



DEPARTMENT OF CULTURES AND SOCIETIES

VACANCIES	N. 1
Academic Recruitment Field	11/E4 - CLINICAL AND DYNAMIC PSYCHOLOGY
Academic Discipline	M-PSI/07 - DYNAMIC PSYCHOLOGY (for Social Work, both Palermo and Agrigento campuses)
Location of the research activity:	Department of Cultures and Societies and Department of Psychology, Educational Science and Human Movement
Location of the teaching activity:	Department of Cultures and Societies (campus of AGRIGENTO) - Department of Psychology, Educational Science and Human Movement
Scientific commitment	The research activities are consistent with the implementation of NRP 21/27: Main research field - Humanistic culture, creativity, social transformations, society of inclusion Area of intervention - Social transformations and society of inclusion Articulation - Psychosocial well-being and quality of life. Analysis of the specific needs of psychological and social well-being; definition of methods and interventions to improve the quality of life; research for the promotion of healthy and sustainable behaviors to prevent and counter the onset or persistence of conflicting and dangerous behaviors, at work, at school, etc.
Number of papers:	12
Foreign language:	English

VACANCIES	N. 1
Academic Recruitment Field	13/B3 - ORGANIZATION AND HUMAN RESOURCE MANAGEMENT
Academic Discipline	SECS-P/10 - ORGANIZATION AND HUMAN RESOURCE MANAGEMENT (for Communication of Cultural Heritage and for Mass Media and Institutional Communication Sciences)
Location of the research activity:	Department of Economics, Business and Statistics – Department of Cultures and Societies
Location of the teaching activity:	Department of Economics, Business and Statistics – Department of Cultures and Societies
Scientific commitment	The research activities are consistent with the implementation of NRP 21/27: Main research field - Humanistic culture, creativity, social transformations, society of inclusion;



	Area of intervention - Cultural heritage Articulation - Application of new economic models for sustainability and resilience. The research will have to undertake a (re)orientation of the conservation / development relationship taking into account that the cultural heritage contains traditional knowledge for a correct management of energy systems. The measurability of the performance and impacts of interventions on cultural heritage, in support of policymaking, must be studied.
Number of papers:	12
Foreign language:	English

VACANCIES	N. 1
Academic Recruitment Field	11/E2 - DEVELOPMENTAL AND EDUCATIONAL PSYCHOLOGY
Academic Discipline	M-PSI/04 - DEVELOPMENTAL AND EDUCATIONAL PSYCHOLOGY (for Social Work, campus of Agrigento)
Location of the research activity:	Department of Cultures and Societies (campus of AGRIGENTO) - Department of Cultures and Societies
Location of the teaching activity:	Department of Cultures and Societies (campus of AGRIGENTO) - Department of Cultures and Societies
Scientific commitment	The research activities are consistent with the implementation of NRP 21/27: Main research field - Humanistic culture, creativity, social transformations, society of inclusion Area of intervention - Social transformations and society of inclusion Articulation - Psychosocial well-being and quality of life Analysis of the specific needs of psychological and social well-being; definition of methods and interventions to improve the quality of life; research for the promotion of healthy and sustainable behaviors to prevent and counter the onset or persistence of conflicting and dangerous behaviors, at work, at school, etc.
Number of papers:	12
Foreign language:	English

VACANCIES	N. 1
Academic Recruitment Field	08/C1 - DESIGN AND TECHNOLOGICAL PLANNING OF ARCHITECTURE
Academic Discipline	ICAR/13 – DESIGN (For all Degree Courses of Communication Sciences)



Location of the research activity:	Department of Cultures and Societies
Location of the teaching activity:	Department of Cultures and Societies
Scientific commitment	The research activities are consistent with the implementation of NRP 21/27: Main research field - Humanistic culture, creativity, social transformations, society of inclusion; Area of intervention - Creativity, design and Made in Italy Articulation - Cultural and creative enterprises for local development and global competitiveness Promote and support the creative and cultural industries through new technologies, forms of entrepreneurship and creative workshops, the enhancement of creative talents; promoting research and innovation, inclusiveness, gender equality; promote socio-economic development with creative innovation of processes and products.
Number of papers:	12
Foreign language:	English

DEPARTMENT OF ENGINEERING

VACANCIES	N. 1
Academic Recruitment Field	09/D2 - SYSTEMS, METHODS AND TECHNOLOGIES OF CHEMICAL AND PROCESS ENGINEERING
Academic Discipline	ING-IND/23 - APPLIED PHYSICAL CHEMISTRY
Location of the research activity:	Department of Engineering
Location of the teaching activity:	Department of Engineering
Scientific commitment	The research activities are consistent with the implementation of NRP 21/27: Main research field: Climate, energy, sustainable mobility Area of intervention: Industrial energetics Articulation: Decarbonisation of industry: local production from RES, efficient and sustainable use of energy and materials, transformation of energy vectors The research activity will concern the production of green-H ₂ starting from the electrolysis of sea water in order not to exploit the water resources of fresh water. An innovative alkaline electrolyser based on nanostructured electrodes, with a high surface area, and based on non-critical and low cost materials, will be developed,



	optimized and tested. The electrodes will be produced with low environmental impact methods.
Number of papers:	12
Foreign language:	English

VACANCIES	N. 1
Academic Recruitment Field	09/D2 - SYSTEMS, METHODS AND TECHNOLOGIES OF CHEMICAL AND PROCESS ENGINEERING
Academic Discipline	ING-IND/26 - ANALYSIS, DESIGN AND CONTROL OF CHEMICAL PROCESSES
Location of the research activity:	Department of Engineering
Location of the teaching activity:	Department of Engineering
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27: Main research field: Food, bioeconomy, natural resources, agriculture, environment Area of intervention: Green technologies Articulation - Reduction of waste and of the demand for critical raw materials through disassembling and materials recovery, remanufacturing and refurbishing approaches.</p> <p>The research concerns the development of an integrated cycle, according to a circular approach, for the enhancement of sea water, in order to ensure the sustainable production of fresh water, electricity and raw materials. The challenges to be faced are related to the reduction of the environmental impact and energy consumption of desalination processes, through the enhancement of the brines produced in order to (I) recover "critical raw materials" and "chemicals" with innovative technologies, based on processes of reactive crystallization and selective separation of species through processes with electromembranes, which contain production costs within competitive values on the reference markets, and (II) produce electricity and / or energy carriers in a sustainable and economically competitive way.</p>
Number of papers:	12
Foreign language:	English

VACANCIES	N. 1
Academic	09/C2 - THERMAL SCIENCES, ENERGY



Recruitment Field	TECHNOLOGY, BUILDING PHYSICS AND NUCLEAR ENGINEERING
Academic Discipline	ING-IND/19 - NUCLEAR POWER PLANTS
Location of the research activity:	Department of Engineering
Location of the teaching activity:	Department of Engineering
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27: Main research field: Climate, energy, sustainable mobility Area of intervention: Industrial energy Articulation: Decarbonisation of industry: local production from RES, efficient and sustainable use of energy and materials, transformation of energy vectors.</p> <p>The research concerns the development of advanced technologies aimed at exploiting nuclear fusion, recently included in the taxonomy of "green energies" by the European Commission, for the production of electricity on an industrial scale, inspired by European and national strategic choices that have the objective to achieve an almost complete decarbonisation of the energy system by 2050 and to be part of the intensive European programs in which our country has been participating for years, in line with the provisions of the 2021-2027 NRP.</p>
Number of papers:	12
Foreign language:	English

VACANCIES	N. 1
Academic Recruitment Field	09/H1 - INFORMATION PROCESSING SYSTEMS
Academic Discipline	ING-INF/05 - INFORMATION PROCESSING SYSTEMS
Location of the research activity:	Department of Engineering
Location of the teaching activity:	Department of Engineering
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27: Main research field - Digital, industry, aerospace Area of intervention: Artificial intelligence Articulation: Artificial intelligence for society</p> <p>Study of machine learning and reasoning models in the field of cybersecurity, aimed at the analysis and retrieval of information from heterogeneous and distributed</p>



	sources, such as the web and social networks, in order to study large-scale social phenomena. Definition of artificial intelligence methods for the detection of polarizing topics, potential vectors for the spread of fake news, study of anomalies in the dissemination of content, through the joint analysis of information flows characterized by different levels of reliability.
Number of papers:	12
Foreign language:	English

DEPARTMENT OF AGRICULTURAL, FOOD AND FOREST SCIENCES

VACANCIES	N. 1
Academic Recruitment Field	07/A1 - AGRICULTURAL ECONOMICS AND APPRAISAL
Academic Discipline	AGR/01 - AGRICULTURAL ECONOMICS AND RURAL APPRAISAL
Location of the research activity:	Department of Agricultural, Food and Forest Sciences
Location of the teaching activity:	Degree courses in the University Campuses of Caltanissetta and Trapani
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27:</p> <p>Main research field – Security for social systems; Food, bioeconomy, natural resources, agriculture, environment.</p> <p>Area of intervention – Bioindustry for the bioeconomy</p> <p>Articulation – Innovative business models for the modern bioeconomy</p> <p>The agri-food chain represents about 13% of the employed and 8.7 percent of the national GDP. There are, however, conditions of backwardness of agricultural and agri-food businesses in the South. The research will contribute to innovating businesses by developing efficient, eco-sustainable, circular and ecosystemic organization, business management and marketing models, enhancing the skills and traditions typical of existing supply chains and helping to build new ones. It will also develop communication models aimed at promoting conscious consumption and healthy and sustainable eating patterns.</p>
Number of papers:	12
Foreign language:	English

VACANCIES	N. 1
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Academic Recruitment Field	07/B1 - AGRONOMY AND FIELD, VEGETABLE, ORNAMENTAL CROPPING
Academic Discipline	AGR/02 - AGRONOMY AND FIELD CROPS
Location of the research activity:	Department of Agricultural, Food and Forest Sciences
Location of the teaching activity:	Degree courses in the University Campuses of Caltanissetta and Trapani
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27:</p> <p>Main research field – Foodstuffs, bioeconomy, natural resources, agriculture, environment</p> <p>Area of intervention - Knowledge and sustainable management of agricultural and forest systems</p> <p>Articulation - Safety and quality of primary productions</p> <p>The decision-making processes applied to soil management and herbaceous production have a significant impact on food security, sustainable development and pollution. The research will make it possible to enhance agro-biodiversity and crop diversification with the inclusion of protein crops; to develop agrotechnologies for the fortification of vegetable productions for the improvement of the safety and quality of primary productions</p>
Number of papers:	12
Foreign language:	English

VACANCIES	N. 1
Academic Recruitment Field	07/B2 - ARBORICULTURE AND FOREST SYSTEMS
Academic Discipline	AGR/03 - ARBORICULTURE AND FRUITCULTURE
Location of the research activity:	Department of Agricultural, Food and Forest Sciences
Location of the teaching activity:	Degree courses in the University Campuses of Caltanissetta and Trapani
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27:</p> <p>Main research field - Food, bioeconomy, natural resources, agriculture, environment</p> <p>Area of intervention - Knowledge and sustainable management of agricultural and forest systems</p> <p>Articulation - Sustainable improvement of primary productions</p> <p>In order to achieve high productivity, modern tree systems must focus on cultural intensification, which however</p>



	places serious limits on sustainability and generates environmental risks. The research aims at the development of innovative solutions, such as the precise and computerized management of irrigation and at the same time the use of local genetic resources, which would allow a reduction in cultivation costs and a reduced and intelligent use of resources (both water and energy) and therefore a “sustainable intensification” of production.
Number of papers:	12
Foreign language:	English

VACANCIES	N. 1
Academic Recruitment Field	07/C1 - AGRICULTURAL, FOREST AND BIOSYSTEMS ENGINEERING
Academic Discipline	AGR/08 - AGRICULTURAL HYDRAULICS AND WATERSHED PROTECTION
Location of the research activity:	Department of Agricultural, Food and Forest Sciences
Location of the teaching activity:	Degree courses in the University Campus of Caltanissetta
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27:</p> <p>Main research field – Security for social systems; Food, bioeconomy, natural resources, agriculture, environment</p> <p>Area of intervention - Bioindustry for the bioeconomy</p> <p>Articulation - Recovery and enhancement of waste and organic products at the end of their life, for the regeneration of soils and environmental protection.</p> <p>Soil erosion is one of the most significant soil degradation processes as it causes the loss of nutrients, diffuse pollution of water bodies and a decrease in biodiversity. The research will make it possible to adopt innovative solutions such as those based on the use of biochar and microbiome-based applications for increasing fertility and functionality of soils and for protection from erosive phenomena.</p>
Number of papers:	12
Foreign language:	English

DEPARTMENT OF ECONOMICS, BUSINESS AND STATISTICS

VACANCIES	N. 1
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Academic Recruitment Field	13/C1 - ECONOMIC HISTORY
Academic Discipline	SECS-P/12 - ECONOMIC HISTORY
Location of the research activity:	Department of Economics, Business and Statistics - Department of Cultures and Societies
Location of the teaching activity:	Department of Economics, Business and Statistics - Department of Cultures and Societies
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27:</p> <p>Main research field - Humanistic culture, creativity, social transformations, society of inclusion</p> <p>Area of intervention - Social transformations and society of inclusion</p> <p>Articulation - Mobility and migration; inequalities and inclusion</p> <p>The research intends to approach the historical disciplines related to socio-economic transformations. In particular, the historiographic perspective is useful in comparing the crisis periods of the twentieth century and those of the twenty-first century, with regard to the effects of great recessions, financial and linked to the spread of pandemics crises. We want to interpret the role of institutions in directing economic dynamics by considering both the relationships between the different levels of government and the comparison of national policies regarding decisions concerning the impact of global phenomena such as international migration, rural-urban transformation and technological changes.</p>
Number of papers:	12
Foreign language:	English

VACANCIES	N. 1
Academic Recruitment Field	12/B1 - BUSINESS LAW
Academic Discipline	IUS/04 - BUSINESS LAW
Location of the research activity:	Department of Economics, Business and Statistics
Location of the teaching activity:	Department of Economics, Business and Statistics, in relation to Degree Courses in decentralized locations.
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27:</p> <p>Main research field – Humanistic culture, creativity, social transformations, society of inclusion;</p> <p>Area of intervention - Creativity, design and Made in Italy</p>



	Articulation - Made in Italy/Restart in Italy Outline a cultural, creative and productive system open and inclusive towards a 5.0 society, of the innovation of processes, products and services, in support of territorial intelligence and human capital - Tools for the restart of the country: experiments and actions aimed at implementation, protection and exploitation of intellectual property.
Number of papers:	12
Foreign language:	English

VACANCIES	N. 1
Academic Recruitment Field	13/B1 - BUSINESS ADMINISTRATION AND ACCOUNTING STUDIES
Academic Discipline	SECS-P/07 - BUSINESS ADMINISTRATION AND ACCOUNTING STUDIES
Location of the research activity:	Department of Economics, Business and Statistics.
Location of the teaching activity:	Department of Economics, Business and Statistics, with regard to Degree Courses also on decentralized locations and teachings in English.
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27 and must be carried out in at least one of the following main research fields:</p> <p>Main research field - Climate, energy, sustainable mobility Area of intervention - Climate change, mitigation and adaptation Articulation - Methods and tools for accounting for the emissions of climate-altering agents</p> <p>The purpose of the research is to encourage companies to develop innovative products and services with a reduced impact on the environment to promote green recovery and overcoming the effects of the crisis in the context of the COVID-19 pandemic</p> <p>Main research field - Digital, industry, aerospace Area of intervention - Innovation for the manufacturing industry Articulation - Inclusive industry, Smart industry, Competitive industry, Resilient industry</p> <p>Create professional company profiles in response to the needs for innovation and competitiveness expressed by</p>



	<p>the business system, through the promotion of research on innovation, digital and enabling technologies.</p> <p>Main research field - Humanistic culture, creativity, social transformations, society of inclusion Area of intervention - Historical, literary and artistic disciplines Articulation - Humanities, democracy and governance</p> <p>Disseminating critical knowledge on the communication put in place by companies in relation to the issues of sustainable development as a contribution to promoting social transformation and the generation of more inclusive social paradigms</p>
Number of papers:	12
Foreign language:	English

DEPARTMENT OF HUMANITIES

VACANCIES	N. 1
Academic Recruitment Field	10/N1 - ANCIENT NEAR EASTERN, MIDDLE EASTERN AND AFRICAN CULTURES
Academic Discipline	L-OR/12 - ARABIC LANGUAGE AND LITERATURE
Location of the research activity:	Department of Humanities
Location of the teaching activity:	Department of Humanities
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27:</p> <p>Main research field - Humanistic culture, creativity, social transformations, society of inclusion; Area of intervention - Historical, literary and artistic disciplines Articulation - Humanities, democracy and governance</p> <p>The research, also taking into account the intense migratory flow from Arabic-speaking countries in our country, aims to substantiate and characterize the European and global image and identities, also in order to form an active and inclusive citizenship for broaden the knowledge in the different cultural realities</p>
Number of papers:	12
Foreign language:	Arabic



VACANCIES	N. 1
Academic Recruitment Field	10/I1 - SPANISH AND LATIN AMERICAN LANGUAGES, LITERATURES AND CULTURES
Academic Discipline	L-LIN/07 - LANGUAGE AND TRANSLATION - SPANISH
Location of the research activity:	Department of Humanities
Location of the teaching activity:	Department of Humanities
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27: Main research field - Humanistic culture, creativity, social transformations, society of inclusion; Area of intervention - Historical, literary and artistic disciplines Articulation - Humanities, democracy and governance.</p> <p>The research makes use of the critical knowledge of the textual, rhetorical and compositional structures of the different languages, both in the formation of the narratives and in the discourse and in the public imagination, evaluating their performative effectiveness. The ultimate goal is to improve the quality of international communication at European level, for the growth of democracy and the consolidation of relations within Europe.</p>
Number of papers:	12
Foreign language:	Spanish

VACANCIES	N. 1
Academic Recruitment Field	10/F2 - CONTEMPORARY ITALIAN LITERATURE
Academic Discipline	L-FIL-LET/11 - CONTEMPORARY ITALIAN LITERATURE
Location of the research activity:	Department of Humanities
Location of the teaching activity:	Department of Humanities
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27: Main research field - Humanistic culture, creativity, social transformations, society of inclusion Area of intervention - Historical, literary and artistic disciplines Articulation - Humanities, democracy and governance</p>



	<p>The research aims to explore contemporary Italian literary production through the development of innovative digital tools for reading and interpreting texts, thereby increasing a democratic use of humanistic knowledge. It will aim at the conservation, management and interpretation of stratified texts, archives, unpublished works, work files of contemporary writers, in an interdisciplinary logic of dissemination, enhancement and international transfer of knowledge.</p> <p>The intention is to foster a dialogue with European universities of different cultures for the definition of the cultural identity of our country in relation to the European context</p>
Number of papers:	12
Foreign language:	English

VACANCIES	N. 1
Academic Recruitment Field	10/L1 - ENGLISH AND ANGLO-AMERICAN LANGUAGES, LITERATURES AND CULTURES
Academic Discipline	L-LIN/12 - LANGUAGE AND TRANSLATION - ENGLISH
Location of the research activity:	Department of Humanities
Location of the teaching activity:	Department of Humanities
Scientific commitment	<p>The research activities are consistent with the implementation of NRP 21/27:</p> <p>Main research field - Humanistic culture, creativity, social transformations, society of inclusion</p> <p>Area of intervention - Historical, literary and artistic disciplines</p> <p>Articulation - Interpretation of cultural heritage and digital transition.</p> <p>The research, through the practice of audiovisual translation methods (interlingual subtitling, intralinguistic, audio description, dubbing) put into practice through the increasingly growing digitization processes, aims to promote the dissemination of cultural heritage (linguistic, textual, figurative, transmedia) with the aim of creating an accessible society that includes a variety of users: a) the regularly hearing and seeing citizen; b) the citizen with visual difficulties or blind, and with hearing difficulties or deaf; c) citizens with cognitive difficulties and with learning problems; d) foreign citizens; e) the elderly and children.</p>
Number of papers:	12
Foreign language:	English



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