic knowledge of the language will be ascertained.
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV European format (max 10.000 characters); 2. Publications list (including all the bibliographic data, i.e. ISSN; ISBN; DOI); 3. Candidate may submit a research proposal (max 10.000 characters spaces included, References excluded); 4. Candidate may submit up to two letters of presentation from recognized experts; 5. English language certifications (if available); 6. *diploma supplement* or a list of the examinations sustained during the master degree with votation, and final votation; 7. A summary of the master degree Thesis (max 10.000 characters, spaces included, References excluded).
Selection procedures and criteria	Qualifications and exams: - Qualifications (max score 20/100). Among the qualifications the following will be considered: (a) scientific and professional qualifications; (b) Diploma Supplement; (c) letters of presentation (d) English language certifications. - Oral exam (max score 80/100): the interview will consist in: (a) discussion of the master degree Thesis; (b) discussion of publications (if any); (c) discussion of the research proposal (if submitted by the candidate); (d) English language knowledge will be assessed through the reading and translation of a text, drawn by the candidate among a list of many prepared by the committee; (e) discussion of one of more arguments of basic biology or pharmaceutical sciences, drawn by the candidate among an adequate number prepared by the Committee for each of the curricula. If the candidate chooses to compete for the scholarship bound on the research project, a supplementary discussion on the topic is required, in order to assess suitability. Candidates living abroad asking for a remote interview will be contacted via e-mail by the Admission Committee. **Minimum score required: 60/100.**
Exam date	The oral exam will take place on the **11th of September 2023 at 9:00 a.m**. the Department of Pharmacy - Campus of Chieti, via dei Vestini 31 66100 Chieti Scalo.

	If for the foreigner's candidates it will not be possible to carry out the exam in presence the exam will be held in remote on the Microsoft Teams platform

PhD Course in	BUSINESS AND BEHAVIOURAL SCIENCES
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 1st , 2023
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.
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.**
Available positions	**n. 10 places,** of which:
	n. 2 scholarships funded by the **University**
	n. 3 scholarships PNRR funded by **DM 118/23 thematic area "generic"** on the research topic: *"Technological innovation and human behaviour drivers in economic decision processes"*
	n. 2 scholarships PNRR funded by **DM 118/23 thematic area "Public administration"** on the research topic: *"Human behaviour drivers in Public Administration's economic decision processes"*
	n. 1 scholarship co-funded by the **Sun City Group S.r.L.** and from the **DM 117/2023** on the research topic: *"Energy communities in inland areas: study and experimentation in the field of the territorial activation dynamics of the Energy Communities and economic, social and cultural repercussions of this new model of development of renewables"*
	n. 1 scholarship co-funded by the **MAR SrL.** and from the **DM 117/2023** on the research topic: *The evaluation of oral and written communication: from behavioral observation to neuroimaging.*
	n. 1 scholarship co-funded by the **Officina Keller Lanificio Napoli Srl** and from the **DM117/2023** on the research topic: *"Officina Keller: a starting point towards a general framework of governance policies and practices for italian Creative and Cultural Industries"*
Admission requirements	See art. 2 PhD Call 39th cycle - Academic Year 2023/2024.
Language/s	English knowledge is required
Documentation in PDF format to be attached with the online application (max 5MB for each document)	1. CV European format (in English); 2. motivation letter (in English); 3. research proposal (in English).
Selection procedures and criteria	Candidates will undergo an oral exam **(in remote)**. During the oral exam, candidates will: a) discuss their CV (max 20 points);

	b) discuss their motivation letter (max 20 points); c) discuss their research proposal (max 40 points); d) undergo an English knowledge assessment (by discussing the above-mentioned points in English in part or totally, max 20 points). Candidates who apply for the position with a specific research topic will have to take the oral exam supplemented by an additional suitability interview relating to the specific research topic. **In order to be eligible, candidates must achieve a total score of at least 60/100 points.**
Exam date	The **oral exam will take place remotely** starting on the **13th of September 2023 at 10.00 am, on the Microsoft Teams platform.**

PhD Course in	CULTURAL HERITAGE STUDIES. TEXTS, WRITINGS, IMAGES
Coordinator	Prof. Carmine CATENACCI, Department: Literature, Arts and Social Sciences email: carmine.catenacci@unich.it
Duration	3 years - Starting date: November 1st 2023
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.
Available positions	n. 9 places of which:
	n. 2 scholarships funded by the University
	n. 1 scholarship PNRR funded by DM 118/23 thematic area on the research topic: "Development of research, including applied knowledge, in the fields of interest of the PNRR, with a particular focus on critical edition and the study of manuscript traditions of literary texts produced from Antiquity to the Humanism"
	n. 1 scholarship PNRR funded by DM 118/23 thematic area "Digital Transition" on the research topic: "Digital transition of the manuscript book heritage: digital edition of *marginalia* within the *Petrarca online* website (*POL*)"
	n. 1 scholarship PNRR funded by DM 118/23 thematic area "Public Administration" on the research topic: "Development, thanks to new digital tools, of new organisational and operational models for greater efficiency and effectiveness of public action in the area of archival and library assets at risk"
	n. 1 scholarship PNRR funded by DM 118/23 thematic area "Cultural Heritage" on the research topic: "From the study to the dissemination: archaeometry, technologies and transdisciplinary analysis in the study of material culture of Italic-Roman Abruzzo"
	n. 1 scholarship PNRR funded by DM 118/23 thematic area "Cultural Heritage" on the research topic: "Feasibility study for the creation of a University Museum network of th G. d'Annunzio University of Chieti-Pescara (**SMUDA**)"
	n. 1 scholarship funded by Passucci Viaggi on the topic: "Archaeoanthropology and territory in the Sangro area"
	n. 1 scholarship funded by PRG Graff-IT – ERC-2020 – ADG Grant Agreement number: 101020613 – CUP D55F21002620006, on the topic: "Antiquarian graffiti of the Colosseum Archaeological park and other Monuments of Rome. Census,edition, preservation methodologies."

Admission requirements	See art. 2 PhD Call 39th cycle - Academic Year 2023/2024. Each candidate may apply not only for 1 scholarship funded by University but also for 1 or max 2 topics-related scholarships and may submit only 1 research project.
Language/s	The knowledge of one of the following foreign languages is required: English, French, German.
Documentation in PDF format to be attached online (max 5MB for each document)	Documents to be sent by the candidates together with their application form: 1. CV in European format; 2. summary of the Master's degree Thesis (max 5.000 characters); 3. research proposal (max 10.000 characters); 4. list of publications (with bibliographical references, included ISSN/ISBN) (if available); 5. one presentation letter by experts or professors.
Selection procedures and criteria	Selection procedures and criteria for applicants to the 2 grants funded by the University and 5 grants funded by the DM 118 on specific thematic areas (1 on PNRR research topic, 1 on Digital Transition, 1 on Public Administration, 2 on Cultural Heritage) and funded are as follows: - written exam (max score 40 out of 100); - qualifications (max score 20 out of 100); - oral interview (max score 40 out of 100). Written exam. All candidates will be free to choose any one of the options listed below. On general topics: - translation of a piece of a poem or a prose text from Greek or Latin with comment; - transcription of one or more facsimiles from manuscripts or documents with historical, palaeographic and diplomatic comment; - composition on a philological topic: methods, issues, techniques, applications and critical history of texts; - composition on an art historical and archeological topic: methods, issues, history and critical analysis of works and artistic phenomena, chronological, iconographic, documentation and enhancement issues. On research topics PNRR: - edition and/or translation of a passage from a literary text from Greek, Latin, Romance languages with philological comment - ecdotic methodologies and practices of autograph or apograph signs and reading notes in the margins of latin medieval manuscripts: one or more cases of printed and/or digital editions - **digital technologies and virtual musealization of archivist documents and books: some practical example** - composition on museology and museography, consisting of the analysis and critical discussion of one or more case studies and best practices in the fields of conservation, promotion, management and/or accessibility - methodologies, technologies and scientific analyses in archaeometry and how to reconstruct contexts: possible results through sample cases and applications already published. On research topic Passucci Viaggi: - composition on archaeoanthropology and cultural turism. Candidates will have 4 hours for their written exam. Candidates must achieve the minimum score of 24 out of 100 in the written exam in order to be admitted to the oral interview. Oral interview. It will consist in: (a) discussion about the written exam; (b) discussion on the research proposal; (c) test of the methodological and disciplinary skills necessary for the realization of the project; (d) foreign language test: the candidate will be asked to

	read and translate a text in English, French or German. The list of the admitted candidates will be published on the Scuola Superiore website: https://www.scuolasuperiore.unich.it Foreign candidates can choose to be examined in one of the following languages: Italian, English, French, German. Candidates who choose to take their exam in English, French or German will have a supplementary Italian language test. For candidates who compete for the 5 grants funded by the DM 118 and 1 grant funded by Passucci Viaggi a supplementary oral interview is foreseen, which will be contextual to the other and will lead to a specific judgment of suitability. Selection procedures and criteria for applicants to the 1 grant funded by ERC-2020-ADG on the topic: "Graff-IT. Writing on the Margins: Graffiti in Italy, 7th to 16th century" are as follows: - qualifications (max score 40 out of 100); - interview (max score 60 out of 100). Candidates must achieve the minimum score of 24 out of 100 in the qualifications, in order to be admitted to the interview. Oral interview. It will consist in: (a) discussion on the research proposal on the specific topic; (b) test of the methodological and disciplinary skills necessary for the realization of the project; (c) foreign language test: the candidate will be asked to read and translate a text in English, French or German. The list of the admitted candidates will be published on the Scuola Superiore website: https://www.scuolasuperiore.unich.it Candidates can choose to take their exams in Italian/English/French/German. Minimum score required: 60 out of 100.
Exam dates	The written test for applicants to the grants will take place on 15 September 2023 at 10.30 a.m, in Classroom 1 of Chieti campus. The interview, which includes 1 grant funded by ERC-2020-ADG without written exam, will take place on the 29th of September 2023 at 10.30 a.m., in Classroom A ('L. Mucciante') of the Chieti campus.

PhD Course in	DESIGN CULTURES: CREATIVITY, HERITAGE, ENVIRONMENT
Coordinator	Prof. Claudio VARAGNOLI - Department: ARCHITECTURE email: claudio.varagnoli@unich.it
Duration	3 years - Starting date : November 1st,2023
Disciplines	Relevant sectors ERC: SH3_1 Sustainability sciences, environment and resources; SH3_7 Spatial development, land use, regional planning; SH3_8 Urban, regional and rural studies; SH5_6 History of art and architecture; SH5_7 Museums, exhibitions, conservation and restoration; SH5_10 Cultural heritage, cultural identities and memories; PE8_3Civil engineering, architecture, maritime/hydraulic engineering, geotechnics, waste treatment; PE8_10 Industrial design (product design, ergonomics, man-machine interfaces, etc.);PE8_11 Sustainable design(for recycling, for environment, eco-design)
PhD Programme description	The program trains Ph. Doctors on architectural issues in an interdisciplinary outlook including the skills of architectural design, management, control, conservation of the built and natural environment, as well as skills related to production and industrial design. This approach is linked to the most current topics of environmental sustainability and risk management of cultural heritage. Following an initial period of seminars and base courses, research activities are undertaken and then finalized by composing the doctoral thesis. Supportive collaborations with foreign research institutions and university partners are planned, with the possibility for doctoral candidates of obtaining a dual degree. (Doctor Europaeus). The professional opportunities provided refer to: professional and industrial world linked to the issues of the project in architecture and design; officials and managers in central and local public administration; university career in the field of Architecture and Design.
Curricula	**Architectural design and Urban planning.** The research topics range from urban regeneration, to the sustainability of architectural and territorial planning, to the technical, economic and social feasibility of building interventions. Processes of transformation of the city and the territory are the main aim of the training courses, within the framework of an eco-friendly planning of the anthropized environments, with a particular openness to new digital technologies and contemporary figurative experimentation.
	Architecture Technology and Industrial Design. The research topics concern: Sustainable planning and related Evaluation systems; High energy efficiency building; Sustainable transformation and maintenance of the built environment; Innovative materials and construction systems; Design for new uses and meanings of products and innovation of digital manufacturing processes, System design for sustainability and inclusion, Communication design for the innovation of both communicative and visual artefacts oriented towards eco-social.
	Built cultural heritage. Researches are promoted on the analysis, conservation, management, detection and diagnostic monitoring of cultural, built and environmental heritage, as defined by current regulations, in an inclusive and interdisciplinary perspective. The focus extends to the use of new information technologies for modeling in the cultural heritage sector, and to structural interventions, as well as to the landscape in its most innovative meaning.
Available positions	**n. 9 places** of which:
	n. 2 scholarships funded by the **University;**
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Cultural Heritage"** on the research topic: "*Innovative strategies for urban regeneration according to ecological and digital transition programs*";
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Cultural Heritage"** on the research topic: "*Management and preservation of built cultural heritage in relation to ecological transition programs*";
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the research topic: "*Public administration and technological innovation programs in the management and maintenance of building systems*".

	n. 1 scholarship co-funded by the Company Parco Nazionale Maiella and from the **DM 117/2023** on the research topic: "Strategies for the rehabilitation and enhancement of the historic city between Eastern and Western Mediterranean ".
	n. 2 positions reserved to employees (maintaining their salary) of the Company **Parco Nazionale della Maiella** (industrial doctorate) on the research topic: "*Interactions between nature protection programs and landscape transformation dynamics*".
	n. 1 place without scholarship
Admission requirements	See art. 2 Ph D Call 39h cycle - Academic Year 2023/2024
Language	English language knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV (limited to academic degrees and scientific and/or professional achievements that are coherent to PhD program; max 10.000 characters); 2. summary/extended abstract of Master level research activities (max 10.000 characters); 3. certificates of foreign language knowledge (if available); 4. list of publications with bibliographical references to ISSN/ISBN or DOI in line with the specific Ph.D. curriculum (if available); 5. AIRE (Anagrafe Italiani Residenti Estero) certificate for applicants with Italian citizenship which are resident abroad.
Selection procedures and criteria	Qualifications and exams: - assessment of candidate's qualifications (max score 35/100). Assessable qualifications: a) CV, certificate (s) of foreign language (if available); b) summary/extended abstract of Master level degree; c) list of publication/s in line with the Ph.D. curriculum (if available); - oral exam including discussion on a possible research project (max score 65/100): the interview comprises: (a) discussion of the Master level research activities; (b) assessment of the candidate's basic preparation; (c) discussion of eventual publication/s; d) discussion of a research project/activity that the candidate would like to perform; (e) verification of knowledge of the foreign language (conducted by subjecting to the candidates a text randomly drawn from an adequate number of scripts provided by the Admission Commission). Minimum score required: 60/100. **Minimum score required 60/100.**
Exam date	The exam will take place on the **21st of September 2023 at 10.00 a.m.** in the "Aula Dottorato", Department of Architecture, situated in the Campus headquarters of Pescara, Viale Pindaro, 42 - Pescara. The exam will be held in presence or remote at the candidate's discretion; the platform will be communicated by the Commission.

PhD Course in	ENGINEERING SCIENCE
Coordinator	Prof. Luigi BERARDI - Department: Engineering and Geology email: luigi.berardi@unich.it
Duration	3 years - Starting date : November 1st 2023
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; 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 an obligatory stay abroad for a minimum period of 6 months during the three years.
Available positions	**n. 11 places** of which: **n. 2 scholarships** funded by the **University** **n. 1 scholarship co-funded by the university and from the Department of Engineering and Geology** on the research topic: "**Seismic risk management for the tourist enhancement of inland areas**" **n. 1 scholarship PNRR** funded by **DM 118/23 thematic area "generic"** on the research topic: "Innovative digitisation and modelling techniques for the built heritage" **n. 1 scholarship PNRR** funded by **DM 118/23 thematic area "generic"** on the research topic: "Development of methods for the analysis of complex structural and functional imaging data in humans, also based on Artificial Intelligence algorithms" **n. 1 scholarship PNRR** funded by **DM 118/23 thematic area "Public administration"** on the research topic: "Digital transition and managing of constructions 4.0"**,** **n. 1 scholarship PNRR** funded by **DM 118/23 thematic area "Public administration"** on the research topic: "Advanced solutions for the digital transition in telemedicine and healthcare services"**,** **n. 1 scholarship** co-funded by the **ASDEA Srl** and from the **DM 117/23** on the research topic: "New technologies and models for the safety of structures and infrastructures ". **n. 1 scholarship** co-funded by the **E-LAB Srl** and from the **DM 117/23** on the research topic: "Correlation between physical-mechanical and petrographic characteristics of materials (natural, artificial and waste) for construction" **n. 1 scholarship** co-funded by the **Comec Innovative Srl** and from the **DM 117/2023** on the research topic: "*Design, development, implementation and validation of innovative sensors developed through Aerosol Jet Printing (AJP) for the detection of bioelectric signals*". **n. 1 scholarship** co-funded by the **COME Collabortion Srl** and from the **DM 117/2023** on the research topic: "*Implementation of advanced methods of functional magnetic resonance imaging for the study of cerebral correlates of the autonomic system*"
Admission requirements	See art. 2 PhD Call 39th cycle - Academic Year 2023/2024
Language	English knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV in the European format (max 10.000 characters); 2. Abstract thesis (max 5000 characters), 3. research project, in English (max 10.000 characters, spaces and references included); in case of application for multiple specific topics, one project for each research topic is required; 4. diploma *Supplement* (or the list of exams taken as part of the degree course with relative grades); 5. publications, if any, including all the bibliographic data, i.e. ISSN; ISBN; DOI or, in case of publications in press, letter of acceptance by the publisher or director of the journal/series (max 5 attachments of max 5MB for each document); an abstract (max 2000 characters) in Italian, or in English for publications in a different language;

	6. any other official university degree issued by a higher education institution or working experience relevant to the PhD program.
Selection procedures and criteria	Qualifications and exams: - qualifications (max score 40/100) with a preselection; - oral exam (max score 60/100). Candidates must achieve a passing score of 20/40 in the qualifications evaluation to qualify for the oral exam. The list of admitted candidates will be published on the Scuola Superiore web site: https://www.scuolasuperiore.unich.it The oral exam will consist of: a) presentation of the research project; b) the verification of knowledge of English language though the discussion of a part of the research project in English, for candidates that are not native English speakers. **Minimum overall score required to be admitted: 60/100.**
Exam date	The oral exam will take place on the **20th September 2023 at 09:00 a.m. in the Classroom 31 situated in the Campus of Pescara, Viale Pindaro, 42 – or in remote on Microsoft Teams platform if chosen by the candidate.**

PhD Course in	GEOSCIENCES
Coordinator	Prof. Nicola SCIARRA Department associated to the Doctorate: Engineering and Geology email: nicolasciarra@unich.it
Duration	3 years - Starting date: November 1st, 2023
Disciplines	Engineering Geology, Structural Geology, Geophysics, Planetary Geology, Geochemistry, Petrology, Geomorphology, Archaeology.
PhD Program 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 an initial 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 hydrochemical 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 modeling, 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.
Available positions	**n. 7 places** of which:
	n. 2 scholarships funded by the **University**
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "generic"** on the research topic: "Research of predisposing indices of landslide collapse in highly man-made contexts in order to mitigate the risk and for a more careful assessment of the protection of the ecological-environmental and social system".
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "generic"** on the research topic: "Applied research to seismic microzonation studies in areas affected by active and capable faults (FAC) through the development of investigation criteria with innovative methodologies and their technological transfer to the professional world".
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the research topic: "Analysis of the spatiotemporal distribution of intense meteorological events and their connections with geomorphological hazards in the Abruzzo region for the implementation of adaptation actions to the effects of climate change"
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the research topic: "Research applied to fault displacement hazard due to active and capable faults in urban areas and definition/test of guidelines for the strengthening of management and protection policy in fragile territory by public administrations"
	n. 1 scholarship funded by the Istituto Nazionale di Oceanografia e Geofisica Sperimentale on the research topic: "Study of seismicity detected near subsurface gas storage sites by analyzing data acquired from local seismic networks and responsible processes".
Admission requirements	See art. 2 of PhD Call 39th cycle - Academic Year 2023/2024.
Language/s	English knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV (limited to academic degrees and scientific and/or professional achievements that are coherent to PhD program; max 10.000 characters); 2. Academic diplomas, including a certificate or self-certification (in the cases provided for by Italian law) of the full transcript of attended courses and of the grades' translation in English. Such documents must be drawn up in Italian or English; 3. Research project (max 10.000 characters) containing: title, concept, objectives, methodology, schedule. 4. summary/extended abstract of Master level research activities (max 10.000 characters); 5. certificates of foreign language knowledge (if available); 6. list of publications with bibliographical references to ISSN/ISBN or DOI in line with the specific Ph.D. curriculum (if available).
Selection procedures and criteria	Qualifications and exams: The selection will be made by: • evaluation of the qualifications and research project (points 40/100). The following will be evaluated: (a) CV with academic and scientific and/or professional qualifications and certificate of knowledge of foreign languages, if any; (b) research project; (c) extended abstract of the dissertation; (d) any publications consistent with the themes of the specific PhD curriculum. The absence of the research project will result in exclusion from the subsequent interview. • oral test-interview (points 60/100). The interview consists of (a) discussion of the topics covered in the dissertation; (b) discussion to ascertain a solid basic preparation; (c) discussion of publications, if any; (d) discussion of the research project that the candidate

	would like to propose; (e) ascertainment of knowledge of the chosen foreign language (conducted by submitting a piece drawn from an adequate number of pieces prepared by the Commission). **In case the candidate chooses to compete for one of the constrained topics, the interview will include a supplementary test concerning the discussion of the relevant topics.** **Only the candidates who have obtained a score of at least 24/100 in the evaluation of qualifications will be admitted to the oral-colloquium test.** The list of candidates admitted to the oral test will be published on the website of the Graduate School: https://www.scuolasuperiore.unich.it **Minimum score required: 60/100.**
Exam date	The oral exam will take place on the **25th September 2023,** at **9:00 a.m at Meeting Room Department INGEO – IV Floor ex-Rettorato Building at the Campus Universitario Madonna delle Piane – Chieti Scalo.** The exam will be held also in remote on the Microsoft Teams platform.

PhD Course in	HUMAN SCIENCES
Coordinator	Prof. Elsa Maria BRUNI Department: Philosophical, Pedagogical and Economic-Quantitative Sciences (DISFPEQ) email: elsa.bruni@unich.it
Duration	3 years from 1st November 2023
Disciplines	Theories and science of education and social education, History of education, Methodologies of teaching, Special education, Educational research, Logic and Philosophy of science, Moral Philosophy, History of Philosophy, Statistics, Economics, Applied economics.
PhD Programme description	The Ph.D. programme in Human Sciences is aimed at training highly specialised scholars whose skills are essential for the development of excellence in research in economics and statistics as well as philosophical and educational fields. In its areas of interest, the Ph.D. programme identifies in the human sciences a point of dialogue and comparison between different traditions of thought and, not least, of scientific thought. With this in mind, the Ph.D. programme encourages the intercultural dialogue and develops the international reach of its research, both by attracting foreign students and by promoting the mobility of its members.
Curricula	Economics and Statistics
	Philosophical and Pedagogical Sciences
Available positions	**no. 16 positions** of which:
	no. 2 scholarships funded by the **University of Chieti-Pescara**
	no. 5 positions reserved for employees maintaining their salary (Industrial Ph.D. programme) engaged in highly qualified and research activities at the **Municipality of Pescara** (It. tr. Comune di Pescara) on the following bound topic: "The Renewable Energy Communities (RECs) as a lever for the creation of Public Value (PV)".
	no. 2 positions reserved for employees maintaining their salary (Industrial Ph.D. programme) belonging to the Italian public law body **Regional Environmental Protection Agency** (It. tr. Agenzia Regionale per la Tutela dell'Ambiente, ARTA), already engaged in highly qualified and research activities, on the following bound topic: "Data analytics and public information system for maritime economy, renewable energy, regional development, and advanced education".
	no. 1 position with scholarship co-funded **Odoardo Zecca Srl** and **DM no. 117/2023 MUR** on the research topic entitled: "The implications of the ESG paradigm in evaluating the sustainability performance of firms: A study of experimental and cognitive economics".
	no. 1 position with scholarship co-funded by **HONDA Italia Industriale SpA** and **DM no. 117/2023 MUR** on the research topic entitled: "Development of a quantitative model based on Machine Learning on quantitative and qualitative data in the production sections in order to improve the quality of production and innovation processes".
	no. 1 position with scholarship co-funded by **SOLIS Spa** and **DM no. 117/2023 MUR** on the research topic entitled: "Cognitive and experimental business research for the bioeconomy: from the circularity of value creation to emerging sustainability ideas through new methodological approaches of quantum cognition to the socio-economic domain".
	no. 1 scholarship PNRR funded by **DM no. 118/2023 MUR**, thematic area "generic", on the research topic: "Pedagogical dimensions of cinematographic, theatrical, and performing arts activities".
	no. 1 scholarship PNRR funded by **DM no. 118 issued on 02/03/2023 MUR**, thematic area "Public administration", on the research topic: "Cognitive and socio-economic aspects in integrated organisational and production processes based on new digital technologies and data analysis".
	no. 1 scholarship PNRR funded by **DM no. 118/2023 MUR**, thematic area "Public administration", on the research topic: "Decision-making processes in organisations in view of the development of a data-driven business"
	no. 1 scholarship PNRR funded by **DM no. 118/2023 MUR**, thematic area "Public

	administration", on the research topic: "The impact of the Integrated Plan of Activities and Organization (It. acronym: PIAO) in the process of creating public value for the local authority".
Requirements	See article 2, Call for applications (competitive examination) for the 39th Ph.D. cycle, Academic Year 2023/2024.
Foreign languages	Knowledge of one of the following foreign languages is required: English, French, German.
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV to be drawn up using the European format (up to 10.000 characters, including spaces); 2. Abstract of the Master's degree thesis (second level degree postgraduate qualification) (up to 10.000 characters, including spaces); 3. Research proposal (up to 10.000 characters, including spaces and bibliogr. references); 4. List of referenced publications (e.g., ISSN, ISBN, and/or other bibliographies); 5. Presentation letter by acknowledged experts and/or university professors.
Selection procedures and criteria	The examination consists of the: - assessment of academic qualifications (maximum mark: 40/100); - assessment of the oral examination/interview (maximum mark: 60/100). The oral examination/interview consists of a discussion on: (a) the Master's degree thesis; (b) a given topic in one of the foreign languages above (see the section entitled "Foreign languages") randomly chosen among several ones selected by the examination board; (c) the research proposal. Candidates asking for a remote interview (via Ms Teams platform) will be contacted in due time via e-mail by the examination board in order to properly schedule the interview. **The minimum mark required to be admitted is 60/100.**
Exam date	The oral examination/interview will take place on **19th September 2023** at **10:00 am** in classroom no. 1 within the Polo Didattico on the University Campus, Via dei Vestini, no. 31, Chieti. For candidates living abroad, the exam will be held in remote on the Microsoft Teams platform (on request).

PhD Course in	INNOVATIVE TECHNOLOGIES IN CLINICAL MEDICINE & DENTISTRY
Coordinator	Prof. Oriana TRUBIANI Department: Tecnologie Innovative in Medicina & Odontoiatria Email: oriana.trubiani@unich.it
Duration	3 years - Starting date: November 1st, 2023
Disciplines	Histology, General surgery, Oral diseases and dentistry, Cardiovascular diseases, Anesthesiology, Nephrology, Urology, Dermatological diseases, Pediatric surgery, Biology, Pathological anatomy, Human anatomy, Infectious diseases, Gynecology and obstetrics, Pediatrics, Diseases locomotor system, Applied medical technology and methodology, Microbiology, Pharmacology.
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.
Available positions	**n. 9 places** of which:
	n. 2 scholarships funded by the **University**
	n. 3 scholarships PNRR funded by **DM 118/23 thematic area "generic"** on the research topic: *"Innovative technologies applied to the biomedical research".*
	n. 2 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the research topic: *"Innovative therapies in the clinical practice"*
	n. 2 positions reserved to employees (maintaining their salary) of the Company **ASL 02 Lanciano, Vasto, Chieti** (industrial doctorate) on the topic: *"Innovative therapies in the pre-clinical and clinical practice"*
Admission requirements	See art. 2 PhD Call 39th cycle - Academic Year 2023/2024.
Languages	English knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV European format (max 10.000 characters); 2. Summary of the degree thesis (up to 10.000 characters); 3. Publication list (including all the bibliographic data, i.e. ISSN; ISBN; DOI); 4. Research proposal (max 10.000 characters); 5. English language certifications (if available);
Selection procedures and criteria	Qualifications and exams: - qualifications (max score 30/100). - oral exam (max score 70/100): it will consist on a) discussion of the degree thesis (max 10 points); b) assessment of foreign language knowledge (max 20 points) and Italian language knowledge for foreign students (aptitude test) ; c) the discussion of the research proposal (max 40 points). **Minimum score required: 60/100.**

Exam date	The oral exam will take place on the **25th of September 2023** at **9.00 a.m.** in the **Aula 40** Building A/NPD, situated in the **Campus headquarters of Chieti**, Via dei Vestini, 31 - Chieti. If it will not be possible to carry out the exam in presence, the exam will be held in remote on the Microsoft Teams platform.

PhD Course in	KINESIOLOGY
Coordinator	Prof. Maurizio BERTOLLO - Department: Medicine and Ageing Sciences email: maurizio.bertollo@unich.it
Duration	3 years - Starting date : November 1st 2023
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/34, MED/48, MED/50,
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.
Available positions	**n. 7 places** of which:
PhD Programme description	**n. 2 scholarships** funded by the **University G. d'Annunzio Chieti-Pescara**
Available positions	**n. 2 scholarships** funded by the by **Unicusano using PNRR funds DM 118/2023** (agreement with the University of Chieti-Pescara) on the following research topics: **1) Stress recovery balance in sport and exercise; 2) Physical activity and health**
	n. 1 scholarship co-funded by the **K-Sport SrL** and from the **DM 117/2023** on the research topic: **Monitoring external and internal training load in sport.**
	n. 1 scholarship co-funded by the **Mendes SrL** and from the **DM 117/2023** on the research topic: **Impact of multi-strain probiotic administration on body oxygen redistribution, physical**
	n. 1 scholarship co-funded by the **da eemagine Medical Imaging** and from the **DM 117/2023** on the research topic: **Neurofeedback in sport.**
Admission requirements	See art. 2 PhD Call 39th cycle - Academic Year 2023/2024
Language	English knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV in the European format. 2. Motivational letter (in English, max 4.000 characters, spaces excluded) 3. A supporting letter from a professor not involved in the Faculty of the PhD program. 4. Research project in English (max 10.000 characters spaces excluded);
Selection procedures and criteria	Interview (in English online on TEAMS platform) The oral exam will consist of: a) CV presentation and discussion (max 20 points); b) motivational letter discussion (20 points); c) research project presentation and discussion (40 points); d) assessment of English proficiency (20 points) The candidates who will apply also for the specific scholarships funded by the PNRR DM 118 and DM 117 on specific topics will integrate the oral exam with a supplementary interview on the specific topic of the call (see available positions). **Minimum score required 60/100.**
Exam date	The oral exam will take place on **September 19th, 2023 at 09:00 a.m** on the TEAMS platform. (The link will be provided directly to the candidates after the closure of the application)

PhD Course	LANGUAGES, LITERATURES AND CULTURES IN CONTACT
Coordinator	Prof. Persida LAZAREVIC - Department: Modern Languages, Literatures and Cultures email: persida.lazarevic@unich.it
Duration	3 years – Starting date: November 1st , 2023
Research area	10; 11
Academic disciplines list	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 an literatures of China and Southeast Asia (L-OR/21); Contemporary history (M-STO/04); Economic and political geography (M-GGR/02).
PhD Program 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.
Available positions	**n. 5 places,** of which:
	n. 2 scholarships funded by the **University**.
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Cultural Heritage**" on the research topic: **"Iconography and medical-surgical lexicon in Romance Europe (13th-15th century)"** Analysis of a corpus consisting of manuscripts, texts, and medieval medical-surgical lexicon so as to enhance their cultural value. The PhD student will achieve these objectives through three research lines: 1) identification of manuscripts in Latin and in vernacular language that contain illustrations and the digitization of such documents; 2) compilation of medical-surgical entries for the dictionaries *TLIO-Tesoro della Lingua Italiana delle Origini* (http://tlio.ovi.cnr.it/TLIO), and *VEV-Vocabolario storico-etimologico del veneziano* (http://vev.ovi.cnr.it/); 3) selection and analysis of the medical-surgical lexicon, especially from a comparative and multidisciplinary perspective, also starting from the editing of texts. The PhD student will have to spend 12 months at the Institute CNR-Opera del Vocabolario Italiano (OVI, http://www.ovi.cnr.it/) and 6 months at the University of Lausanne (https://www.unil.ch/ital/it/home/menuinst/ricerca/vocabolario-storico-etimologico-del-veneziano.html).
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Cultural Heritage"** on the research topic: **"Pathological storytellings between experimentalism and psychoanalysis: metaphors of mental illness in twentieth-century writings of the 'extreme'"**

	The research is aimed at outlining, within the research field of twentieth-century literary cartographies, an ideal tradition of writers of the "extreme" – anti-modern like Ceronetti or avant-garde and experimental like Malerba – committed to formulating proposals of pathological storytelling according to clinical, psychoanalytic, literary, and ideological models that expand from the experience of the individual (an author or character who testifies to his/her own real or imaginary infirmity to the condition defined by Ferdinando Camon as "the disease called man". In particular, through the study of the materials of the Luigi Malerba fund, kept at the Archivio del Novecento of La Sapienza University, it will be possible to ascertain the genesis and explore the complex crafting of the novels and short story collections by the author of *Il serpente* and *Salto mortale*. In addition to the archive activities at the Malerba Fund, the doctoral student will have to carry out a semester of research abroad at a university or research centre.
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public Administration"** on the research topic: "**The accessibility of institutional communication: tools and training of public administration personnel**" The theme of linguistic simplification was at the heart of the plain language movement, which originated in the United States and then spread to Europe with the intention of promoting the adoption by institutions of a clear and accessible language for all citizens. At the same time, Italian linguistic research, in the wake of Tullio De Mauro's founding studies, has also investigated institutional communication between the State and citizens according to different perspectives of analysis. The linguistic complexity that often characterises institutional texts and interactions can in fact lead to the exclusion of many citizens who, for various reasons, have comprehension problems. These include foreigners, people with disabilities or with a low level of education, for whom the lack of language accessibility constitutes a factor of social exclusion. With the support of analysis tools and in consideration of the recent results of forensic linguistics, the doctoral thesis project will provide an updated review of state-of-the-art techniques and tools for the simplification, mediation and measurement of the readability index of administrative texts, in order to elaborate a training programme for Public Administration personnel on the use of such devices for the promotion and dissemination of the culture of accessibility, in line with the principles of the 2022-2026 Agenda for Simplification and of the *Clear writing for Europe* initiative promoted by the DG for Translation of the European Commission. The doctoral candidate must spend a period of a minimum of six and a maximum of twelve months in total at the National Institute of Forensic Linguistics (INaLF).
	See art. 2 PhD Call 39th cycle - Academic Year 2023/2024.
Admission requirements	Knowledge of one of the following languages is required: English; French; German; Spanish; Italian for students whose mother tongue is not Italian. Candidates must select the language chosen for the language test during the oral exam in the application form.
Language/s	1. CV in the European format (max 10.000 characters); 2. research project, in Italian or in English (max 10.000 characters, spaces and bibliography excluded); 3. diploma *Supplement* (or the list of exams taken as part of the degree course with relative grades); 4. publications, if any, including all the bibliographic data, i.e. ISSN; ISBN; DOI or, in case of publications in press, letter of acceptance by the publisher or director of the journal/series (max 5 attachments of max 5MB for each document); an abstract (max 2000 characters) in Italian, or in English for publications in a different language; 5. any other official university degree issued by a higher education institution or working experience relevant to the PhD program.
Documentation in PDF format to be attached online (max 5MB for each document)	Qualifications and exams: - qualifications (max score 40/100) with a preselection; - oral exam (max score 60/100).

	Candidates must achieve a passing score of 20/40 in the qualifications evaluation to qualify for the oral exam. The list of admitted candidates will be published on the Scuola Superiore web site: https://www.scuolasuperiore.unich.it The oral exam will consist of a discussion of: a) the research project; b) a given topic in a foreign language randomly chosen among several ones selected by the Admission Committee. If the candidate chooses to compete for one of the scholarships on the priority-research projects, a supplementary discussion on the topic is required, in order to assess suitability. **Minimum overall score required to be admitted: 60/100.**
Selection procedures and criteria	The oral exam will take place on the **25th September 2023 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). In the application, the candidate residing abroad must indicate the request for a remote oral exam.

PhD Course in	LEGAL SCIENCES FOR SUSTAINABILITY, ECOLOGICAL TRANSITION AND INNOVATION
Coordinator	Prof. Federico BRIOLINI - Department of Legal and Social Sciences email: federico.briolini@unich.it
Duration	3 years - Starting date: November 1st, 2023
Disciplines	Private Law (IUS/01); Labour Law (IUS/07)
PhD Programme description	The Ph.D. programme in SCIENZE GIURIDICHE PER LA SOSTENIBILITÀ, LA TRANSIZIONE ECOLOGICA E L'INNOVAZIONE The Doctoral Course 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 commercial 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.
Available positions	**n. 4 places,** of which:
	n. 2 scholarships funded by the **University**
	n. 2 positions with PNRR as follows:
	n. **1 scholarship** PNRR funded by the **DM 118/23 thematic area "generic"** on the topic: "Environmental sustainability and economic initiative".
	n. **1 scholarship** PNRR funded by the **DM 118/23 thematic area "Public administration"** on the topic: "Public contracts and digitalisation"
Admission requirements	See article 2 PhD Call 39th cycle - Academic Year 2023/2024.
Language/s	English knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV (limited to academic degrees and scientific and/or professional achievements consistent with the Ph.D. programme; max 10 000 characters); 2. diploma supplement or list of the examinations and marks (included final marks of the 2nd level degree); 3. abstract of the 2nd level degree thesis (max 10 000 characters); 4. research proposal (max 20 000 characters - notes and bibliographic references included)
Selection procedures and criteria	Qualifications and exams: - assessment of qualifications and research proposal (max score 50/100); - oral interview (max score 50/100). **Only those who achieve a score equal to or greater than 25/50 in the qualification and research proposal evaluation phase are admitted to the oral exam. The list of candidates admitted to the oral exam will be published on the Scuola Superiore website.** The oral interview will consist of: a) discussing the 2nd level degree thesis; b) discussing the research proposal; c) demonstrating the knowledge of English (by submitting to the candidate a text randomly chosen from an adequate number of texts provided by the Admission Committee); d) discussing the specific research topic (additional test, if the research proposal pertains to the specific research topics listed above). Candidates living abroad asking for a remote interview will be contacted via e-mail by the Admission Committee. **Minimum score required: 60/100.**
Exam date	The oral exam will take place on the **21st September 2023 at 9:30 am** in the Campus of Pescara, Viale Pindaro, 42. For candidates living abroad, the exam will be held in remote on the Microsoft Teams platform (on request).

PhD Course in	MEDICAL BIOTECHNOLOGIES
Coordinator	Prof. Stefania FULLE - Department: Neuroscienze, Imaging e Clinical Sciences email: stefania.fulle@unich.it
Duration	3 years - Starting date : November 1st, 2023
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.
Curricula	Functional Biotechnologies
	Technological Innovation in Cardiovascular and Pharmacological Sciences
	Biotechnologies in Integrated Surgery
Available positions	**n. 16 places** of which:
	n. 3 scholarships funded by the **University**
	Candidates will be able to apply (by submitting only one research project) for a maximum of two topics to be chosen from:
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "generic"** on the research topic: "Biocompatibility of advanced biomaterials and hybrid nanomedicine in human 2D/3D tissue models".
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "generic"** on the research topic: "Development of biotechnology models of ophthalmology",.
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the research topic: "Implementation and use of computer technologies for data management and storage in hospital pharmacies in favor of patients undergoing chronic therapy to optimize healthcare system resources"
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the research topic: "Monitoring and archiving of drug utilization indices on an Information technology (IT) platform as a tool for governance of the healthcare system"
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the research topic: "Validation of a platform for reporting and management of metabolic data obtained in extended neonatal screening programmes"
	n. 1 scholarship co-funded by the **Tecnoss Dental s.r.l.** and from the **DM117/2023** on the research topic: "Development of innovative biomaterials for tissue regeneration in dentistry: technology transfer between research and companies "

	n. 1 scholarship co-funded by the **Haupt Pharma Latina S.r.l.** and from the **DM117/2023** on the research topic: "Optimization of processes to produce oil-based injectable penicillin drugs: chemical-physical characterization of impurities and study of Critical to Quality parameters through statistical analysis of data"
	n. 1 scholarship co-funded by the **Haupt Pharma Latina S.r.l.** and from the **DM117/2023** on the research topic: "Study of the chemical-physical parameters of Active Pharmaceutical Ingredients (APIs) used in beta-lactam pharmaceutical products: determination of technological and quality factors for the comparison of alternative production processes"
	n. 1 scholarship co-funded by the **Haupt Pharma Latina S.r.l.** and from the **DM117/2023** on the research topic: "Development of methodologies and microbiological monitoring systems to improve aseptic practices and processes applied to the pharmaceutical industry"
	n. 1 scholarship co-funded by the **Exo Lab Italia S.r.l.** and from the **DM117/2023** on the research topic: "Studying the use of extracellular vesicles of plant origin for the transport of therapeutic molecules"
	n. 1 scholarship co-funded by the **Libera Biotech S.r.l.** and from the **DM117/2023** on the research topic: "Innovative plant-based nanovesicle formulation for the prevention and treatment of HPV infection and condylomatous lesions"
	n. 1 position reserved to employees (maintaining their salary) involved in high qualification activities (industrial doctorate) at the **WATERS Spa**
	n. 1 position reserved to employees (maintaining their salary) involved in high qualification activities (industrial doctorate) at the **Bioengineering Biomedicine Company S.r.l.**
Admission requirements	See art. 2 PhD Call 39th cycle - Academic Year 2023/2024.
Language/s	1. English knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	2. CV (in European format, limited to academic degrees and scientific and/or professional achievements coherent to the Ph.D. program; max 10.000 characters, spaces included); 3. diploma supplement or list of the examinations and marks (included marks of the 2° level degree); 4. name, qualification, affiliation and e-mail of one expert willing to send, on request of the Admission Committee, a presentation letter; 5. abstract of the 2nd level degree thesis (max 10.000 characters, spaces included); 6. research proposal (max 10.000 characters, spaces included); 7. list of publications (if available) with bibliographical references to ISSN/ISBN or DOI; any certification of English knowledge.
Selection procedures and criteria	Qualifications and exams: - qualifications (max score 40/100); - oral exam (max score 60/100). The oral exam will consist of a discussion of: a) degree thesis; b) publications; d) a given topic in English language, chosen among several ones, selected by the Admission Committee (for foreign applicants living abroad that have chosen a remote interview, the interview will be carried out in English); d) the research proposal; e) for foreign applicants, verification of minimum knowledge of the Italian language. Candidates living abroad asking for a remote interview will be contacted via e-mail by the Admission Committee. **Minimum score required: 60/100.**
Exam date	The oral exam will take place on the **21st September 2023 at 09.00 a.m.** at the Department of Neuroscienze, Imaging e Scienze Cliniche, Nuovo Polo Didattico Palazzina B, Campus of Chieti (Via dei Vestini 29 – 66013 Chieti Scalo). For candidates living abroad, the exam will be held in remote on the Microsoft Teams platform (on request).

PhD Course in	NEUROSCIENCE AND IMAGING
Coordinator	Prof. Cosimo DEL GRATTA - Department of Neuroscience, Imaging and Clinical Sciences email: cosimo.delgratta@unich.it
Duration	3 years - Starting date : November 1st , 2023
Disciplines	Applied Physics (incl. Medical Physics and Bio-Physics), Biomedical Engineering, Medical Genetics, Pathology, Psychiatry, Neurology, Diagnostic Imaging and Radiotherapy, Neuroradiology, General Psychology, Psychobiology and Physiological Psychology, Psychometrics, Social Psychology
PhD Programme description	Educational project: Interdisciplinary education for the acquisition of competencies necessary to the practice and the implementation of biomedical imaging, in particular for basic and clinical neurosciences, from the physical principles of imaging techniques, to the development of innovative instrumentation, to the methods of data acquisition and analysis, to the design and conduction of a basic or clinical study, to the publication of the results and their insertion in the present research landscape, and to the preparation of a research project for the participation in competitive calls. Topics of theoretical study, and of hands-on workshops: Methods and models for the analysis of biomedical images. Computational models for the neurosciences. Physical principles and technology for the implementation of innovative instrumentation for biomedical imaging. Study of genomics in normal and pathological conditions and their integration with functional imaging. Integration of neurologic, psychiatric, and diagnostic imaging disciplines for the study of Central Nervous System pathologies. The education includes practical hands-on courses on all the most widespread and advanced large scale neuroimaging.
Available positions	**n. 12 positions, of which**:
	n. 2 with scholarship funded by the **University,**
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "generic"** focused on the research topic: *"Neural correlates of the perception of biological movement in healthy population, and in neurological patients: identification of biological markers as diagnostic tools, and as predictive models"*.
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "generic"** focused on the research topic: *"Development of nanovectors for personalized cancer immunotherapy"*.
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** focused on the research topic: *"Promoting individual well-being by using a neuro-bio-psychological approach"*.
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** focused on the research topic: *"The neurological bases of choice: study of the temporal discounting in multiple sclerosis"*.
	n. 1 scholarship co-funded by **Elettrobiochimica Srl** and by the **DM 117/23** focused on the research topic: "*Implementation of strategies for the diagnosis of genetic orphan diseases with new generation genetic sequencing (NGS)*".
	n. 1 scholarship co-funded by **Siemens Healthcare Srl** and by the **DM 117/23** focused on the research topic: "*Development of multiparametric MR techniques for the study of cerebral physiology*".
	n. 1 scholarship funded by the **Istituto Superiore di Sanità** focused on the research topic: "*Implementation of innovative therapeutic approaches based on accelerated neuromodulation for treatment resistant depression: development of translational predictive biomarkers and evalutation of integrated treatment approaches*".
	n. 1 scholarship funded by the **Istituto Superiore di Sanità** focused on the research topic: "*Understanding the molecular bases of hereditary retinal dystrophies using whole genome sequencing, and in vitro models.*"
	n. 2 scholarships funded by the **specific program ERC Synergy Grant ConnectToBrain** (ERC-2018-SYG-810377) on the research topic: "*Analysis of brain connectivity measured by Transcranial Magnetic Stimulation with concurrent Electroencephalography*".

Admission requirements	See art. 2 of the PhD Call 39th cycle - Academic Year 2023-2024
Language/s	Knowledge of the English language is required
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV European format; 2. diploma supplement or list of the examinations and marks (including mark of the second level degree); 3. two presentation letters by two experts (external to the "Gabriele D'Annunzio" University of Chieti-Pescara); 4. abstract of the second level (master) degree thesis (max 10 000 characters); 5. list of publications (if available) with bibliographical references, including ISSN/ISBN .
Selection procedures and criteria	Qualifications and exams: - qualifications (max score 40/100); - oral exam (max score 60/100): Only candidates scoring at least 24/100 on the qualifications will be admitted to the oral exam. The list of candidates admitted to the oral exam will be published on the Scuola Superiore website: https://www.scuolasuperiore.unich.it The oral exam will consist of a discussion on: a) CV, degree thesis and publications b) applicant's motivation to attend the PhD program, c) a possible research project of interest to the candidate Only for Italian candidates, a test of reading, comprehension, and verbal fluency of English language. Foreign candidates will do the oral exam in English. The foreign candidates, and foreign-resident Italian candidates, may choose a remote oral exam. Candidates will be contacted in due time via e-mail by the Admission Committee to define the precise time and date of the interview. **Minimum total score required for admission: 60/100.**
Exam date	The exam will take place on the **18th of September 2023 at 09:00 AM** in the Galileo Galilei Hall, Institute for Advanced Biomedical Technologies, located in the University Campus of Chieti, via Luigi Polacchi 11 – Chieti (for Italian candidates), or on Microsoft Teams for foreign-resident candidates. The link to the meeting will be made available in due time to the candidates. According to the number of candidates, the oral exams may extend over several days: the calendar, according to the alphabetical order of candidates, will be published in advance on the Scuola Superiore (Doctorate School) website. **https://www.scuolasuperiore.unich.it/bandi-di-concorso**

PhD Course in	PSYCHOLOGY
Coordinator	Prof. Luca TOMMASI – Department: Psychological, Health and Territorial Sciences email: luca.tommasi@unich.it
Duration	3 years - Starting date: November 1st, 2023
Disciplines	M-PSI/01; M-PSI/02; M-PSI/03; M-PSI/04; M-PSI/05; M-PSI/06; M-PSI/07; M-PSI/08
Ph.D. 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) theoretical paradigms in psychology, research methods and instruments, techniques of data analysis; 2) applications of psychology. Other teaching modules and seminars will be available, covering advanced topics in research (methodology; data analysis; general principles for the treatment of data; 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, Psychobiology and Psychometrics**: The research themes in the fields of General Psychology, Psychobiology and 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 and Dynamic Psychology**: The research lines of Clinical 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 3 months abroad in Research Centers or universities (6 months mandatory for positions funded by DM 118).**
Available positions	**n. 7 positions** of which:
	n. 2 scholarships funded by the **University**
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "generic"** on the pre-defined research topic: **"Psychophysiology of fatigue: theory and application"**
	n. 1 scholarship PNRR funded by **DM 118/23thematic area "generic"** on the pre-defined research topic: **"Telemedicine and digitalization in aging: from assessment to intervention"**
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "generic"** on the pre-defined research topic: **"Optimizing psychometric assessment models in cognitive and psychological disorders in the lifespan"**
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the pre-defined research topic: **"Assessment and enhancement of the role of health professionals in supporting pregnancy and puerperium"**
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the pre-defined research topic: **"Neurostimulation treatments in the healthcare system: Regulatory aspects and innovative service models"**
Admission requirements	See art. 2 Ph.D. Call 39th cycle - Academic Year 2023/2024.
Language/s	Knowledge of English language is required

Documentation in PDF format in Italian or in English to be uploaded online (max 5MB for each document)	1. CV in European format (in English); 2. text in English of an original research project in line with the research areas of the doctoral course / the pre-defined research topic (max 2000 words excluding references; max 10 references); 3. diploma supplement or list of marks of the exams taken during the training course, and degree evaluation; 4. motivation letter (in English; max 750 words) illustrating the training and professional background, interests and personal experiences.
Selection procedures and criteria	PRESELECTION AND INTERVIEW The preselection will be based on the evaluation of the research project (clarity, pertinence and relevance of the topic, feasibility of the study, expected results; 10 points; admission threshold 6 points). The list of candidates admitted to the public interview will be published on the website of the Scuola Superiore: https://www.scuolasuperiore.unich.it The final evaluation will consist of the attribution of two further scores: - public interview including the discussion on the research project and the motivation letter (60 points); - training and professional history as reported in the CV and the diploma supplement or its equivalent (30 points). If the candidate chooses to compete for the scholarship of one of the pre-defined research themes, a supplementary discussion during the interview is required to assess suitability. **The minimum score to be included in the eligible ranking list is 60/100.**
Exam Date	The interview will take place on **the 11th of September 2023 at 9.00 am,** and will be held remotely on the Microsoft Teams platform.

PhD Course in	SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT
Coordinator	Prof. Piero Di Carlo - Department of Advanced Technologies in Medicine & Dentistry email: piero.dicarlo@unich.it
Duration	3 years - Starting date : November 1st , 2023
Disciplines	Business Administration, Science of Finance, Sociology, Atmospheric Physics, Climatology, Geophysics, Environmental Technical Physics, Building Technique, Design, Urbanistics, Odontostomatological Diseases, Applied Biology, Histology, Pharmacology, General And Inorganic Chemistry, Organic Chemistry.
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 3 months abroad are required.
Available positions	**n. 18 places** of which:
	n. 1 scholarship funded by the **University**
	n. 1 scholarship co-funded by the **University (50%)** and **ISA-CNR (50%),** con tema vincolato: "Study of the physical, chemical, and optical properties of atmospheric aerosol in situ, in urban and remote regions. Focus on absorbent carbonaceous particulate matter, mixing state and interaction with cloud formation."
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Digital transition"** on the research topic: "Digital transition and big data for sustainability"
	n. 2 scholarship PNRR funded by **DM 118/23 thematic area "generic"** on the research topic: "Sustainability in the economy, health, environment and urban areas"
	n. 2 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the research topic: "Sustainability in the economy, health, environment and urban areas"
	n. 2 scholarship co-funded by the **Hopitex International srl** and from the **DM 117/2023** on the research topic: "Development and research of new bio-molecular methodologies for the screening of viral and infectious diseases in the Ethiopian population. Implementation of medical and diagnostic process for the sustainability and improvement of the health conditions of the population"
	n. 1 scholarship co-funded by the **Hopitex International srl** and from the **DM 117/2023** on the research topic: "Urine Cytology for tumoral cell detection: a comprehensive Analysis"
	n. 1 scholarship co-funded by the **Curasept Spa** and from the **DM 117/2023** on the research topic: "Targeted prevention and more efficient treatments for recurrence prevention and long-term maintenance of the implant and periodontal patient, especially when there are risk factors such as obesity, cardiovascular disease, immune system deficiency, diabetes. How oral cavity can influence the physical and social wellness of the patient."
	n. 1 scholarship co-funded by the **Terme di Saturnia Spa** and from the **DM 117/2023** on the research topic: "Thermal/spa medicine and health tourism in Italy"

	n. 1 scholarship co-funded by the **Dental Leader Corsi Sh.p.k** and from the **DM 117/2023** on the research topic: "Evaluation of the nickel and titanium release during the different phases of the orthodontic treatment"
	n. 1 scholarship co-funded by the **P&F Technology Srl** and from the **DM 117/2023** on the research topic: "Web marketing: a holistic approach in an innovative company. How online activities become drivers of growth"
	n. 1 scholarship co-funded by the **EURAC Research** and from the **DM 117/2023** on the research topic: "Development of governance methodologies for environmental risks and innovative multidimensional policies for the green economy"
	n. 1 position reserved to employees (maintaining their salary) involved in high qualification activities (industrial doctorate) at the **Azienda Sanitaria Locale di Pescara** on the topic: "Regenerative medicine in maxilla-facial defects."
	n. 2 positions reserved to employees (maintaining their salary) involved in high qualification activities (industrial doctorate) at the **Terme di Saturnia SpA** on the topic: 1) "The economic model of the thermal system as a sustainable prevention tool through the assets of psycho-physical well-being (nutrition, physical exercise, natural/thermal medicine, etc.) and enhancement of the economic substrate of the relevant territory" 2) "Innovation of integrated marketing systems (digital and offline) in the spa sector, spa and global health/spa tourism. From internationalization strategies to the flexibility of demand and pricing up to the brand strategy of wellness products dedicated to the retail channel."
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/s	English language knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV in European format; 2. summary of the degree thesis (up to 10.000 characters); 3. list of any publication with bibliographic references (e.g. ISSN, ISBN); 4. research proposal (up to 10.000 characters); 5. any certificate of knowledge of foreign languages.
Selection procedures and criteria	Qualifications and exams: - qualifications (max score 30/100); - oral exam (max score 70/100): it will consist of: a) discussion of the degree thesis (max 10 points); b) assessment of foreign language knowledge conducted by oral examination, whole or in part in English (max 20 points); c) discussion of the research proposal, with particular reference to methodological consistency and motivation (max 40 points). Candidates asking for a remote interview will be contacted via e-mail by the Admission Committee in order to define date and time of the interview.

	Minimum score required: 60/100.
Exam date	The oral exam will take place on the **12th September 2023 at 09:00 a.m.** Aula Sabin -CAST - situated in the Campus headquarters of Chieti, Via Polacchi – Chieti Scalo. The exam will be held in presence or remote at the candidate's discretion; the platform will be communicated by the Commission.

PhD Course in	SOCIAL SCIENCES
Coordinator	Prof. Michele CASCAVILLA - Department of **Legal and Social Sciences**. email: michele.cascavilla@unich.it
Duration	3 years - Starting date: November 1st, 2023
Disciplines	SPS/10, SPS/07, SPS/12, SPS/12, SPS/07, SPS/12, M-FIL/06, SECS-S/05, SPS/07, SPS/07, SPS/08, IUS/01, IUS/04, 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 and statistical analysis, together with specific historical-philosophical, anthropological and the knowledge of law. 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. **Students are expected to undergo a visiting period for study and research purposes of at least 6 months.**
Curricula	a. Sociology and methodology of social research b. Crime, security and social change c. Philosophy and historical interpretations of social and political phenomena
Available positions	**n. 6 places,** of which:
	n. 2 scholarships funded by the **University** (one for each curriculum "a" and "c")
	n. 1 scholarship PNRR funded by the **DM 118/23 thematic area "generic"** on the topic: "The Evolution of Surveillance Practices: from Analog Observation to Digital Monitoring" (curriculum "b")
	n. 1 scholarship PNRR funded by the **DM 118/23 thematic area "generic"** on the topic: "Contemporary Social Theories: Analysis and Perspectives" (curriculum "a" or "c")

	n. 1 scholarship PNRR funded by the **DM 118/23 thematic area "Public administration"** on the topic: "The Role of Public Administration in the Process of Implementing Laws" (curriculum "b")
	n.1 place without scholarship (curriculum "b")
Admission requirements	See art. 2 PhD Call 39th cycle - Academic Year 2023/2024.
Language/s	English knowledge or another language (French, German or Spanish) consistent with the research proposal is required
Documentation in PDF format to be attached with the online application (max 5MB for each document)	1. CV European format (in English); 2. Master degree dissertation and extended abstract (max. 10,000 characters) 3. Research proposal (max. 10,000 characters. If the project is not drawn up in Italian language, the candidate must also enclose an Italian language version of it, under penalty of exclusion). The first page of the project should indicate the type of scholarship and the curriculum that the candidate intends to submit.
Selection procedures and criteria	Candidates will be evaluated by preliminary examination of the written paper of the research project (**max 25 points**) and by oral test taken in Italian language (**max 75 points**). **Candidates are admitted to the oral test only if they score at least 20 points out of 25 in the preliminary evaluation of the research project, in which will be considered, above all, its scientific background and its coherence with the educational objectives of the PhD.** **In order to be eligible, candidates must achieve a total score of at least 60/100 points** The list of candidates admitted to the oral test will be published on the website of the Graduate School https://www.scuolasuperiore.unich.it **During the oral exam, candidates will:** a) discuss their CV and the master's degree dissertation (**max 20 points**); b) discuss their research proposal (**max 35 points**); c) undergo an English or another EU language consistent with the research proposal knowledge assessment (**max 20 points**). **Minimum score required 60/100.**
Exam date	The oral exam will take place on **26 September 2023 at 10.00** in the "Social Sciences Aula Magna" of the University Campus of Chieti. Candidates living abroad may request to conduct the oral test remotely on the Microsoft Teams Platform. Candidates living abroad asking for a remote interview will be contacted via e-mail by the Admission Committee to set the date and time of the oral exam.

PhD Course in	TRANSLATIONAL MEDICINE
Coordinator	Prof. Agostino CONSOLI - Department: Medicine and Ageing Sciences email: consoli@unich.it, dmsi@unich.it,
Duration	3 years - Starting date : November 1st 2023
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.
Available positions	**n. 9 places** of which:
	n. 2 scholarships funded by the **University**
	n. 2 scholarships PNRR funded by **DM 118/23 thematic area "generic"** on the research topic: "TECHNOLOGICAL AND PHARMACOLOGICAL INNOVATION NON COMMUNICABLE CHRONIC DISEASES PREVENTION AND TREATMENT",
	n. 1 scholarship PNRR funded by **DM 118/23 thematic area "Public administration"** on the research topic: "TELEMATIC NETWORKS AND TELEMEDICINE IN PATIENTS CARE"
	n. 1 scholarship co-funded by STRUMEDICAL and by DM 117/2023 on the research topic: "New technologies in the evaluation of nutritional state in humans"
	n. 2 positions reserved to employees (maintaining their salary) of the **Company ASL 02 Pescara** (industrial doctorate) on the topic: ADVANCED IMMUNOTHERAPY STRATEGIES IN HEMATOLOGICAL NEOPLASMS TREATMENT."
	n.1 place without scholarship
Admission requirements	See art. 2 PhD Call 39th cycle - Academic Year 2023/2024
Language	English knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV European format (limited to education and scientific/professional titles consistent with this PhD program aims and topics, max 10.000 characters); 2. Final marks of the 2nd level degree; 3. Summary of the Graduation Thesis (max 5.000 characters, spaces included) 4. list of publications (if any) with bibliographical references to ISSN/ISBN. 5. Research Project related to the specific topic the candidate is applying for (max 5.000 characters, spaces included, references excluded)
Selection procedures and criteria	Qualifications and exams: - qualifications (max score 30/100); - oral exam (max score 70/100). **Only candidate achieving a minimum score of 20 points on the evaluation of qualifications will be admitted to the oral exam** The oral exam will consist of: a) Discussion of the graduation thesis and eventual publications; b) Discussion of one or more topics in the area of interest of this PhD Program, which will be randomly selected among a list of topics previously prepared by the Admission Committee. c)

	Evaluation of English and/or Italian (for non Italian mother tongue candidates) language knowledge consisting in a conversation with the Admission Committee about current news. **Minimum score required 60/100.**
Exam date	The oral exam will take place on **September 14th 2023 at 09:30 a.m.** in the Sala Convegni of C.A.S.T located in the Via Luigi Polacchi, 11 – 66100 Chieti. Candidates living abroad might ask to take the oral exam in remote modality by the use of Microsotf TEAMS platform. Candidates living abroad asking for a remote interview will be contacted in due time via e-mail by the Admission Committee in ordered to schedule the interview.