

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 1 st , 2022
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 Reporting; Managerial Accounting; Corporate Governance; Accounting and Management of Smart Cities and Communities; Accounting History; 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. 5 scholarships funded by the University n. 1 position reserved to employees (maintaining their salary) of the ASL Company, involved in high qualification activities (industrial Doctorate) on the topic: "Organization and Management of Territorial Care: status quo and national and international evolving trends" n. 2 positions reserved for employees (maintaining their salary) of Regione Abruzzo (industrial doctorate) on the following topics: a) "Development and strengthening of control and internal auditing systems for the governance of Local Health Authorities"; b) "Innovation of cost-accounting and performance management systems and governance of Local Health Authorities" n. 2 scholarships PNRR funded by the DM 351 on the topic: "Governance, performance and management control systems, change management, digital transformation in public administrations."
Admission requirements	See art. 2 PhD Call 38 th cycle - Academic Year 2022/2023.
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 1st September 2022 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. If it will not be possible to carry out the exam in presence due to the Covid-19 emergency, the exam will be held in remote on the Microsoft Teams platform

PhD Course in	BIOMOLECULAR AND PHARMACEUTICAL SCIENCES
Coordinator	Prof. Adriano MOLLIKA - Department: Pharmacy email: adriano.mollica@unich.it
Duration	3 years - Starting date: November 1 st , 2022
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, Oral diseases and dentistry, 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 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
Available positions	n. 13 places of which:
	n. 4 scholarships funded by the University
	n. 1 scholarship co-funded by Ateneo and department of DTIMO on the research topic: "Preclinical Development of antibody-drug conjugates (ADC)s for targeted cancer therapy"
	n. 3 positions with PNRR as follows:
	n. 1 scholarship funded by the DM 351 on the topic: "Development of novel methodologies in first and second tier tests for the expansion to novel pathologies of the extended newborn screening program"
	n. 1 scholarship funded by the DM 351 on the topic: "Extraction, characterization and biological evaluation of snail slime, obtained with CHERASCO METHOD, in in vitro cell models"
	n. 1 scholarship co-funded by the DM 352 and from the Carbotech s.r.l. on the research topic: "Exploitation of graphene-based processing waste for the development/transport of alternative energy sources, primarily hydrogen".
	n. 2 positions reserved to employees (maintaining their salary) of the Company Prolabin & Tefarm, involved in high qualification activities (Industrial Doctorate) on the topic: "LAMELLAR SOLIDS AS INNOVATIVE MATERIALS IN THE PHYTOCHEMICAL, NUTRACEUTICAL, AND COSMECEUTIC FIELDS"
	n. 1 position reserved to employees (maintaining their salary) of the Company ITEL telecomunicazioni s.r.l., involved in high qualification activities (Industrial Doctorate) on the topic: "development and validation of a preparation process of a radiolabeled drug based on [18]F-PSMA-1007"
	n. 2 positions reserved to employees (maintaining their salary) of the Company DOMPE' FARMACEUTICI S.p.A., involved in high qualification activities (Industrial Doctorate) on the topic: "Manufacturing Process Development of a new therapeutic protein: from gene to clinical material".
Admission requirements	See art. 2 PhD Call 38 th cycle - Academic Year 2022/2023.
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. Publications list (including all the bibliographic data, i.e. ISSN; ISBN; DOI); 3. Candidate may submit a research proposal (max 10.000 characters); 4. Candidate may submit up to two letters of presentation from recognized experts; 5. English language certifications (if available);

	6. <i>diploma supplement</i> 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).
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 21 September 2022 at 9:00 a.m. the Department of Pharmacy - Campus of Chieti, via dei Vestini 31 66100 Chieti Scalo. If it will not be possible to carry out the exam in presence due to the Covid-19 emergency, 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 1 st , 2022
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. 11 places , of which:
	n. 4 scholarships funded by the University
	n. 6 positions with PNRR as follows:
	n. 1 scholarship funded by DM 351 on the topic: <i>"Human behaviour drivers in Public Administration's economic decision processes"</i>
	n. 1 scholarship funded by DM 351 on the topic: <i>"Technological innovation and human behaviour drivers in economic decision processes"</i>
	n. 1 scholarship co-funded by the Umana Analytics Srl and by DM 352 on the research topic: <i>"Behavioural economics, Marketing, and Sales in B2B services"</i> .
	n. 1 scholarship co-funded by the Federazione Ciclistica and from the DM 352 on the research topic: <i>"Modernisation of the Federazione Ciclistica Italiana technical supervisors' educational training by adopting the evidence-based coaching approach"</i> .
	n. 2 scholarships co-funded by the Univet Srl and by DM 352 on the research topic: <i>"Induction and Digital Onboarding for a new Corporate Identity"</i> .
	n. 1 place without scholarship:
Admission requirements	See art. 2 PhD Call 38 th cycle - Academic Year 2022/2023.
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).

	<u>A) 4 scholarships funded by the University, 1 place without scholarship.</u> 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). <u>B) 1 scholarship co-funded by the Umana Analytics Srl and from the DM 352 on the research topic: “Behavioural economics, Marketing, and Sales in B2B services”.</u> Applicants who apply for the above-mentioned research topic will undergo the oral exam as in A) integrated by a supplementary interview of suitability regarding the specific research topic. <u>C) 1 scholarship co-funded by the Federazione Ciclistica and from the DM 352 on the research topic: “Modernisation of the Federazione Ciclistica Italiana technical supervisors’ educational training by adopting the evidence-based coaching approach”.</u> Applicants who apply for the above-mentioned research topic will undergo the oral exam as in A) integrated by a supplementary interview of suitability regarding the specific research topic. <u>D) 2 scholarships co-funded by the Univet Srl and from the DM 352 on the research topic: “Induction and Digital Onboarding for a new Corporate Identity”.</u> Applicants who apply for the above-mentioned research topic will undergo the oral exam as in A) integrated by a supplementary interview of suitability regarding the specific research topic. <u>E) 1 scholarship funded from the DM 351 on the topic: “Human behaviour drivers in Public Administration’s economic decision processes”.</u> Applicants who apply for the above-mentioned research topic will undergo the oral exam as in A) integrated by a supplementary interview of suitability regarding the specific research topic. <u>F) 1 scholarship funded from the DM 351 on the topic: “Technological innovation and human behaviour drivers in economic decision processes”.</u> Applicants who apply for the above-mentioned research topic will undergo the oral exam as in A) integrated by a supplementary interview of suitability regarding 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 19 th of September 2022 at 10.00 am, on the Microsoft Teams platform.

PhD Course in	BUSINESS, INSTITUTIONS, MARKETS
Coordinator	Prof. Federico BRIOLINI - Department of Legal and Social Sciences email: federico.briolini@unich.it
Duration	3 years - Starting date: November 1 st , 2022
Disciplines	PROBABILITY AND STATISTICS, ECONOMIC AND POLITICAL GEOGRAPHY, CONSTITUTIONAL LAW, PUBLIC LAW, ADMINISTRATIVE LAW, INTERNATIONAL LAW, PHILOSOPHY OF LAW, ECONOMICS, ECONOMIC POLICY, ECONOMETRICS, APPLIED ECONOMICS, BUSINESS ADMINISTRATION AND ACCOUNTING STUDIES, FINANCIAL MARKETS AND INSTITUTIONS, COMMODITY SCIENCES, ECONOMIC STATISTICS, MANAGEMENT, INFORMATICS
PhD Programme description	The Ph.D. programme in BUSINESS, INSTITUTIONS, MARKETS (BIM) lies mainly within the sectors of the European Research Council (ERC) "SH1 Individuals, institutions and markets" and "SH2 Institutions, values, beliefs and behavior". The title of the programme derives from the integration of these sectors. This area of research stands out for its markedly interdisciplinary approach to complex issues regarding companies, the markets in which they operate, their interrelations with other institutions, as well as the natural environment and territory. The PhD program in BIM aims at training high-profile scholars able to analyse complex problems in the economic and law sectors through a multidisciplinary approach, also including information technology and mathematical skills. At the completion of their studies, doctoral students will have assimilated an integrated knowledge of the theoretical and methodological issues of business, economic and law disciplines and will be able to use the acquired tools for the analysis and solution of both theoretical and empirical problems. The PhD Training Programme includes courses aimed at homogenising the common body of knowledge necessary for the development of multidisciplinary interactions, as well as specialised courses aimed at developing original research, the results of which can be subject to publication through the best scientific channels of the field. The enhancement of each student's skills will take place through individual research projects, through sharing and cross-fertilisation of the various disciplinary approaches in order to arrive at the ultimate goal of developing critical thinking skills and scientific autonomy. The doctoral students are required to spend abroad a minimum period of three months throughout the three years carrying out research activities in internationally-recognised training and research organisations.
Available positions	n. 8 places, of which: n. 4 scholarships funded by the University n. 1 position reserved to employees (maintaining their salary) of the Cineca Consorzio Interuniversitario, involved in high qualification activities (industrial Doctorate) on the topics "The role of in-house companies in the European Union: comparison and perspectives". n. 1 position reserved to employees (maintaining their salary) of the Cineca Consorzio Interuniversitario, involved in high qualification activities (industrial Doctorate) on the topics "Administrative procedure to support awarding of public contracts to in-house companies: economic and legal requirements". n. 2 positions with PNRR as follows: n. 1 scholarship PNRR funded by the DM 351/2022 on the topics "Innovative qualitative approaches, methods and tools for the ecological and digital transition of businesses, social inclusion and territorial cohesion" (article 7, DM 351/2022). n. 1 scholarship PNRR funded by the DM 351/2022 on the topics "Urban regeneration as a driver for ecological and energy transitions: potentials, limits and possible scenarios, also in light of the PNRR and subsequent measures" (article 8, DM 351/2022)
Admission requirements	See article 2 PhD Call 38 th cycle - Academic Year 2022/2023.

Language/s	English knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	1. <i>CV</i> (limited to academic degrees and scientific and/or professional achievements consistent with the Ph.D. programme; max 10 000 characters); 2. <i>diploma supplement</i> or list of the examinations and marks (included final marks of the 2nd level degree); 3. <i>abstract</i> of the 2nd level degree thesis (max 10 000 characters); 4. <i>research proposal</i> (max 10 000 characters).
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, only for those candidates applying for a position bound on a specific research topic). 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 22nd September 2022 at 9:30 am in the Campus headquarters of Pescara, Viale Pindaro, 42. If it will not be possible to carry out the exam in presence due to the Covid-19 emergency, the exam will be held in remote 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 1 st 2022
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. 11 places of which: n. 4 scholarships funded by the University n. 4 positions reserved to foreign PhD students possessing a fellowship from a foreign country n. 1 scholarship funded by the DM 351 on the topic: "Pittura funeraria a rischio: dalla ricerca interdisciplinare (analisi archeometriche, diagnostiche ed iconografiche) a valorizzazione integrata per una fruizione inclusiva e sostenibile" n. 1 position reserved to employees (maintaining their salary) of the Centro per il libro e la lettura, involved in high qualification activities (Industrial Doctorate) on the topic: "Il libro come bene culturale e la lettura come esperienza attiva, cognitiva e inclusiva, anche con riferimento a metodologie innovative e alla valorizzazione del libro come prodotto storico e artistico" n. 1 scholarship funded by ERC-2017-ADG "Graff-IT. Writing on the Margins. Graffiti in Italy, 7th to 16th century", on the topic: "Studio dei graffiti in ambienti ipogei di origine naturale dell'Italia meridionale"
Admission requirements	See art. 2 PhD Call 38 th cycle - Academic Year 2022/2023.
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. presentation letter by experts or professors.
Selection procedures and criteria	Selection procedures and criteria for applicants to the 4 grants funded by the University and 1 grant funded by the DM 351 on the topic "Pittura funeraria a rischio: dalla ricerca

interdisciplinare (analisi archeometriche, diagnostiche ed iconografiche) a valorizzazione integrata per una fruizione inclusiva e sostenibile" 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).

For the written exam, candidates can choose one of the following options:

- 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 topic: methods, issues, history and critical analysis of works and artistic phenomena
- composition on an archeological topic: methodological, chronological, iconographic, documentation and enhancement issues.

Each of the above-mentioned options will be chosen among 3 possible topics prepared by the Admission Board in advance.

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.

The oral interview 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 grant funded by the DM 351 on the topic "Pittura funeraria a rischio: dalla ricerca interdisciplinare (analisi archeometriche, diagnostiche ed iconografiche) a valorizzazione integrata per una fruizione inclusiva e sostenibile" a supplementary oral interview is foreseen, which leads to a specific judgment of suitability.

Selection procedures and criteria for applicants to the 4 grants funded by foreign countries are as follows:

- qualifications (max score 40 out of 100);
- the research proposal (max score 60 out of 100).

Selection procedures and criteria for applicants to the 2 grants, 1 position reserved to employees of the Centro per il libro e la lettura on the topic "Il libro come bene culturale e la lettura come esperienza attiva, cognitiva e inclusiva, anche con riferimento a metodologie innovative e alla valorizzazione del libro come prodotto storico e artistico" and 1 scholarship funded by ERC-2017-ADG "Graff-IT. Writing on the Margins. Graffiti in Italy, 7th to 16th century" on the topic "Studio dei graffiti in ambienti ipogei di origine naturale dell'Italia meridionale", 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. The interview 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 5 grants funded by the University "G. D'Annunzio" will take place on the 12th September 2022 at 10.30 a.m, in Classrooms 1 and 2 of the Chieti campus. The interview, which includes grants on a specific topic, will take place on the 26th September 2022 at 10.30 a.m., in Classroom A ('L. Mucciante') of the Chieti campus. Should it not be possible to carry out the examination in person, due to the Covid-19 guidelines, the written test will be cancelled and candidates will only be interviewed, through the Microsoft Teams platform, on the 26th September at 9.30 a.m.

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 1 st ,2022
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_3 Civil 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 or International Doctorate). 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. 8 places of which: n. 3 scholarships funded by the University; n. 2 scholarships funded by Department of Architecture; n. 2 positions with PNRR as follows: n. 1 scholarship co-funded by DM 352 and Company Parco Nazionale della Maiella on the research topics: The Majella quarries: mining landscape and society between 19th and 20th century.

	n. 1 scholarship funded by the DM 351 on the topic: "Quality principles in the assessment of interventions on built cultural heritage and landscape.
	n. 1 position reserved to employees (maintaining their salary) of the Company Parco Nazionale della Maiella (industrial doctorate) on the research topic: "Interactions between wildlife protection programs and landscape transformation dynamics"
Admission requirements	See art. 2 Ph D Call 38 ^h cycle - Academic Year 2022/2023
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 2022 at 10.00 a.m. in the "Aula Dottorato", Department of Architecture, situated in the Campus headquarters of Pescara, Viale Pindaro, 42 - Pescara. If it will not be possible to carry out the exam in presence due to the Covid-19 emergency, the exam will be held in remote on the Microsoft Teams platform.

PhD Course in	ENGINEERING SCIENCE
Coordinator	Prof. Luigi BERARDI - Department: Engineering and Geology email: luigi.berardi@unich.it
Duration	3 years - Starting date : November 1 st 2022
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/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
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 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. 6 places of which: for curriculum in "Engineering for Sustainable and Resilient Infrastructures" n. 2 scholarships funded by the University n. 1 scholarship co-funded by the DM 352 and from the ASDEA on the research topic: <i>"Artificial intelligence applied to structural engineering"</i>. for curriculum in "Engineering for Well-being and Health". n. 2 scholarships funded by the University n. 1 scholarships funded by the DM 351 on the research topic: <i>"Bioengineering for the 21st century medicine: from computational to AI based methods"</i>.
Admission requirements	See art. 2 PhD Call 38 th cycle - Academic Year 2022/2023
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 Italian or in English (max 10.000 characters); 4. diploma <i>Supplement</i> (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 through 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 27th September 2022 at 09:00 a.m. in the room 31 situated in the Campus headquarters of Pescara, Viale Pindaro, 42 – Pescara or in remote if chosen by the candidate. If it will not be possible to carry out the exam in presence due to the Covid-19 emergency, the exam will be held in remote on the Microsoft Teams platform

PhD Course in	GEOSCIENCES
Coordinator	Prof. Nicola SCIARRA - Department of Engineering and Geology email: nicolasciarra@unich.it
Duration	3 years - Starting date: November 1 st , 2022
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 covered 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 period comparing with 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 deformations at regional and local scales, the genesis and evolution of orogenes and fault systems, the relationships between earthquakes and geological, active, quaternary structures and inherited on earthquakes and their source mechanisms. 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. 10 places of which:
	n. 3 scholarships funded by the University
	n. 1 scholarship co-funded by the University and the IRSN on the research topic: <i>"Fault Displacement Hazard on Principal Fault rupture: probability of occurrence, slip distribution and role of surface geology"</i> .
	n. 1 scholarship funded by the INGV on the research topic: "Analysis of geometric, kinematic, and dynamic relationships between active deformation and Quaternary faulting for poorly known and potentially seismogenic structures in key areas of the central Apennines "
	n. 2 scholarships funded by the International Research School of Planetary Science – IRSPS on the research topic: <i>"Geology and internal processes of Mercury in support of ESA's BepiColombo mission"</i>
	n. 1 scholarship funded by the International Research School of Planetary Science – IRSPS on the research topic: <i>"Geology and internal processes of Venus in support of NASA's VERITAS mission"</i> .
	n. 1 scholarship funded by the DM 351 on the topic: "The contribution of the Geosciences in the ecological transition "
	n. 1 position reserved to employees (maintaining their salary) of the STATEC, involved in high qualification activities (industrial Doctorate) on the topic: "Development of numerical codes to aid and improve the quantitative assessment of seismic amplification and induced instability"
Admission requirements	See art. 2 of PhD Call 38 th cycle - Academic Year 2022/2023.
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. 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).
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). 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 score required: 60/100.

Exam date	The oral exam will take place on the 15th September 2022 , at 9:00 a.m at Meeting Room Department INGEO – IV Floor ex-Rettorato Building at the Campus Universitario Madonna delle Piane – Chieti Scalo . In the event of a new Covid-19 emergency, the exam will be held in remote on the Microsoft Teams platform.
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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 - Starting from 1 st November 2022
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	n. 8 positions of which:
	n. 4 scholarships funded by the University of Chieti-Pescara
	n. 1 position without scholarship
	n. 1 position reserved for employees (maintaining their salary) belonging to the Italian company Bond Factory Srl, already engaged in highly qualified and research activities (Industrial Ph.D. programme) on the following bound topic: <i>"Promoting sustainability: Economics, education, and manufacturing for fashion and design research"</i> .
	n. 2 positions with PNRR as follows:
	n. 1 position with scholarship funded by the DM 351 on the bound topic: <i>"Structural change and technological dynamics: Experimental and computational approaches to understand decision-making and economic behaviour for the benefit of public services"</i> .
	n. 1 position with scholarship co-funded by the DM 352 and SGE Srl on the bound topic: <i>"Multidimensional metalogical complexity in heuristic and analytical decision-making: a quantum-mathematical contribution for technological applications and digital transformation"</i> .
Requirements	See article 2, Call for applications (competitive examination) for the 38th Ph.D. cycle, Academic Year 2022/2023.
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 (max 10 000 characters); 2. Abstract of the Master's degree thesis (second level degree postgraduate qualification) (max 10 000 characters); 3. Research proposal; 4. List of referenced publications (e.g., ISSN, ISBN, and/or other bibliographies) if available; 5. Presentation letter by acknowledged experts and/or professors (if available).
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). Specifically, it 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) a 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 the 13 th September 2022 at 10:00 a.m. in the "Aula 1 of Polo Didattico" at the Chieti Campus, Via dei Vestini, no. 31 – University Campus. In

	the event of a new Covid-19 emergency, the exam will be held in remote on the Microsoft Teams platform.
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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 1 st , 2022
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. 14 places of which: n. 3 scholarships funded by the University n. 6 positions with PNRR as follows: n. 3 scholarships funded by the DM 351 on the topic: <i>"Innovative methodologies applied in basic and clinical research"</i>. n. 1 scholarship co-funded DM 352 and IRCCS Bonino Pulejo on the topic: <i>"Organoids derived from human mesenchymal stem cells: a platform for spinal cord injury"</i> n. 1 scholarship co-funded DM 352 and BioGaia on the topic: <i>"Antimicrobial and antibiofilm activities of new probiotics for future application in human health"</i>. n. 1 scholarship co-funded DM 352 and Hortus Novus srl on the topic: <i>"Saffron biomolecular activity: a multidisciplinary study a therapeutical approach for the atherosclerotic disease"</i>. n. 5 positions reserved to employees (maintaining their salary) of the Company ASL 02 Lanciano, Vasto, Chieti (industrial doctorate) on the topic: <i>"Innovative technologies in clinical practice"</i>
Admission requirements	See art. 2 PhD Call 38 th cycle - Academic Year 2022/2023.
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); 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 26th September 2022 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 due to the Covid-19 emergency, the exam will be held in remote on the Microsoft Teams platform

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 1 st , 2022
Research area	10; 11
Academic disciplines list	Cinema, photography and television (L-ART/06); Romance philology and linguistics (L-FIL-LET/09); Literary criticism and comparative literature, (L-FIL-LET/14); Glottology and linguistics (L-LIN/01); French literature (L-LIN/03); Language and translation – French (L-LIN/04), Spanish literature (L-LIN/05); Spanish Languages (L-LIN/07), English literature, (L-LIN/10); Anglo-American languages and literatures (L-LIN/11); Language and translation - English (L-LIN/12); German literature (L-LIN/13) Language and translation - German (L-LIN/14); Slavic studies (L-LIN/21); Arabic language and literature (L-OR/12); Language and literatures of China and Southeast Asia (L-OR/21); Italian literatures (L-FIL-LET/10); Germanic philology (L-FIL-LET/15); Contemporary history (M-STO/04).
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. 4 scholarships funded by the University .
	n. 1 place without scholarship
	See art. 2 PhD Call 38 th cycle - Academic Year 2022/2023.
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	- CV in the European format (max 10.000 characters); - research project, in Italian or in English (max 10.000 characters); - diploma <i>Supplement</i> (or the list of exams taken as part of the degree course with relative grades); - 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; - any other official university degree issued by a higher education institution or working experience relevant to the PhD program.
Documentation in PDF	Qualifications and exams:

format to be attached online (max 5MB for each document)	- 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. Minimum overall score required to be admitted: 60/100.
Selection procedures and criteria	The oral exam will take place on the 12th September 2022 at 09:30 a.m. in the Classroom 27/B, situated in the Campus headquarters of Pescara, Viale Pindaro, 42 - Pescara. If it will not be possible to carry out the exam in presence due to the Covid-19 emergency, the exam will be held in remote on the Microsoft Teams platform

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 1 st , 2022
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 is designed to prepare graduate researchers in scientific disciplines from different fields of medical biomedical and biotechnological areas. The training will include the achievement of objectives related to the use of innovative techniques and methods (genomics, proteomics, metabolomics) apt to increase the effectiveness of adaptive approaches, pharmacological and technological regenerative medicine and/or reconstructive. This will allow to address issues related to induced changes from age and/or different physiopathological states in specific tissues of man and apparatuses. In particular, will be addressed and developed techniques using stem cells and scaffolds of new generation for the approach to the problems associated with the processes of repair and/or recovery of skeletal muscle, heart, bone and eye. Some diseases such as cardiovascular disease, inflammation and various cancer forms will be investigated with biotechnological approaches in order to identify and develop both early markers of pathogenesis and new therapeutic approaches. In dentistry, the research fields will be related to the biological properties and the ability to use in the clinic many biomaterials used to replace the bone. The goal will be the use of some of these biomaterials engineered with stem cells for the regeneration of tissues and the development of diagnostic methods such as microscopy confocal <i>in vivo</i> , enabling a precise assessment of functional impairment
Curricula	Functional Biotechnologies
	Technological Innovation in Cardiovascular and Pharmacological Sciences
	Biotechnologies in Integrated Surgery
Available positions	n. 12 places of which:
	n. 3 scholarships funded by the University
	n. 5 positions with PNRR as follows:
	n. 1 scholarships funded by the DM 351 , on the topic: " <i>Innovative diagnostics and therapies in precision medicine</i> "
	n. 1 scholarships funded by the DM 351 , on the topic: " <i>Development of a new dry blood spot test for antibody monitoring and serosurveillance in viral infections</i> "
	n. 1 scholarship co-funded by the DM 352 and from the Fondazione Villaserena per la ricerca on the exclusive project " <i>Inflammaging in chronic and degenerative diseases: development of new approaches in regenerative medicine. Bioinspired 3D printed nanostructures for controlled release of bioactive substances in Oncology and Regenerative Medicine</i> "
	n. 1 scholarship co-funded by the DM 352 and from the Fondazione Villaserena per la ricerca on the exclusive project " <i>Inflammaging in chronic and degenerative diseases: development of new approaches in regenerative medicine. Microstructures with multipotential biocompatible biointerfaces in several different fields of Biomedicine</i> "
	n. 1 scholarship co-funded by the DM 352 and from the Pediatric Bambino Gesù Hospital (IRCCS) on the exclusive project " <i>Development of artificial intelligence models for the identification of biomarkers in paediatric neuro-oncology through the integration of multi-omics data (radiomics, metabolomics, proteomics and flow cytometry clustering analysis)</i> "
	n. 1 position reserved to employees (maintaining their salary) of the Company WATERS SAS , involved in high qualification activities (industrial Doctorate)
	n. 1 position reserved to employees (maintaining their salary) of the Company Alfasigma S.p.A. , involved in high qualification activities (industrial Doctorate)

	n. 1 position reserved to employees (maintaining their salary) of the Company Azienda Sanitaria Locale n.2 Lanciano-Vasto-Chieti , involved in high qualification activities (industrial Doctorate).
	n. 1 position without fellowship
Admission requirements	See art. 2 PhD Call 38 th cycle - Academic Year 2022/2023.
Language/s	English knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	1. CV (in European format, limited to academic degrees and scientific and/or professional achievements coherent to the Ph.D. program; max 10.000 characters); 2. diploma supplement or list of the examinations and marks (included marks of the 2^o level degree); 3. name, qualification, affiliation and e-mail of one expert willing to send, on request of the Admission Committee, a presentation letter; 4. abstract of the 2nd level degree thesis (max 10.000 characters); 5. research proposal (max 10.000 characters); 6. list of publications (if available) with bibliographical references to ISSN/ISBN or DOI; 7. 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; c) a given topic in English language, chosen among several ones, selected by the Admission Committee (for foreign applicants, the interview will be carried out in English); d) the research proposal. Minimum score required: 60/100.
Exam date	The oral exam will take place on the 22nd September 2022 at 09.00 a.m. on the Microsoft Teams platform.

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 1 st , 2022
Disciplines	Applied Physics, Biomedical Engineering, Medical Genetics, Pathology, Psychiatry, Neurology, Diagnostic imaging and Radiotherapy, Neuroradiology, Methods and Teaching of Sport Sciences, Psychobiology and Physiological Psychology, Developmental and Educational Psychology, Dynamic 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 more widespread and advanced large scale neuroimaging.
Available positions	n. 13 positions of which:
	n. 5 with scholarship funded by the University ,
	n. 2 with two-year scholarship (for the 2nd and the 3rd year of the PhD course) funded by the project " Departments of Excellence " and Department of Neuroscience, Imaging and Clinical Sciences , reserved to students graduated in Medicine and Surgery and belonging to the MD-PhD track of the Departments of Excellence project of the Department of Neuroscience, Imaging and Clinical Sciences.
	n. 1 position without scholarship
	n. 1 position reserved to employees (maintaining their salary) of the Cineca Consorzio Interuniversitario , involved in high qualification activities (industrial Doctorate) on the topic: "Applications of advanced computer science in imaging in the neurosciences, and in diagnostic neurology, such as: the application of deep learning techniques in image diagnostics, with particular emphasis on magnetic resonance imaging multimodal techniques, but also with other techniques such as CT or US; the generation of biophysical models for the interpretation of neuroimaging data such as diffusion MRI data, but also other static or dynamic data such as perfusion, or local physiologic data measured or estimated inside the brain; the analysis of multimodal imaging data for the fusion of anatomical images (MR, CT, US), large scale electrophysiological patterns (EEG,MEG), physiologic-metabolic images (perfusion, oxygen consumption, etc.)."
	n. 4 positions with PNRR as follows:
	n. 1 scholarship funded by the DM 351 on the research topic: "Opportunities for action: investigating body representation and body-space interaction in Multiple Sclerosis".
	n. 1 scholarship funded by the DM 351 on the research topic: "Temporal discounting as a risk factor and a predictive marker of mental health: neurocognitive analysis and modulation with advanced and personalized treatment methods".
	n. 1 scholarship co-funded by the DM 352 and from the VILLA MARIA PIA SRL on the research topic: "Psychopathological and neuroimaging correlates in treatment resistant depression, and in dual disorders".
	n. 1 scholarship co-funded by the DM 352 and from the Centro Socio Sanitario Assistenziale San Francesco, Fondazione Padre Alberto Mileno Onlus on the

	research topic: "Implementation of precision algorithms based on machine learning for treatment resistant depression".
Admission requirements	See art. 2 of the PhD Call 38 th cycle - Academic Year 2022-2023
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 8th of September 2022 at 10:00 AM in the Aula Galileo Galilei, Institute for Advanced Biomedical Technologies, situated in the University Campus of Chieti, via Luigi Polacchi 11 – Chieti (for Italian candidates), or on Microsoft Teams for foreign-resident candidates. According to the number of candidates, the oral exams may extend over several days: the calendar, following 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 1 st , 2022
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 training ecosystem featuring 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 aims to develop a problem-solving culture, exploiting 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 potential. The educational path of the PhD programme will be divided into two main training areas: 1) methods and instruments, with a further subdivision between “advanced psychological methods and instruments” and “advanced instruments of other methodological domains” (data science, network science, modelling); 2) applications of psychology, with a further subdivision between “advanced applied psychology” and “interdisciplinary applications” (industrial, health and well-being, political-normative, etc.). Other teaching modules will be provided, covering advanced topics in research (methodology, data analysis, ethics), scientific writing, project writing and management, public communication, intellectual property, scientific entrepreneurship and other core skills 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. An international advisory board will be involved in monitoring the projects, in order to maximize their scientific impact and to fully enhance their application potential. Research themes: 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, the investigations on the neural substrates and the psychometrical modelling of perceptual, cognitive and personality mechanisms. 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. 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 effects (e.g. cognitive training, treatment of cognitive and affective dysfunctions), 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

	disciplinary areas. The laboratories are equipped with cutting-edge technologies that allow you 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 service 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. The students will spend at least 3 months abroad at Universities or Research Centres (6 months in the case of the bound topic).
Available positions	n. 5 positions of which:
	n. 2 scholarships funded by the University
	n. 2 positions with PNRR as follows:
	n. 1 scholarship funded by the DM 351 , on the bound topic “Prevention and early screening of cognitive decline: the role of new technologies”
	n. 1 scholarship funded by the DM 351 , on the bound topic “Aging management between well-being and performance in the Public Administration”
	n. 1 position reserved to employees (maintaining their salary) of the Compagnia delle Opere-Marche Sud , involved in high qualification activities (industrial Doctorate) on the bound topic “Psychosocial aspects of interorganizational relations”
Admission requirements	See art. 2 Ph.D. Call 38 th cycle - Academic Year 2022/2023.
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; 2. abstract of the Master Thesis (max 500 words); abstracts of presentations at conferences and scientific posters; publications in scientific journals; 3. text of an original scientific project in line with the research areas of the doctoral course (max 2000 words excluding references; max 10 references); 4. certificates of scientific awards, scholarships, tutoring activities;

	5. 1 presentation letter by an expert external to the doctoral course scientific board (https://www.disputer.unich.it/phd-e-master/dottorato-psicologia-phd-psychology/collegio-dei-docenti); 6. 1 motivation letter (max 500 words).
Selection procedures and criteria	QUALIFICATIONS AND INTERVIEW. The selection will consist of: - preselection based on qualifications and scientific project (max score 50/100); - interview (max score 50/100). The preselection based on qualifications (CV, thesis and presentation/poster abstracts, publications, certificates, reference and motivation letter) and on the scientific project is binding for admission to the interview, and is considered 'passed' with a score of at least 30 points. The interview will include a presentation of the scientific project and a general discussion with the Selection Committee. If the candidate chooses to compete for the scholarship of one of the pre-defined research topics, a supplementary discussion is required to assess suitability. The minimum score to be included in the eligible list is 60/100.
Exam Date	The oral exam will take place on the 14th September 2022 at 9.00 am; The exam will be held at AULA CONSILIARE DI PSICOLOGIA (Palazzina "Ex-Farmacia", Chieti Campus) or remotely, and indications concerning the chosen platform will be specified later. Foreign applicants will be contacted via email by the Committee to define the date and time of the interview.

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 1 st , 2022
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. 13 places of which: n. 2 scholarships funded by the University n. 11 positions with PNRR as follows: n. 4 scholarships funded by the DM 351 on the topic: <i>"Sustainability in the economy, health, environment and urban areas"</i> n. 1 scholarship co-funded by the DM 352 and from the Associazione Lega Regionale Cooperative e Mutue d'Abruzzo on the research topic: <i>"Governance and mutuality for innovation and sustainability of cooperatives"</i>. n. 1 scholarship co-funded by the DM 352 and from the IZEN Implant on the research topic: <i>New innovative solutions to increase the wellness and comfort of the patients in implantology"</i>. n. 1 scholarship co-funded by the DM 352 and from the B.& B. Dental Srl on the research topic: <i>"In vitro and in vivo evaluation of a biomaterial of heterologous origin (bovine)"</i> n. 1 scholarship co-funded by the DM 352 and from the Terme di Saturnia SpA on the research topic: <i>"The economic model of the Thermal System as a sustainable tool of primary prevention through the assets of psycho-physical well-being (nutrition, physical exercise, natural / thermal medicine, etc.) and enhancement of the economic and institutional fabric of the territory"</i>. n. 1 scholarship co-funded by the DM 352 and from the Terme di Saturnia SpA on the research topic: <i>"Innovation of integrated marketing systems (digital and off-line) in the spa sector and in global health/spa tourism. From internationalization strategies to the elasticity of demand and pricing to the brand strategy of wellness products dedicated to the retail channel"</i>. n. 1 scholarship co-funded by the DM 352 and from the Terme di Saturnia SpA on the research topic: <i>"The effectiveness of thermal water on the regulation of skin (sulphurous) and intestinal microbiota (calcium bicarbonate sulphate water)"</i>.

	n. 1 scholarship co-funded by the DM 352 and from the Gespo Srl on the research topic: <i>"Green Ports. Strategy for the sustainable development of the territory"</i> .
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 2022 at 09:00 a.m. Sala convegni - CAST - situated in the Campus headquarters of Chieti, Via Polacchi – Chieti Scalo. If it will not be possible to carry out the exam in presence due to the Covid-19 emergency, the exam will be held in remote on the Microsoft Teams platform,

PhD Course in	SOCIAL SCIENCES
Coordinator	Prof. Michele CASCAVILLA - Department of Legal and Social Sciences . email: m.cascavilla@unich.it
Duration	3 years - Starting date: November 1 st , 2022
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, 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 law knowledge. The course aims to promote the integration between the theoretical sociological reflection and the current emerging problems, carrying out field research with quantitative, qualitative and mixed methods methodologies, also in the digital field. In fact, in the context of the PhD, innovative research paths will be particularly valued, experimenting with models of analysis that take due analysis of social, cultural and technological changes in society. The aim is to foster an applied knowledge of the Social Sciences, the development of operational skills and the practical use of the social sciences as forms of practical knowledge. In order to achieve the general educational objectives and the three research curricula prepared, in order to facilitate the achievement of the necessary scientific maturity, PhD students will be specifically followed by tutors, which will support and support the implementation of the research projects identified and proposed. Always in this direction, at the end of each year, the PhD candidate will present to the College the results of his research work, subject to the approval of the scientific tutor, during a dedicated public dissemination initiative. Students are expected to undergo a visiting period for study and research purposes of at least 6 months.
Curricula	Sociology and methodology of social research Crime, security and social change Philosophy and historical interpretations of social and political phenomena
Available positions	n. 5 places , of which:
	n. 3 scholarships funded by the University (one for each curriculum)
	n. 1 position reserved for employees (maintaining their salary) of the Comune of Montesilvano, involved in high qualification activities (industrial doctorate) on the topic: "Local security and prevention policies."
	n. 1 position reserved for employees (maintaining their salary) of the Lazzaroni Spa , involved in high qualification activities (industrial doctorate) on the topic: "New social paradigms of the production system"

Admission requirements	See art. 2 PhD Call 38 th cycle - Academic Year 2022/2023.
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)
Selection procedures and criteria	Candidates will undergo an oral exam. During the oral exam, candidates will: a) discuss their CV and the master degree dissertation (max 30 points); b) discuss their research proposal (max 50 points); c) undergo an English or another Eu language consistent with the research proposal knowledge assessment (by discussing the above-mentioned points in English in part or totally, max 20 points). 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 on 21st September 2022 at 15.00, University Campus of Chieti. If it will not be possible to carry out the exam in presence due to the Covid-19 emergency, the exam will be held in remote on the Microsoft Teams platform.

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 1 st 2022
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. Contributing to expanding research culture on these topics is therefore perfectly consistent with the main aims of the HORIZON 2020 program. 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. 7 places of which:
	n. 4 scholarships funded by the University
	n. 1 scholarship funded by the Department (project AID 12355) on the topic: "Analysis and exploitation of Field Data to the end of increasing efficacy and efficiency of health systems in underdeveloped countries (Sudan) * *Scholarship winner will be asked to spend at least 12 months of the educational program working in medical facilities in Sudan.
	n. 2 positions with PNRR as follows:
	n. 2 scholarships funded by the DM 351 on the topic: "application of innovative technology and/or development of digital health strategies in the diagnosis and treatment of non communicable chronic diseases"
Admission requirements	See art. 2 PhD Call 38 th cycle - Academic Year 2022/2023
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. diploma supplement or list and scores of exams taken in the courses attended, included final marks of the 2nd level degree; 3. letter of support provided by an expert in the field; 4. graduation thesis abstract and summary (max 10.000 characters); 5. list of publications (if any) with bibliographical references to ISSN/ISBN.
Selection procedures and criteria	Qualifications and exams: - qualifications (max score 40/100); - oral exam (max score 60/100). it will consist of: a) graduation thesis discussion; b) discussion of presents publications (if any); c) English test (consisting of reading and translating a randomly selected scientific English text prepared by the Admission Committee); d) 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. Candidates living abroad asking for a remote interview will be contacted in due time via e-mail by the Admission Committee for scheduling the interview. Minimum score required 60/100.

Exam date	The oral exam will take place on September 13th 2022 at 09:30 a.m. in the Sala Convegni of C.A.S.T situated in the Via Luigi Polacchi, 11 – 66100 Chieti. If it will not be possible to carry out the exam in presence due to the Covid-19 emergency, the exam will be held in remote, indications concerning the chosen platform will be specified later.
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