



UNIVERSITÀ  
DEGLI STUDI  
FIRENZE

HUMAN RESOURCES

AREA

RISORSE UMANE

The President of the University

Decree n.602

Year 2020

Ref. n.78145

...*Omissis*...

## DECREES

### Art. 1

#### Opening of selection procedures

Selection procedures are hereby called for the purpose of filling **33 (thirty-three) fixed-term researcher positions of type a)**, referred to in art. 24 of the law n. 240 of 30 December 2010, according to the procedures provided for by the *Regulations on fixed-term researchers pursuant to art. 24 of the law n. 240/2010*, at the Departments and for the disciplinary and academic disciplines indicated below<sup>1</sup>:

#### Department of Architecture: three positions

#### **Academic Recruitment Field 08/D1 Architectural Design: one position**

#### **Academic Discipline (SSD) ICAR/14 Architectural and Urban Design**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per academic recruitment field and discipline indicated in the call.

Specifically, the researcher is required to carry out research applying the tools and methods of the project - with operational experiments and theoretical elaborations - on the morphological and relational aspects within the framework of the architectural and urban composition.

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<sup>1</sup> For the resolution of the re-determination of the disciplines, please refer to the D.M. of 30 October 2015, n. 855



The researcher is required to carry out teaching activities within the Architectural Design Laboratories.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Academic Recruitment Field 08/ D1 Architectural Design: one position**

**Academic Discipline (SSD) ICAR/15 Landscape Architecture**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

Specifically, the researcher will have to carry out research activities in the field of design and management of open spaces, with special attention to measures for adaptation and mitigation to climate change.

The researcher will have to carry out teaching activities in the field of landscape architecture and the design of open spaces.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Academic Recruitment Field 08/F1 Urban and Territorial Planning and Design: one position**

**Academic Discipline (SSD) ICAR/20 Urban and Regional Design**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per academic recruitment field and discipline indicated in the call.

Specifically, the researcher is required to carry out research related to the theoretical foundations, methodologies and tools of analysis, urban and territorial planning, city and territory management, with particular regard to urban and territorial contexts in Italy and in international contexts.

The researcher is required to carry out teaching activities within the courses relating to urban planning and spatial planning.

**The knowledge of the English language is required.**



Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Biology: one position**

**Academic Recruitment Field 05/B1 Zoology and Anthropology**

**Academic Discipline (SSD) BIO/05 Zoology**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher will have to carry out research activities in the field of animal behaviour and its applications.

The teaching activity will be carried out in bachelor and master's degree courses and in doctoral and professional master's courses, and is required to include tutoring of bachelor, master's and doctoral theses.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Chemistry "Ugo Schiff": one position**

**Academic Recruitment Field 03/A1 Analytical Chemistry**

**Academic Discipline (SSD) CHIM/01/05 Analytical Chemistry**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Physics and Astronomy: three positions**

**Academic Recruitment Field 02/A1 Experimental Physics and Fundamental Interactions**



### **Academic Discipline (SSD) FIS/04 Nuclear and Subnuclear Physics**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

Specifically, the researcher will have to carry out research in the field of experimental Nuclear or Subnuclear Physics, with reference to the optimization of charged and neutral particle detectors and the development of new detection techniques.

The researcher is required to carry out teaching activities within the specialized courses relating to the academic discipline FIS/04 or in basic Physics courses.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

### **Academic Recruitment Field 02/B1 Experimental Physics of Matter**

#### **Academic Discipline (SSD) FIS/03 Physics of Matter**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

the researcher will have to carry out research in the field of atomic physics, with particular reference to the control of ultra-cold fermionic gases through optical manipulation techniques for the realization of quantum simulation experiments.

The researcher is required to carry out teaching activities in the context of specialist courses relating to the academic discipline FIS/03 or in basic Physics courses.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

### **Academic Recruitment Field 02/C1 Astronomy, Astrophysics Earth and Planetary Physics**

#### **Academic Discipline (SSD) FIS/05 Physics and Astrophysics**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.



The researcher is required to carry out research in the field defined by the disciplinary scientific sector declaration FIS/05 with particular reference to high-resolution spectroscopic observations of stars poor in heavy chemical elements, properties of the first stars, nucleosynthetic processes and the formation and evolution of dwarf galaxies.

The researcher is required to carry out teaching activities within the specialized courses related to the academic discipline FIS/05 or in basic Physics courses.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Education, Languages, Intercultures, Literatures and Psychology: one position**

**Academic Recruitment Field 10/L1 English and Anglo-american Languages, Literatures and Cultures**

**Academic Discipline (SSD) L-LIN/11 Anglo-american Languages and Literatures**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The Researcher will have to carry out research in the field of Anglo-American culture and literary works produced in North America, conducted with the methodologies of philological, linguistic and literary critic research, with particular regard to critical understanding, through analysis of original texts and their thematic, figurative and formal dimensions. Specifically, the researcher is required to carry out research activities from a synchronic and diachronic intercultural point of view.

The teaching activity will be carried out within the course of study in European and American Languages and Literature (LM37) and the course of study in Languages, Literature and Intercultural Studies (L11). The researcher is required to participate in the exams and graduation sessions according to the teaching needs of the department.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Civil and Environmental Engineering: one position**



**Academic Recruitment Field 08/A2 – Sanitary and Environmental Engineering, Hydrocarbons and Underground Fluids, Safety and Protection Engineering**

**Academic Discipline (SSD) ICAR/03 Sanitary and Environmental Engineering**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher is required to carry out research activities, of an experimental and modelling type, in the context of innovative processes for the treatment of urban and industrial wastewater as well as characterization and enhancement, in the same area and/or in different areas, of residues of such processes.

The researcher is required to carry out teaching activities in the context of the courses relating to the academic discipline ICAR/03 in bachelor and master's degree courses and research doctorates;

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Information Engineering: one position**

**Academic Recruitment Field 09/H1 – Information Processing Systems**

**Academic Discipline (SSD) ING-INF/05 Information Processing Systems**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

Specifically, the Researcher is required to carry out research activities in the field of computer engineering, and supplementary teaching and service activities for students in the academic discipline mentioned in this call.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Industrial Engineering: one position**

**Academic Recruitment Field 09/B1 – Manufacturing Technology and Systems**

**Academic Discipline (SSD) ING-INF/16 Manufacturing Technology and Systems**



The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher will carry out research on the development of systems for improving the performance of the removal processes, with particular reference to milling and turning operations. The activity will mainly focus on the dynamic problems of cutting, in particular related to unstable vibrations (chatter). This research topic will have to be addressed both through the development of simulation and optimization models (analytical, numerical and numerical/experimental hybrids), as well as active vibration suppression systems (design and development of control logic).

The researcher is required to carry out teaching activities in the context of the courses relating to the academic discipline ING-IND/16 in bachelor and master's degree courses and research doctorates and assist students with their theses.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Humanities: four positions**

**Academic Recruitment Field 11/C1 – Theoretical Philosophy**

**Academic Discipline (SSD) M-FIL/01 Theoretical Philosophy**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher will have to carry out research activities around the problems pertaining to the area of theoretical philosophy, focusing on the forms of human experience and on questions concerning the origin and structure of concepts. The research activity will require the dissemination of the results achieved through the publication of essays and articles in qualified scientific journals, participation in national and international conferences, as well as the design of research projects of international scope and participation in research networks on the topics listed above.

The researcher is required to carry out teaching activities according to the needs of the Department which will consist of in-class teaching in the subjects of the academic discipline M-FIL/01, as part of the Department's teaching programmes. In addition, researchers will most likely be required to tutor during the thesis preparation.

**The knowledge of the English language is required.**



Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Academic Recruitment Field 10/D3 – Latin Language and Literature**

**Academic Discipline (SSD) L-FIL-LET/04 Latin Language and Literature**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher will have to carry out advanced research concerning Latin texts both prose and poetry and studies both of a literary and historical-cultural and philological and critical-textual nature.

The researcher is required to carry out the teaching activity within the courses relating to the scientific and academic discipline indicated, offered at bachelor and master's degree level, in teacher training courses and research doctorates.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Academic Recruitment Field 10/G1 – Historical and General Linguistics**

**Academic Discipline (SSD) L-LIN/01 Historical and General Linguistics**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher will carry out research activities within the PRIN 2017 project entitled "Languages and Cultures of Ancient Italy. Historical Linguistic and Digital Models" (CUP: B5411900288001) which studies the problems of change and the methodologies of comparison and reconstruction of Indo-European languages.

The researcher will be required to carry out teaching activities in the topics related to the scientific and academic discipline mentioned in this call offered in the bachelor and master's degree courses, in the research doctorates and in the teachers training courses

**The knowledge of the English and French languages is required.**

Maximum number of publications to be submitted by the candidate: **12**





Type of contract: **full time**

**Academic Recruitment Field 10/G1 – Historical and General Linguistics**

**Academic Discipline (SSD) L-LIN/02 Educational Linguistics**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher will have to carry out research in the scientific subject matter of the selection which includes studies relating to the teaching of languages both in the mother tongue and in other spoken languages, with specific attention to the theoretical aspects, relative to translation, and to the special languages and with particular reference to the teaching of modern foreign languages and the didactic techniques for the transmission of linguistic knowledge.

The research activity will also include the study of the relationships between languages and society: as well as sociolinguistic and ethnolinguistic themes, linguistic variation, multilingualism and linguistic contact, the status of languages and linguistic policy. In the field of language application methodologies, it includes the study of phono-acoustic, morphosyntactic, pragmatic, semantic and lexicographic aspects, with descriptive applications in languages and dialects, as well as research on acquisition, cognitive, psycholinguistic and linguistic pathologies aspects.

The researcher will be required to carry out teaching activities in the topics related to the scientific and academic discipline mentioned in this call offered in the bachelor and master's degree courses, in the research doctorates and in the teachers training courses.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Mathematics and Computer Science "Ulisse Dini": one position**

**Academic Recruitment Field 01/A3 – Mathematical Analysis, Probability and Statistics**

**Academic Discipline (SSD) MAT/06 Probability and Statistics**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher will be required to carry out research in the field of probability and statistics.

The researcher will also be required to carry out teaching activities in the same fields and in basic mathematics.



**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Experimental and Clinical Medicine: two positions**

**Academic Recruitment Field 06/B1: - Internal Medicine**

**Academic Discipline (SSD) MED/09 Internal Medicine**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher will carry out their research activity in the field of internal medicine focussing on acute and chronic diseases of the cardiovascular system. The research activities will range from the clinical-instrumental framing of ischemic and non-ischemic dilated cardiomyopathy to the genetic studies of patients with hereditary transmission cardiomyopathies, to the study - in this same field - of new lines of pharmacological and non-pharmacological treatment. The researcher's task will also be to liaise with national and international centres specialised in the same pathologies, with the acquisition of data for national and international registers.

The researcher is required to carry out teaching activities within the academic discipline MED/09 in the degree courses in Medicine and Surgery, Nursing and Physiotherapy and in the Specialization Schools of the University of Florence; organize extracurricular training activities (ADE) and participate in the teaching of masters and doctoral courses.

The researcher will be carrying out assistance activities in the department of oncology and robotic surgery, oncological urology, keyhole surgery, robotic and andrological urology ward of the Careggi university hospital.

The researcher is required to carry out assistance activities within the Cardio-thoraco-vascular DAI, SOD General Cardiology of the Careggi -University Hospital. They will participate in all ward activities, including the cardiology interventional room and the outpatient clinic belonging to the same SOD, as well as collecting data aimed at pathophysiological and clinical investigations of interest to the sector.

Required academic title: **Specialisation Diploma in Internal Medicine or Cardiovascular System Diseases or equivalent title**

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **15**

Type of contract: **full time**



**Academic Recruitment Field 06/D3 - Blood Diseases, Oncology and Rheumatology**

**Academic Discipline (SSD) MED/15 Blood Diseases**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher is required to carry out research activities in haematology, in the sector of haematological neoplasms and with particular regard to myeloid neoplasms, addressing both clinical, laboratory and molecular aspects, and with a focus on controlled clinical studies, both observational and interventional.

. The researcher is required to carry out teaching activities in the Haematology subjects for the Degree Course in Medicine and Surgery, Bachelor and Master's Degrees in Biotechnology, Nursing, Obstetrics and in the specialization schools of the biomedical area, according to the programmes offered pertaining to the academic discipline MED / 15.

The researcher is required to carry out healthcare activities at the Oncological and Robotic Surgery DAI, SOD Haematology, with specific commitment in the field of myeloid neoplasms at the Research and Innovation Centre of Myeloproliferative Diseases (CRIMM), of the Careggi University Hospital.

Required academic title: **Specialisation Diploma in Haematology or equivalent title.**

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Neuroscience, Psychology, Area of Medication and Child Health: two positions**

**Academic Recruitment Field 03/D1 - Medicinal, Toxicological and Nutritional Chemistry and Applied Technologies**

**Academic Discipline (SSD) CHIM/08 Pharmaceutical Chemistry**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher will have to carry out research activities in the fields that characterize the disciplinary scientific sector stated in this call, in particular in the design, synthesis, characterization and elucidation of mechanisms of action at the molecular level of new compounds capable of modulating the activity of enzyme systems and receptors of pharmaceutical interest.



The researcher will be required to carry out teaching activities in the courses relating to the disciplinary scientific sector mentioned in this call, in the bachelor, single-cycle degree courses, in the School of Specialization in Hospital Pharmacy and doctorates.

The researcher will also have to carry out teaching support activities in PhD programmes and offer assistance to students for their final papers and theses in orientation and tutoring activities.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Academic Recruitment Field 11/E1 General Psychology, Psychobiology and Psychometrics**

**Academic discipline (SSD) M-PSI/02 Psychobiology and Physiological Psychology**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

Specifically, the researcher will have to carry out research activities dedicated to the study of multisensory visual function in humans with psychophysical, functional, computational and neuropsychological techniques for the academic recruitment field 11/E1.

The researcher will be required to carry out teaching activities in the study programmes relating to the schools of Human Health Sciences and Psychology.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Biomedical, Experimental and Clinical Sciences "Mario Serio": three positions**

**Academic recruitment field 05/E2 - Molecular Biology**

**Academic discipline (SSD) BIO/11 Molecular Biology**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher will have to carry out research in the analysis of the biochemical and evolutionary characteristics of nucleic acids, the study of the interactions between nucleic acids and proteins and between proteins and the biological functions they perform in all



organisms and viruses. The research activity will focus on the macromolecules which are involved in the conservation, repair, duplication, transcription and translation of the information contained in the nucleic acids, the macromolecules which are responsible for the phenomena of control of gene expression, proliferation, cell differentiation and transformations, the macromolecules that allow cell movement, the interaction between cells and the development of both animal and plant multicellular organisms. Subjects in this sector are also bioinformatics, computational biology and systems biology.

The researcher is required to carry out teaching activities in the courses pertaining to the academic discipline BIO/11, offered in the bachelor, master or single-cycle degree courses, as well as in the specialization schools, professional masters and research doctorates.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **15**

Type of contract: **full time**

**Academic recruitment field 06/A2 Experimental Medicine, Pathophysiology and Clinical Pathology**

**Academic discipline (SSD) MED/04 Experimental Medicine and Pathophysiology**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher is required to carry out basic and applied research in the field of molecular medicine and cell pathology, with specific skills in the field of oncology, immunology and immunopathology, and of genetic, ultrastructural and molecular pathology.

The researcher is required to carry out teaching activities in the courses offered by the University of Florence and referring to the disciplinary scientific sector mentioned in this call, in particular in the bachelor, master's and specialist degree courses, in the elective activities and in the field of specialization schools, professional masters and PhDs.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **15**

Type of contract: **full time**

**Academic recruitment field 06/N1 - Technology and Methodology in Medicine and Nursing Sciences**

**Academic discipline (SSD) MED/50 Applied Medical Technology and Methodology**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.



Specifically, the researcher will have to carry out research activities in the context of the investigation of the pathophysiology of the reproductive function in order to develop new translational diagnostic techniques, in line with the academic recruitment field stated in the call.

The researcher is required to carry out teaching activities in the courses offered by the University of Florence and referring to the disciplinary scientific sector MED/50, in all study programmes, including specialization schools, professional masters and PhDs and will consist of lectures and field/lab work.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **15**

Type of contract: **full time**

**Department of Health Sciences: one position**

**Academic recruitment field 06/M2 - Forensic and Occupational Medicine**

**Academic discipline (SSD) MED/43 Forensic Medicine**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher will be required to carry out research in the field of forensic pathology and forensic entomology with particular reference to the estimate of the time of death and the study of the vitality of the lesions.

The researcher is required to carry out teaching activities in the courses offered by the University of Florence and referring to the disciplinary scientific sector mentioned in this call, in all study programmes, including specialization schools, professional masters and PhDs.

The researcher is required to carry out health care assistance in the field of necropsy forensic medicine and in the forensic management of cases in charge of the Hospital's Claims Management Committee, at the Head Office, Health Services Area Legal Medicine of the University Hospital of Careggi.

Qualification required: **specialization diploma in Forensics or equivalent title.**

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Legal Sciences: two positions**



**Academic Recruitment Field 12/B1 - Business Law**

**Academic Discipline (SSD) IUS/04 Business Law**

The researcher is required to carry out research, teaching, and student support activities as per the academic recruitment field and discipline indicated in the call.

Specifically, the researcher shall:

1. Participate in national and international research projects within the academic recruitment field mentioned in the call, as per the Department's needs, coordinating the in-depth studies, including in a comparative manner, of the European, international and translational law.
2. Disseminate the outcome of their research as well as extend and get specify in them with reference to the local economic context with the objective to join theory and practice. This is required to take place, according to the needs of the department, both by contributing to the sector's activity in the context of continuous training, both by taking care of relations with the institutions and the production system, and by organizing specific events.
3. Teach one or more subject in English, according to the needs of the Department, within the discipline mentioned in this call.

The researcher will have to carry out teaching activities pertaining to the disciplinary scientific sector of the call and may be called upon to teach subjects in English, on issues of European law and/or on comparative profiles falling within the field of study of this call.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **fixed term**

**Academic Recruitment Field 12/B2 - Labour Law**

**Academic Discipline (SSD) IUS/07 Labour Law**

The researcher is required to carry out research, teaching, supplementary teaching and student support activities as per the academic recruitment field and discipline indicated in the call.

Specifically, the researcher will be required to carry out research in the discipline IUS/07 in accordance to the recruitment field mentioned in the call.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**



**Department of Economics and Management: two positions**

**Academic Recruitment Field 13/B2 - Management**

**Academic Discipline (SSD) SECS-P/08 Management**

The researcher is required to carry out research, teaching, and student support activities as per the academic recruitment field and discipline indicated in the call. The researcher may also be required to teach subjects in English.

Specifically, the researcher is required to carry out research activities of national and international relevance in the areas of the disciplinary scientific sector subject to the selection. Specifically, it will be called upon to carry out research activities on themes characterizing the disciplinary scientific sector SECS-P / 08 by participating in national research projects and participating in national and international conferences.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Academic Recruitment Field 13/C1 - Economic History**

**Academic Discipline (SSD) SECS-P/12 Economic History**

The researcher is required to carry out research, teaching, and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher is required to carry out in-class teaching activities in degree courses, PhD programmes and specialization schools, on the basis of the needs of the University's educational offer. More specifically, this activity is required to take place in the context of the courses relating to the academic disciplines mentioned in this call and which are taught in Italian or English at the Bachelor's and Master's degree programs at the School of Economics, the School of Political Sciences and the School of Humanities and Education.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Agriculture, Food, Environment and Forestry: one position**

**Academic Recruitment Field 07/B2 - Arboriculture and Forest Systems**

**Academic Discipline (SSD) AGR/03 Arboriculture and Fruticulture**





The researcher is required to carry out research, teaching, and student support activities as per the academic recruitment field and discipline indicated in the call.

Specifically, the researcher is required to carry out research in the field of activities related to the academic discipline AGR/03, with particular regard to the morpho-physiological and biochemical characterization of tree and shrub species in urban and natural environments. Integrated study of the primary and secondary metabolism of plants subjected to abiotic stress by means of ecophysiology and metabolomics techniques. Study of the effects of urban greenery and plants of agricultural and ornamental interest, including the metabolites obtained from them, on human health.

The researcher will also carry out teaching activities within the Department's teaching programmes, at bachelor's, master's, PhD and professional master course levels.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**

Type of contract: **full time**

**Department of Statistics, Computer Science, Applications "G. Parenti": one position**

**Academic recruitment field 13/D3 - Demography and Social Statistics**

**Academic discipline (SSD) SECS-S/05 Social Statistics**

The researcher is required to carry out research, teaching, and student support activities as per the academic recruitment field and discipline indicated in the call.

Specifically, the researcher is required to carry out research activities in the field of the typical problems of the disciplinary scientific sector SECS-S / 05, both in their theoretical and application aspects and in compliance with the disciplinary scientific sector declaration. The researcher is required to also participate in seminars, conferences and specific meetings of the disciplinary scientific sector and be willing to actively participate in national and international research projects on the subjects of the disciplinary scientific sector of the call.

The researcher is required to carry out teaching activities in the courses offered by the University pertaining to the disciplinary scientific sector SECS-S/05. The didactic activity may also be carried out in English and it includes: in-class lectures, exercises and seminars - with the possible use of innovative teaching means - at all levels of instruction, based on the needs of the University programmes; participation in exam and graduation commissions; student tutoring and thesis supervision.

Finally, the researcher is required to actively participate in the bodies and commissions activated for the achievement of the purposes of the department.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **12**



Type of contract: **full time**

**Department of History, Archaeology, Geography, Art and Entertainment: two positions**

**Academic recruitment field 11/A4 - Science of Books and Documents, History of Religions**

**Academic discipline (SSD) M-STO/08 Archival Science, Bibliography and Librarianship**

The researcher is required to carry out research, teaching, and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher is required to carry out research activities focussing also on the promotion and participation in national and international initiatives and projects and to collaborate with national and international scientific institutes and bodies in the context of the topics included in the disciplinary scientific sector mentioned in this call, with particular attention to the analysis and study of the antique books printed with movable type with particular regard to its production, circulation and use, as well as its management within public and private libraries.

The researcher is required to carry out teaching activities in the courses related to the disciplinary scientific sector mentioned in this call offered at all academic levels including specialization schools, professional masters and doctorate.

**The knowledge of either English, French or Spanish is required.**

Maximum number of publications to be submitted by the candidate: **15**

Type of contract: **full time**

**Academic recruitment field 11/B1 - Geography**

**Academic discipline (SSD) M-GGR/01 Geography**

The researcher is required to carry out research, teaching, and student support activities as per the academic recruitment field and discipline indicated in the call.

The researcher is required to carry out research activities focussing also on the promotion and participation in national and international initiatives and projects and to collaborate with national and international scientific institutes and bodies in the context of the topics included in the disciplinary scientific sector mentioned in this call.

The researcher is required to carry out teaching activities in the courses related to the disciplinary scientific sector mentioned in this call offered at all academic levels including specialization schools, professional masters and doctorate.

**The knowledge of the English language is required.**

Maximum number of publications to be submitted by the candidate: **15**



Type of contract: **full time**

## Art. 2

### Admission requirements and reasons for exclusion

The selection procedures are open to candidates holding a **PhD or equivalent qualification** or, for the sectors concerned, of the medical specialization diploma are qualified to participate in the selection procedures.

**For the places for which medical assistance is required, the candidate is required to necessarily possess the qualification indicated expressly in art. 1, in the relevant sector.**

Candidates in possession of a qualification obtained abroad is required to indicate the details of the equivalency decree to the corresponding Italian qualification as well as the name of the issuing authority.

In order to guarantee the broadest possible participation in the procedure, the candidate is not required to not have the aforementioned equalization or equivalence decree by the application's deadline, but this documentation is required to necessarily be presented at the time of signing the contract, on penalty of forfeiture of the right to be employed.

**Therefore, pending the acquisition of the equivalence decree, the candidate is required to indicate in the application the details of the submission of the request (protocol date and number) to the competent bodies, under penalty of exclusion.**

**Any educational qualifications required for the clinical sector are indicated in Art. 1.**

The requisites is required to be possessed on the expiry date of the call for applications, under penalty of exclusion.

Those individuals who, on the expiry date of the call for applications, fulfill any of the following conditions **cannot take part in the selection**:

- a. have had research fellowships and fixed-term researcher contracts, pursuant to articles 22 and 24 of law 240/2010, at the University of Florence or at other Italian, state, non-state or online universities, as well as at the entities referred to in paragraph 1 of article 22 of the same law for a period which, added to the duration provided for by the contract of the position tendered, **exceeds a total of twelve years**, even if not consecutive. **Please note that this condition is required to also exist at the time of contract commencement;**
- b. are already permanently employed as a Professor, Associate Professor or Researcher even if they are no longer in service;
- c. have a degree of kinship or affinity up to and including the fourth degree with a professor belonging to the Department proposing the call, or with the President, the General Manager, or a member of the University's Board of Directors;



- d. have been dismissed or dispensed from employment with a Public Administration or have been removed from office pursuant to D.P.R. 3/1957;
- e. have been denied their civil and political rights.

Candidates are admitted with reserve to the selection procedure; the exclusion from the selection is ordered, at any time during the procedure, by a motivated decree of the President and communicated to the interested party.

### Art. 3

#### Application for admission and deadline

The admission application is required to be done online through the dedicated platform: <https://sol.unifi.it/pao/> following the instructions that will appear throughout the process.

Upon first access to the platform, users are requested to register by clicking on "register new user" and filling in the required fields.

The electronic transmission of the application is required to be carried out **without fail by 1 pm (Italian time, certified by the University of Florence server) on 30 July 2020 under penalty of exclusion.**

The application requires the candidate to provide an email address in order to register. The candidate is required to fill in all the required fields. All documents to be attached as per the system's requests, is required to be in pdf format.

Applications submitted in any other form will not be accepted, therefore excluding the candidates automatically from the selection.

Before the final submission of the application, and, in all cases, before the final deadline, the system allows to save a draft of the application to be reviewed and modified until the final submission. Once submitted, the application cannot be further modified. If modifications become absolutely necessary, the candidate is required to withdraw the current application and submit a new one. Such procedure is required to in any case be carried out before the final deadline of the call and precisely by **1 pm Italian time (the time will be certified by the University server) of 30 July 2020.**

The system will send a receipt of the submission to the email address provided at the time of registration. Once the deadline has passed, the system will automatically disable any further modifications of the submitted application or any new submission.

The online platform will be open and accessible even when the University is closed to the public.

The academic titles and the publications is required to be held by the call's deadline; no further material will be admitted for consideration after this term.



For any correspondence with the candidates, the Administration will use exclusively the email address provided by the candidate during the registration phase.

The candidates can write to [reclutamentodocenti@unifi.it](mailto:reclutamentodocenti@unifi.it) for any correspondence regarding this call for applications.

For technical problems concerning the software for the online application, candidates should write to: [onlinehelp@unifi.it](mailto:onlinehelp@unifi.it).

To participate in the selection all candidates is required to pay a **contribution fee of € 20,00** to cover for administrative expenses. The payment is non-refundable.

Payment must be made by through the **PagoPa system**. The payment instructions will be published on the institutional website at <https://www.unifi.it/cmpro-v-p-9901.html> as soon as they are available and in any case before the deadline of the call.

The receipt of the payment must be uploaded and attached, together with the other documents **in pdf format**, to the online application submission. For this purpose, applicants can go back to the submission form and attach the payment receipt after the application has been submitted.

Candidates intending to participate in more than one selection, is required to make a payment for each call.

In case of failure to make the aforementioned payment, or by not settling it within 10 days of the request sent by the Administration, the candidate will be excluded from the procedure without further correspondence.

Candidates with a disability need to specify the aid they require, if any, as well as any additional time necessary in order to sit for the examination.

Candidates is required to attach to the admission form the following documents:

- a) CV of their scientific and teaching activities, in pdf format;
- b) Complete list of published works, in pdf format;
- c) Scientific publications, **in the maximum number stated for the specific academic recruitment field**;
- d) Copy of a valid ID;
- e) Copy of the Tax Identification Number;
- f) Receipt of the €20.00 payment.

For publications totally or partially produced in Italy, the obligations provided for by Law n.106/2004, and by the relative Regulation issued with D.P.R. n. 252 of 3 May 2006, is



required to be fulfilled. For works produced abroad, the date and place of publication is required to appear.

Reference to titles and publications presented to this Administration or to documents attached to the application for participation in another call is not permitted.

**The publications not attached to the application will not be evaluated by the board. Lists with links to texts instead of publications are not allowed.**

In case the publications presented are more than those requested for each call as per art. 1 of this announcement, the Commission will exclude the less recent ones down to the number requested.

The Administration reserves the right to carry out appropriate checks on the truthfulness of the content of the affidavits.

Non-EU citizens residing in Italy can avail themselves of the right referred to in letter a) of this article only for the cases in which they need to prove personal status, facts and qualities that can be certified or attested by Italian public or private subjects. In all other cases they will have to present a CV, a list of the publications and documents and titles in original or in certified copy, legalized by the competent Italian consular authorities and accompanied by a translation in Italian certified as a true copy of the original document, drawn up by the consular authorities themselves or by an official translator.

#### **Art. 4**

#### **Admissions Board**

The Admissions Board consists of three members chosen among full and associate professors, of which at least one is external to the University, belonging to the academic discipline(s) that determines the selection profile.

In the event that the numerical availability at national level is insufficient, the choice of nominee(s) is drawn from the academic discipline related to the same academic recruitment field or to the academic discipline relating to the group of academic recruitment fields to which the one covered by the call for applications refers. If there are no professors affiliated to the exact academic discipline referred to in the profile of the call for applications, the Department may propose the name of professors of the University affiliated in the broader national academic recruitment field of the call.

Where more than one academic discipline is indicated in the profile, the Admissions Board is required to mandatorily provide at least one board member for each one.

The external members can also come from foreign universities, or other research institutions with specific competences in the academic disciplines mentioned in the call, as long as they hold a title equivalent to that of full or associate professor and have an adequate knowledge of the Italian language.

According to art. 6, paragraphs 7 and 8, of law 240/2010, only full and associate professors



who have obtained a positive evaluation based on the regulations of their universities of affiliation, or who have complied with the educational obligations in proportion to any management positions held and that meet the objective criteria of verification of the results of the research activity of the professors referred to in the ANVUR resolution n. 132 of 13 September 2016 can take part in the Admissions Board.

The members of CUN cannot take part in any Admissions Boards for the entire time of their tenure in CUN pursuant to Law of 16 January 2006, n. 18.

The appointment is ordered by decree of the President, upon proposal of the Council of the Department concerned after the closing date for the submission of applications. The nomination decree is published in the Official Register of the University and in the University website.

Any appeal by candidates to challenge of one or more members of the Admissions Board is required to be presented to the President within thirty days of the publication date of the decree appointing the Board in the University's Official Register.

If the cause for the objection has arisen after the aforementioned deadline, provided that it is before the date of establishment of the Admissions Board, the term starts from its onset.

## **Art. 5**

### **Activity of the Admissions Board**

The Admissions Board, after ascertaining that there are no incompatibility concerns, and no conflict of interest among its members, determines the general evaluation criteria for the curriculum vitae and the scientific production of the candidates, utilizing internationally recognized principles and parameters specified in the law [D.M. 243 of 25 May 2011](#) and listed below.

For all the above-mentioned decision processes the Board can use electronic means of joint collaboration. The Board shall communicate the general criteria to the person in charge of the procedure who will ensure they are adequately disseminated by publishing them in the University's website at least seven days prior to the continuing of the procedure by the Board.

After seven days from the publication date of the criteria, the Board examines the documents submitted by the candidates and does a first assessment of them with an adequate analytic evaluation of their academic titles, CV and scientific production, including their doctoral thesis, according to the criteria and parameters as per the aforementioned D.M. 243/2011:

- a) PhD or equivalent, or, for the relevant sectors, a Medical Specialization Diploma or equivalent title, obtained in Italy or abroad;
- b) any university-level teaching activity, in Italy or abroad;
- c) documented training or research activities at qualifying Italian or foreign institutions;



- d) documented activities in the clinical field relating to the academic recruitment fields in which these specific skills are required;
- e) implementation of projects relating to the academic recruitment fields in which they are applicable;
- f) organization, direction and coordination of national and international research groups, and/or participation in them;
- g) ownership of patents relating to the academic recruitment fields as applicable;
- h) speaker at national and international conferences and seminars;
- i) national and international prizes and awards for research activities;
- j) European specialization diploma recognized by international boards, in relation to those academic recruitment fields in which it is required.

The evaluation of each qualification indicated above is carried out considering specifically the significance that it assumes in relation to the quality and quantity of the research activity carried out by the individual candidate.

The Admissions Board, in carrying out the preliminary comparative evaluation of the candidates, will only take into consideration publications or texts accepted for publication according to the regulations in force, as well as essays included in collective works and articles published in magazines in print or digital format with the exclusion of internal notes or departmental reports. The doctoral thesis or equivalent qualifications are taken into consideration even in the absence of the conditions referred to in this paragraph.

The Admissions Board carries out the comparative evaluation of the publications based on the following criteria:

- a) originality, innovativeness, methodological rigor and relevance of each scientific publication;
- b) consistency of each publication with the academic recruitment field for which the call is announced and with the profile defined exclusively by indicating the academic discipline, or with related interdisciplinary topics;
- c) scientific relevance of the editorial location of each publication and its dissemination within the scientific community;
- d) analytic determination, also on the basis of criteria recognized in the international scientific community of reference, of the individual contribution of the candidate in the event of his / her participation in collaborative works.





The Board will also assess the overall consistency of the candidate's scientific production, its frequency and its temporal continuity, subject to the periods, adequately documented, of non-voluntary absence from the research activity, with particular reference to parental leave.

In the context of the academic recruitment fields where its use is recognized at an international level, the Board, in evaluating the publications, will also make use of the following indicators, as they appear on the date of the application's deadline:

- a) total number of citations;
- b) average number of citations per publication;
- c) total "impact factor";
- d) average "impact factor" per publication;
- e) combinations of the previous parameters to enhance the impact of the candidate's scientific production (Hirsch index or similar).

Once the preliminary evaluation has been carried out, all candidates are admitted to the interview if the total number of them is less than or equal to six; otherwise, based on the results of the preliminary assessment, admission is based on comparative merit and between 10 and 20 per cent of the total number of applicants, and in any case no less than six, will be admitted to the interview.

The list of successful candidates, the date, modality and time of the interview will be announced on the University website at least twenty days beforehand.

The information regarding the calls which is published on the University website has the value of official notification to all candidates, and no further individual communication will be made.

The interview is public, and it will make specific reference to the candidates' academic titles and scientific production. There will also be an oral test, contextual to the interview, to ascertain the adequate knowledge of the foreign language(s) required, as well as the Italian language in the case of foreign candidates. Following the interview, the Board assigns a score to each of the titles and to each of the publications presented by the candidates.

Candidates is required to come to the interview with one of the following valid identification documents: identity card, passport, driver's license, identification card issued by the university.

At the end of the evaluation the Board will identify the suitable candidate.

The Board is required to complete its work within six months of the date of appointment. The President, having evaluated the reasons for a possible request for an extension, can grant it within the aforementioned deadline for a maximum of 2 more months, or, with a motivated



provision, start the procedures for the replacement of the components which are responsible for the causes of the delay, establishing a new deadline for the conclusion of the works.

#### **Art. 6**

##### **Approval of the proceedings and conclusion of the procedure**

The selection procedure ends with the provision approving the proceedings.

The Board delivers the documents to the President who approves them in the following 30 days, after a legal check, by issuing a decree to be published on the [Official Register of the University](#) and on the [University website](#). The aforementioned publication replaces for all purposes any communication relating to the outcome of the selection.

In the event that irregularities are found, the President refers the documents to the Board with a justified measure, assigning a deadline for the conclusion of the works.

#### **Art. 7**

##### **Administrative unit in charge of the procedure**

The Administrative Unit of reference is "Amministrazione del Personale Docente e Ricercatore" (Teaching and Research Staff Administration), the staff member in charge is **Eva Furini**, e-mail: [reclutamentodocenti@unifi.it](mailto:reclutamentodocenti@unifi.it); for any queries it is also possible to call the following numbers: +39 055 2757/220-223-224-612.

#### **Art. 8**

##### **Hiring offer**

At the end of the procedure the Department Council formulates a hiring offer to the suitable candidate within 30 days from the date of publication of the decree approving the proceedings on the University's Official Register.

The Department Council cannot proceed with the call of subjects who have a degree of kinship or affinity within the fourth degree, including a professor belonging to the Department for which the position is offered, or with the President, the General Manager or a member of the Board of Directors of the University, occurring during the course of the procedure.

If the Council decides not to issue an offer, it is required to adequately justify the decision.

The resolution containing the offer is subject to the approval of the Board of Directors.

#### **Art. 9**

##### **Contract signature**



The President, following the approval of the offer, will invite the researcher to submit the documentation required for the stipulation of the individual employment contract.

The contract will last three years and may be extended, once only, for two more years, subject to a positive evaluation of the research and teaching activities carried out, based on the methods, criteria and parameters defined by art. 21 of the University Regulations.

Those candidates who, during the course of the procedure, happen to acquire a degree of kinship or affinity within the fourth degree included with a professor belonging to the Department, or with the President, the General Manager or a member of the University Board of Directors will no longer be able to enter a working relationship with the University due to conflict of interests.

Furthermore, candidates are not eligible to sign a new contract if they have had contracts as research fellow and fixed-term researcher, pursuant to articles 22 and 24 of law 240/2010, at the University of Florence or other Italian universities, state, non-state or online, as well as the entities referred to in paragraph 1 of article 22 of the same law for a period which, added to the duration foreseen by the contract of the place announced, **exceed a total of twelve years**, even if not continuous;

In regard to the incompatibilities envisaged for the researcher contract, please refer to the provisions of art. 17 of the [University regulations on fixed-term researchers](#), pursuant to art. 24 of the law n. 240/2010, issued with D.R. n. 149 of 9 February 2017;

The remuneration is equal to the initial full-time treatment of the confirmed researcher (class 0), pursuant to art. 16, paragraph 1, of the University Regulations.

The remuneration for activities in the health sector is determined by the University Hospitals of Careggi and Meyer.

## Art. 10

### Personal data processing

In compliance with the principles of lawfulness, correctness, transparency, adequacy, relevance and necessity pursuant to art. 5, paragraph 1 of the GDPR (*EU Regulation 2016/679 of the European Parliament and of the Council of 27 April 2016 that establishes the fundamental right of natural persons to have their personal data protected*) the University of Florence, as data controller, will process the personal data provided by the candidates at the time of enrollment in the selection procedure, exclusively to allow the same to be carried out in compliance with current legislation in the matter.

The person in charge of data protection (RPD) is Mr. Massimo Benedetti, Manager of the General and Legal Affairs Area, Florence, Via G. La Pira n. 4, tel. +39 055 275 7667 e-mail: [privacy@adm.unifi.it](mailto:privacy@adm.unifi.it).  
[https://www.unifi.it/upload/sub/protezionedati/Informativa\\_SELEZIONI.pdf](https://www.unifi.it/upload/sub/protezionedati/Informativa_SELEZIONI.pdf)



#### **Art. 11**

##### **Publicity**

The notice regarding this announcement is published in the Gazzetta Ufficiale, the Italian Official Bulletin. The announcement is published in the University [Official Register](#) (Albo ufficiale) and on the [University's website](#). The websites of the Ministry for Education, University and Research and the European Union are also notified of the publication.

#### **Art. 12**

##### **Final provision**

For all matters not expressly regulated in this announcement, please refer to the current regulatory provisions on public recruitment competitions' procedures, provided they are applicable.

Pursuant to Article 49 of the Statute, without prejudice to the possibility of jurisdictional appeal of this announcement and of the connected resulting deeds, a complaint may be lodged against the aforementioned deeds, as well as against silence, to the body which issued it the provision or that has failed to provide, within ten days starting from the moment in which the interested parties have become aware of it and, in any case, from the moment of their publication.

Im/Florence, 4 June 2020

Signed The President  
Professor Luigi Dei