

PhD Course	<b>APPLIED SCIENCES FOR BUSINESS INNOVATION</b>
Coordinator	Prof. Alessandro SARRA Department: Economic Sciences email: alessandro.sarra@unich.it
Duration	3 years - Starting date: November 1 <sup>st</sup> , 2023
Research area	Economics and Statistics; Mathematics and Informatics; History, Philosophy, Pedagogy and Psychology
Academic disciplines list	Economics, Economic Policy, Econometrics, Applied Economics, Business Administration and Management, Management, Financial Markets and Institutions, Commodity Science, Economic Statistics, Informatics, Economic and Political Geography
PhD Program description	<p>The PhD program is focused on the study of the transformation processes that firms and production systems are undergoing to adapt to the rapidly changing socio-economic and technological scenarios that started in the first decade of 2000 and strengthened in the pandemic and post-pandemic era.</p> <p>The ASBI PhD program has a strongly applied connotation in the fields of economics, business and quantitative sciences. In particular, it will aim at addressing research problems and carrying out educational activities with an immediate impact on productive systems and institutions. This is in order to strengthen the relationships with the territory, encourage knowledge exchange and support policy choices.</p> <p>The topics, around which the research and teaching activities will be organized, include (but are not limited to): changes in business strategies; structural change in productive systems; current and expected effects of the diffusion of digital technologies at different levels; dematerialization of economies; territorial effects of economic and technological transitions, as well as the related public policies; processes of technological and organizational innovation and their impacts; models and tools for business data analysis; models and tools for multidimensional integrated communication; systems of performance evaluation and control for firms and productive systems; study of analytics for business digitalization processes; study of social and economic inequalities of the territory; economic-statistical analysis of big data and their integration with spatial data; study of artificial intelligence (AI) applications for business processes and strategies. The research topics are addressed at the business/firm level (microeconomic level) and at the productive system/sector level (meso-economic level).</p> <p>The doctoral students are required to spend abroad a period of six months throughout the three years carrying out research activities in internationally-recognised training and research organisations.</p>
Available positions	<b>n. 1 scholarship PNRR</b> funded by <b>DM 118/23 thematic area "Public administration"</b> on the research topic: "Sustainability, Digitalization and Public Administration"
Admission requirements	See art. 2 PhD Call 39 <sup>th</sup> cycle - Academic Year 2023/2024.
Language/s	English knowledge is required
Documentation in PDF format to be attached online (max 5MB for each document)	<ol style="list-style-type: none"> <li>1. CV (limited to academic degrees and scientific and/or professional achievements consistent with the Ph.D. programme: max 10000 characters including spaces);</li> <li>2. diploma supplement or list of the examinations and marks (included final marks of the 2nd level degree);</li> <li>3. abstract of the 2nd level degree thesis (max 10000 characters including spaces);</li> <li>4. research proposal (max 10000 characters including spaces)</li> </ol>
Selection procedures and criteria	<p>Qualifications and exams:</p> <ul style="list-style-type: none"> <li>- assessment of qualifications and research proposal (max score 50/100);</li> <li>- oral interview (max score 50/100)</li> </ul> <p>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).</p> <p><b>Minimum overall score required to be admitted: 60/100.</b></p>

Exam date

The oral interview will take place on the **23<sup>rd</sup> of October 2023 at 03:00 p.m.** 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: <a href="mailto:carmine.catenacci@unich.it">carmine.catenacci@unich.it</a>
Duration	3 years - Starting date: November 1 <sup>st</sup> 2023
Disciplines	Classical Archeology, Greek History, Greek Language and Literature, Roman History, Latin Language and Literature, Classical Philology, Romance Philology and Linguistics, Medieval Latin Philology and Literature, Palaeography, Medieval Art History, Modern Art History, Contemporary Art History, Museology, Art Criticism and Art Restoration.
PhD Programme description	<p>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.</p> <p>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.</p> <p>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.</p>
Available positions	<p><b>n. 2 places of which:</b></p> <p><b>n. 1 scholarship</b> funded by <b>Passucci Viaggi</b> on the topic: "Archaeoanthropology and Paleodemography for the development of Cultural Tourism in the Sangro area"</p> <p><b>n. 1 scholarship reserved to candidates of the Galleria degli Uffizi di Firenze</b>, on the topic: "Studies on the Agora of Cyrene: the building for public meetings"</p>
Admission requirements	See art. 2 PhD Call 39 <sup>th</sup> cycle - Academic Year 2023/2024.
Language/s	The knowledge of English language is required.
Documentation in PDF format to be attached online (max 5MB for each document)	<ol style="list-style-type: none"> <li>CV in European format (limited to academic degree and scientific achievements which are coherent to PhD program, max 10.000 characters including spaces)</li> <li>diploma supplement or a list of the examination sustained during the Master degree with votation and final votation</li> <li>summary of the Master's degree Thesis (max 10.000 characters including spaces)</li> <li>research proposal (max 10.000 characters including spaces).</li> </ol>
Selection procedures and criteria	<p><b>Qualifications and oral exam</b></p> <ul style="list-style-type: none"> <li>- Qualifications (max score 40 out of 100)</li> <li>- oral exam (max score 60 out of 100).</li> </ul> <p>Oral exam consists in:</p> <ol style="list-style-type: none"> <li>discussion on the degree thesis</li> <li>discussion on the research proposal</li> <li>assessment of English language knowledge through the reading and translation of a text, drawn by the candidate among several ones selected by the committee.</li> </ol>
Exam dates	<b>The oral interview will take place on the 23 of october 2023, at 3 p.m., online on the platform Microsoft TEAMS.</b>

PhD Course in	<b>INNOVATIVE TECHNOLOGIES IN CLINICAL MEDICINE &amp; DENTISTRY</b>
Coordinator	Prof. Oriana TRUBIANI Department: Tecnologie Innovative in Medicina & Odontoiatria Email: <a href="mailto:oriana.trubiani@unich.it">oriana.trubiani@unich.it</a>
Duration	3 years - Starting date: November 1 <sup>st</sup> , 2023
Disciplines	Histology, General surgery, Oral diseases and dentistry, Cardiovascular diseases, Anesthesiology, Nephrology, Urology, Dermatological diseases, Pediatric surgery, Biology, Pathological anatomy, Human anatomy, Infectious diseases, Gynecology and obstetrics, Pediatrics, Diseases locomotor system, Applied medical technology and methodology, Microbiology, Pharmacology.
PhD Programme description	<p>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.</p> <p>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.</p> <p>The major aims proposed by the Doctoral Course are:</p> <ul style="list-style-type: none"> <li>- development and testing of innovative therapies in the treatment of oral pathologies and systemic diseases</li> <li>- evaluation of the therapeutic efficacy of the Regenerative Medicine in the repair, regeneration and replacement of cells / tissues / organs to restore compromised physiological functions</li> <li>- study of cellular signaling related to the regulation of biological functions as a platform for the development of new therapeutic approaches.</li> <li>- evaluation of the clinical advantages and surgical performance associated with the minimally invasive / robotic surgical approaches in complex surgical procedures.</li> </ul>
Available positions	<b>n. 1 scholarships D.M. 117/2023 co-funding by PHILIPS</b> on the research topic: <i>"Effects of direct and indirect cold atmospheric plasma application against oral biofilms"</i>
Admission requirements	See art. 2 PhD Call 39 <sup>th</sup> cycle - Academic Year 2023/2024.
Languages	English knowledge is required
Documentation in PDF format to be attached online ( max 5MB for each document)	<ol style="list-style-type: none"> <li>1. CV European format (max 10.000 characters);</li> <li>2. Summary of the degree thesis (up to 10.000 characters);</li> <li>3. Publication list (including all the bibliographic data, i.e. ISSN; ISBN; DOI);</li> <li>4. Research proposal (max 10.000 characters);</li> <li>5. English language certifications (if available);</li> </ol>
Selection procedures and criteria	<p>Qualifications and exams:</p> <ul style="list-style-type: none"> <li>- qualifications (max score 30/100).</li> <li>- oral exam (max score 70/100):</li> </ul> <p>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).</p> <p><b>Minimum score required: 60/100.</b></p>
Exam date	The oral exam will take place on the <b>23<sup>rd</sup> of October 2023</b> at <b>03.00 p.m.</b> in remote on the Microsoft Teams platform.

PhD Course in	KINESIOLOGY
Coordinator	Prof. Maurizio BERTOLLO - Department: Medicine and Ageing Sciences email: <a href="mailto:maurizio.bertollo@unich.it">maurizio.bertollo@unich.it</a>
Duration	3 years - Starting date : November 1 <sup>st</sup> 2023
Scientific areas	02; 05; 06; 11
Disciplines	M-EDF/01, M-EDF/02; M-PSI/02; BIO/08, BIO/13, FIS/07, MED/09, MED/34, MED/48, MED/50,
PhD Programme description	<p>The interuniversity doctoral research program in Kinesiology is activated at the University G. d'Annunzio of Chieti and Pescara in association with the University Niccolò Cusano with a general agreement for cooperation with the University of Thessaly and the University of Rouen-Normandie and many other international opportunities for mobility and lab experience. The PhD program aims to develop a solid research training in the field of Kinesiology, which is defined as an academic subject that examines physical movement and its effects on "health, society, and quality of life". The PhD in Kinesiology uses evidence-based research to improve movement and performance and to treat and prevent injury and disease. In particular, the program is devoted to enhancing the understanding of the processes and mechanisms underlying the development, maintenance, and improvement of human motor behavior and performance. We use a multimodal and multidisciplinary approach that combines the Sciences and the Humanities perspectives to understand how physical activity, exercise, and sport may contribute to human well-being and health, and how to optimize human performance in any field of life (e. g. well-being and health, sport, art, job). The areas of research include the broad domain of biological, physiological, biomechanical, behavioral, and psychosocial factors influencing human movement, and the analysis of social and cultural transformations related to the role and functions of physical activity in health, well-being, sport, and physical education. Moreover, it will cover specific fields such as chronic disease prevention, exercise and brain aging, and rehabilitation. In the framework of the current theories of Kinesiology, the PhD program addresses questions regarding perception, cognition, and action, how brain, body and behavior interact and develop during the lifespan in different settings. The specificity of our approach resides in the integration of behavioral, biological, and psychological data with functional brain monitoring, respectively performed with biomechanical, biomedical, and psychophysical methods. The international vocation of the PhD is expressed in the involvement of foreign universities and the development of an international training network at a doctoral level, providing opportunities for students' exchange and mobility. Students will be trained in planning and accomplishing original projects inspired by the principles of hypothesis-driven and evidence-based research, grounding teaching, and the Interpretative Phenomenological Analysis.</p> <p>The PhD program will provide students with:</p> <ul style="list-style-type: none"> <li>- Key theoretical and applied expertise to engage in and carry out high quality research activities in academic, private, and public sectors.</li> <li>- A multi-disciplinary and cross-sectoral understanding of kinesiology, sport, and exercise.</li> <li>- Key theoretical and applied expertise for the development, conduction, and completion of original projects motivated by hypothesis-driven and evidence-based principles, grounding teaching, as well as Interpretative Phenomenological Analysis.</li> </ul> <p>Precisely, the PhD program will provide a high-level training in the following areas:</p> <ul style="list-style-type: none"> <li>- Planning, executing, and reporting research projects and results based on a proficient understanding of scientific literature, conventional and advanced methodologies, experimental designs, and protocols.</li> <li>- Mastering of physiological, biological, psychological, pedagogical, and methodological research techniques using innovative tools and techniques, and their application to various experimental models.</li> <li>- Use of psychophysiological and kinesiological tools for data collection.</li> </ul>

	<ul style="list-style-type: none"> <li>- Use of statistical packages for the management, transformation, and analysis (i.e., qualitative, and quantitative methods) of experimental data in physiological, biological, psychological, pedagogical, and methodological research.</li> <li>- Development of essential communication skills, including scientific writing and oral dissemination.</li> <li>- Understanding of the essential research organizational streams of funding and protection of intellectual property, including international and national funding systems, metrics of evaluation for scientific productions, and policies for the exploitation of research results.</li> <li>- Enhanced knowledge and awareness of what comprises both physical and mental health, and their connection to physical activity.</li> <li>- Development of healthy lifestyle habits to promote overall wellness.</li> <li>- Understanding the principles for the improvement of motor skills and the development of muscle strength.</li> <li>- Improving one's understanding of human kinetics.</li> <li>- Improving health and physical activity in connection to specific diseases.</li> </ul>
<b>Available positions</b>	<p><b>n. 2 places</b> of which:</p> <p><b>n. 1 scholarship</b> co-funded by the <b>K-Sport SrL</b> and from the <b>DM 117/2023</b> on the research topic: <b>Monitoring external and internal training load in sport.</b></p> <p><b>n. 1 scholarship</b> co-funded by the <b>eemagine Medical Imaging</b> and from the <b>DM 117/2023</b> on the research topic: <b>Neurofeedback in sport.</b></p>
<b>Admission requirements</b>	See art. 2 PhD Call 39 <sup>th</sup> cycle - Academic Year 2023/2024
<b>Language</b>	English knowledge is required
<b>Documentation in PDF format to be attached online (max 5MB for each document)</b>	<ol style="list-style-type: none"> <li>1. CV in the European format (max 10.000 characters)</li> <li>2. Diploma supplement or transcript of record with the rating for each exam and the final score of the Degree</li> <li>3. Abstract of Master Thesis (max 10.000 characters)</li> <li>4. Research project in English (max 10.000 characters)</li> </ol>
<b>Selection procedures and criteria</b>	<p>Interview (in English online on TEAMS platform)</p> <p>The oral exam will consist of:</p> <ol style="list-style-type: none"> <li>(a) Discussion of Master dissertation</li> <li>(b) Discussion of research project</li> <li>(c) Assessment of English proficiency</li> </ol> <p><b>Minimum score required 60/100.</b></p>
<b>Exam date</b>	The oral exam will take place on <b>October 23rd, 2023 at 03:00 p.m</b> on the TEAMS platform. (The link will be provided directly to the candidates after the closure of the application)

PhD Course in	<b>MEDICAL BIOTECHNOLOGIES</b>
Coordinator	Prof. Stefania FULLE - Department: Neuroscienze, Imaging e Clinical Sciences email: <a href="mailto:stefania.fulle@unich.it">stefania.fulle@unich.it</a>
Duration	3 years - Starting date : November 1 <sup>st</sup> , 2023
Disciplines	Physiology, Biochemistry, Clinical biochemistry and clinical molecular biology, Pharmacology, Human anatomy, Cardiovascular diseases, Oral diseases and dentistry, Eye diseases, Applied medical techniques, Medical and biotechnology laboratory techniques
PhD Programme description	The PhD course is aimed at preparing researchers graduated in different scientific disciplines such as medical, biomedical, and biotechnological areas. The Course will allow to achieve skills related to the use of innovative techniques and methods (genomics, proteomics, metabolomics) to make the adaptive, pharmacological, and technological approaches of regenerative and/or reconstructive medicine more effective in order to address issues related to age-induced changes and/or from different pathophysiological states in specific human tissues and systems. In particular, techniques involving the use of stem cells and innovative scaffold will be applied and developed to face problems associated with repair and/or restoration processes of skeletal muscle, heart, bone tissue, ocular tissue, and the central nervous system. Some pathologies such as cardiovascular diseases, inflammation, and different neoplasm types will be investigated with biotechnological approaches in order to identify and develop both early markers of the pathogenesis and new therapeutic/formulative approaches. Other research topics include the development of innovative pharmaceutical forms and the spatial control of biotechnological drug delivery with the aid of pharmaceutical nanotechnology. In the odontostomatologic area, the research fields will concern: the biological properties and the clinical use of several biomaterials used for bone regeneration; the combination of stem cells and biomaterials for tissue repair applications; and the application of diagnostic methods such as in vivo confocal microscopy allowing a precise assessment of the functional damage. Artificial intelligence will also be used to predict healing.
Curricula	Functional Biotechnologies
	Technological Innovation in Cardiovascular and Pharmacological Sciences
	Biotechnologies in Integrated Surgery
Available positions	<b>n. 2 places</b> of which:
	<b>n. 1 scholarship</b> funded by the <b>University</b> on the research topic: " <i>Biomedical Advanced analytical methods for physiological monitoring</i> ".
	<b>n. 1 scholarship PNRR</b> funded by <b>DM 118/23 thematic area "generic"</b> on the research topic: " <i>Multifunctional therapeutic effects of cold atmospheric plasma in biomedicine</i> ",
	See art. 2 PhD Call 39 <sup>th</sup> cycle - Academic Year 2023/2024.
	English knowledge is required
Admission requirements	<ol style="list-style-type: none"> <li>CV (in European format, limited to academic degrees and scientific and/or professional achievements coherent to the Ph.D. program; max 10.000 characters, spaces included);</li> <li>diploma supplement or list of the examinations and marks (included marks of the 2° level degree);</li> <li>abstract of the 2<sup>nd</sup> level degree thesis (max 10.000 characters, spaces included);</li> <li>research proposal (max 10.000 characters, spaces included);</li> </ol>
Selection procedures and criteria	<p>Qualifications and exams:</p> <ul style="list-style-type: none"> <li>- qualifications (max score 40/100);</li> <li>- oral exam (max score 60/100).</li> </ul> <p>The oral exam will consist of a discussion of:</p> <ol style="list-style-type: none"> <li>degree thesis;</li> <li>the research proposal;</li> <li>assessment of knowledge of the English language (conducted by submitting a passage drawn from an appropriate number of passages prepared by the Commission) for Italian students;</li> </ol>

	4. assessment of knowledge of the Italian language (conducted by submitting a passage drawn from a suitable number of passages prepared by the Commission) for foreign students. <b>Minimum score required: 60/100.</b>
<a href="#">Exam date</a>	The oral exam will take place on the <b>23<sup>rd</sup> October 2023 at 3.00 p.m.</b> and will be held in remote on the Microsoft Teams platform.



PhD Course in	NEUROSCIENCE AND IMAGING
Coordinator	Prof. Cosimo DEL GRATTA - Department of Neuroscience, Imaging and Clinical Sciences email: <a href="mailto:cosimo.delgratta@unich.it">cosimo.delgratta@unich.it</a>
Duration	3 years - Starting date : November 1 <sup>st</sup> , 2023
Disciplines	Applied Physics (incl. Medical Physics and Bio-Physics), Biomedical Engineering, Medical Genetics, Pathology, Psychiatry, Neurology, Diagnostic Imaging and Radiotherapy, Neuroradiology, General Psychology, Psychobiology and Physiological Psychology, Psychometrics, Social Psychology
PhD Programme description	Educational project: Interdisciplinary education for the acquisition of competencies necessary to the practice and the implementation of biomedical imaging, in particular for basic and clinical neurosciences, from the physical principles of imaging techniques, to the development of innovative instrumentation, to the methods of data acquisition and analysis, to the design and conduction of a basic or clinical study, to the publication of the results and their insertion in the present research landscape, and to the preparation of a research project for the participation in competitive calls. Topics of theoretical study, and of hands-on workshops: Methods and models for the analysis of biomedical images. Computational models for the neurosciences. Physical principles and technology for the implementation of innovative instrumentation for biomedical imaging. Study of genomics in normal and pathological conditions and their integration with functional imaging. Integration of neurologic, psychiatric, and diagnostic imaging disciplines for the study of Central Nervous System pathologies. The education includes practical hands-on courses on all the most widespread and advanced large scale neuroimaging.
Available positions	<b>n. 6 positions, of which:</b>
	<b>n. 1 scholarship PNRR</b> funded by <b>DM 118/23 thematic area "generic"</b> focused on the research topic: <i>"Neural correlates of the perception of biological movement in healthy population, and in neurological patients: identification of biological markers as diagnostic tools, and as predictive models"</i> .
	<b>n. 1 scholarship PNRR</b> funded by <b>DM 118/23 thematic area "Public administration"</b> focused on the research topic: <i>"The neurological bases of choice: study of the temporal discounting in multiple sclerosis"</i> .
	<b>n. 1 scholarship</b> co-funded by <b>Maggioli S.p.A.</b> and by the <b>DM 117/23</b> focused on the research topic: <i>"Study of neuro-behavioural plasticity following computerized personalized rehabilitation in various clinical populations"</i> .
	n. 3 two-year scholarships reserved to medical students belonging to the track MD-PhD of the University Gabriele D'Annunzio who will obtain their degree in Medicine and Surgery within October 31 <sup>st</sup> 2023.
Admission requirements	See art. 2 of the PhD Call 39 <sup>th</sup> cycle - Academic Year 2023-2024
Language/s	Knowledge of the English language is required
Documentation in PDF format to be attached online ( max 5MB for each document)	<ol style="list-style-type: none"> <li>CV European format;</li> <li>diploma supplement or list of the examinations and marks (including mark of the second level degree);</li> <li>two presentation letters by two experts (external to the "Gabriele D'Annunzio" University of Chieti-Pescara);</li> <li>abstract of the second level (master) degree thesis (max 10 000 characters);</li> <li>list of publications (if available) with bibliographical references, including ISSN/ISBN .</li> </ol>
Selection procedures and criteria	<p>Qualifications and exams:</p> <ul style="list-style-type: none"> <li>- qualifications (max score 40/100);</li> <li>- oral exam (max score 60/100):</li> </ul> <p>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</p> <p>Only for Italian candidates, a test of reading, comprehension, and verbal fluency of English language. Foreign candidates will do the oral exam in English.</p>

	<p>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.</p> <p><b>Minimum total score required for admission: 60/100.</b></p>
<a href="#">Exam date</a>	<p>The exam will take place on the <b>23<sup>rd</sup> of October 2023 at 03:00 PM</b> on Microsoft Teams. The link to the meeting will be made available in due time to the candidates.</p>

PhD Course in	<b>SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT</b>
Coordinator	Prof. Piero Di Carlo - Department of Advanced Technologies in Medicine & Dentistry email: piero.dicarlo@unich.it
Duration	3 years - Starting date : November 1 <sup>st</sup> , 2023
Disciplines	Business Administration, Science of Finance, Sociology, Atmospheric Physics, Climatology, Geophysics, Environmental Technical Physics, Building Technique, Design, Urbanistics, Odontostomatological Diseases, Applied Biology, Histology, Pharmacology, General And Inorganic Chemistry, Organic Chemistry.
PhD Programme description	<p>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.</p> <p>The course is established on the following three lines:</p> <ol style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>3) Health and Social Inclusion focused on training on the impact of climate, environmental, urban and economy changes on human health, migration, community inclusion.</li> </ol> <p>In the three years, research periods of at least 3 months abroad are required.</p>
Available positions	<p><b>n. 3 places</b> of which:</p> <p><b>n. 1 scholarship</b> co-funded by the <b>Curasept Spa</b> and from the <b>DM 117/2023</b> on the research topic: <i>"Evaluation of innovative strategies and molecules to maintain the patient's periodontal and implant health, taking into account the existing correlations with systemic diseases. How oral health management can affect patient sociability and quality of life"</i></p> <p><b>n. 1 scholarship</b> co-funded by the <b>Dental Leader Corsi Sh.p.k</b> and from the <b>DM 117/2023</b> on the research topic: <i>"Evaluation of the role of fixed orthodontics in changing oral flora in children and adolescents"</i></p> <p><b>n. 1 position reserved to employees</b> (maintaining their salary) involved in high qualification activities (industrial doctorate) at the <b>Azienda Sanitaria Locale di Pescara</b> on the topic: <i>"Regenerative medicine in maxilla-facial defects."</i></p>
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

<p>Documentation in PDF format to be attached online ( max 5MB for each document)</p>	<ol style="list-style-type: none"> <li>1. CV in European format;</li> <li>2. summary of the degree thesis (up to 10.000 characters);</li> <li>3. list of any publication with bibliographic references (e.g. ISSN, ISBN);</li> <li>4. research proposal (up to 10.000 characters);</li> <li>5. any certificate of knowledge of foreign languages.</li> </ol>
<p>Selection procedures and criteria</p>	<p>Qualifications and exams:</p> <ul style="list-style-type: none"> <li>- qualifications (max score 30/100);</li> <li>- oral exam (max score 70/100):</li> </ul> <p>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).</p> <p>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.</p> <p><b>Minimum score required: 60/100.</b></p>
<p>Exam date</p>	<p>The oral exam will take place on the <b>23<sup>rd</sup> October 2023 at 03.00 p.m.</b> and will be held in remote on the Microsoft Teams platform.</p>