



UNIVERSITÀ DI PISA

Excerpt from the Rector's decree n. 1064/2023

Call for the selection of n. 9 Senior Research Fellows

(Under the Italian Law 240/2010 article 24, subparagraph 3, point b)

The University of Pisa announces a call for 8 Senior Fixed-Term Research Fellows for the Departments and the Academic Fields or Academic Disciplines as listed in Annex A.

The fixed-term contract is to carry out research activities, teaching, integrative teaching activities and services for students, for a 350 hours commitment, on a full-time basis.

The Senior Research Fellow is required to perform lectures for a minimum of 48 up to a maximum of 96 hours per academic year, allocated as an institutional assignment for Bachelor's and Master's degree programs, Specialization Schools and PhD programs.

Contract duration: 3 years

Deadline for application: 31st of July 2023, 1 p.m.

Admission requirements:

PhD or equivalent academic qualification awarded in Italy or abroad and recognized as eligible for admission.

As for a qualification awarded abroad, equivalency or comparability documentation must be provided as stated under:

D.Lgs.165/2001, article 38:

http://www.funzionepubblica.gov.it/sites/funzionepubblica.gov.it/files/modulo_equivalenza_Titoli_Accademici.pdf

Or under:

D.P.R. 382/1980, article 74:

<https://www.unipi.it/index.php/titoli-accademici-esteri>

As for an equivalent or comparable academic qualification, the candidate shall be admitted within the application's deadline and shall provide the qualification equivalency or comparability before the signing of the contract.

Candidates are required to declare what follows:

1. To enjoy the full rights of citizenship in their home State
2. Not to have been convicted or found guilty of any criminal offence; in the event of any conviction, it is mandatory to provide the details of the relevant judgments and any pending criminal proceedings;
3. Not to have been dismissed or dispensed from employment by a Public Administration for persistent unsatisfactory performance; not to have been lapsed from State employment, in compliance with art. 127, first paragraph, point d) of the Consolidation Act of Provisions concerning the State civil servants approved by Presidential Decree no. 3 of 10 January 1957;

4. to be registered on the electoral roll.

Required qualifications:

to have been employed as a Fixed-Term Research Fellow for a three- year period already completed by the application's deadline; (Under the Italian Law 240/2010, article 24, subparagraph 3, point b)

or

to be a researcher, a scholar or a scientist holding the Italian National Certification for Full or Associate Professor (Under the Italian Law 240/2010 article 16);

or

to hold a Postgraduate School qualification for the relevant medical fields;

or

to have had at least a three-year period of contracts, even when not consecutive and already completed by the application's deadline, performed with:

- research grants (under the Italian Law 449/97, art 51, subparagraph 6 or the Italian Law 240/2010 article 22 or comparable academic contracts abroad)
- post PhD grants (under the Italian Law 398/1989, article 4 or comparable academic contracts abroad)
- contracts concluded in compliance with the Law no. 230 of 4 November 2005, art. 1, paragraph 14.

Please note: the above-mentioned three-year period could aggregate: Fixed-Term Research Fellowship, post PhD research grants and fellowship in foreign Universities (under DM 662/2016).

No admission to this selection for:

- Professors or Research Fellows with permanent position at the university, currently employed or currently retired.
- Fixed-term Research Fellowship or Post PhD research grants at the University of Pisa or other Italian universities, either public, private or online, and other public institutions (Under the Italian Law n. 240/2010, articles 22 and 24) for a period that, totaled over this contract, would exceed 12 years altogether, even when not consecutive. As for the duration of the working period mentioned above, parental leave or medical leave, are excluded (under the existing legislation).

Applications:

Applications are to be submitted online only, using the following link: <https://pica.cineca.it/unipi/ric2023b7/> or shall be invalid. It is necessary to have an email address to login and complete the application.

Applicants should fill in all the required data and upload all documents in PDF format.

The system allows saving a draft of the application within the application deadline. The system will register the online application date and send a receipt with an automatic e-mail reply. After deadline, the system will not allow login nor application submission.

In order to be valid, application shall include all the required data, applicant's signature and a valid identification document.

Each application will be assigned a tracking number to be cited in all subsequent communications, together with the selection code provided by the application form.

Applicants undertake to communicate in writing any variations of what declared in the application form.

The communication shall be edited in PDF format, signed and forwarded to the University of Pisa Rector via the Italian certified e-mail system address (P.E.C. Posta Elettronica Certificata): protocollo@pec.unipi.it or via e-mail at: concorsi@adm.unipi.it. Applicant's valid identification document shall be annexed.

For further information on application submission, please refer to concorsi@adm.unipi.it

For any IT malfunctioning please refer to unipi@cineca.it.

Applications shall be completed with the following annexes:

1. A self-attested Curriculum of the personal didactics, teaching and scientific activities, dated and signed;
2. The Publications applicant considers eligible for this selection with the corresponding list dated and signed;
3. A complete list of all Publications, dated and signed;
4. A copy of the fiscal code (if applicable) and identification card/passport, dated and signed;

All publications should not exceed 30 megabyte and are to be submitted in PDF format only, using the specific section of the application form.

Selection procedure:

A Rector's Decree will appoint the Selection Committee, consisting of three members.

The selection will be made according to a preliminary assessment of the candidates with an accurate and evidenced analytic evaluation of the Curriculum, of qualifications and scientific results, including PhD thesis.

After the preliminary assessment, the candidates that have comparatively proven to be the most meritorious, will be admitted to an open interview; they will represent between 10 and 20 % of the total and will be not less than six. The interview will concern applicant's qualifications and scientific results. In the event the number of applicants is six or less, all candidates are admitted.

Information about date, time, list of candidates admitted, and the conditions of the assessment interview will be published on the University website at the following link: <https://bandi.unipi.it/public/Bandi?type=RIC> , in the specific section reserved to the selection, 45 days after the deadline for the submission of the applications (with a twenty days' notice guarantee).

The publication on the University website is to be regarded as convocation notice for the participants to the selection, who must show the day and time indicated; no further communications will be published. The failed attendance to the interview will be considered as a voluntary waiver to the selection.

Selection Committee meetings for purposes other than qualifications and publications assessment may be held remotely, in whole or in part, using a video meeting platform, in compliance with the Regulation "Regolamento temporaneo per lo svolgimento delle sedute collegiali in modalità telematica" art. no. 2, 3 and 4, referred to in the Rectoral Decree no. 491/2020 of 6 March 2020 and subsequent amendments, as well as with the Rectoral Decree no. 1099/2020 of 7 August 2020, art. 3.

Qualifications and publications assessment will be held "in-presence", pursuant to the Rectoral Decree no. 1099/2020 of 7 August 2020, art. 1, and in compliance with the "Safety Protocol against Covid-19 Spread.

Guidelines for in-presence Selection Procedures”, issued by the Rectoral Decree no. 1011/2020 of 21 July 2020.

At least one member of the Selection Committee shall be present during the qualifications and publications assessment; the other Committee members can attend the selection procedure either “in-presence” or remotely, in compliance with the Regulation “Regolamento temporaneo per lo svolgimento delle sedute collegiali in modalità telematica”.

In the event of “in-presence” selection procedures also attended remotely by one or more Committee member, it shall be specified that the session is held “in-presence”, allowing however one or more Committee member to attend remotely and indicating the possible operating procedures for attendance; the selection minutes must include both the names of the members “in presence” and remotely connected, along with the operating platform used.

In order to ensure a limited access to the premises where the qualifications and publications assessment is carried out, auditors shall be allowed in (in compliance with the aforementioned Safety Protocol) only upon written request to be emailed at least two days before the selection procedure to concorsi_ricercatori@unipi.it. Live Streaming will be provided at <https://www.unipi.it/index.php/concorsi-gare-e-bandi> (see the relevant section) to guarantee the publicity of the qualifications and publications assessment.

Upon the Selection Committee approval, candidates living abroad and therefore unable to attend the “in-presence” interview at the University of Pisa, will be interviewed via web, prior their identification by approved international universities or research centers. The Selection Committee is appointed to assure the duly examination of the candidates and shall collect their ID copy.

Please note that the English version is given as a matter of courtesy, for the only purpose of information. It cannot be legally used in the event of a dispute or a claim arising from the interpretation of this translation and concerning the contents, a possible uncertainty, contradiction or discrepancy. Should this occur, the Italian version of the call shall prevail as the only valid. For full Italian text see: <https://bandi.unipi.it/public/Bandi?type=RIC>

Selection code A1

Department Of Chemistry and Industrial Chemistry

Academic Recruitment Field 03/B1 Principles of Chemistry and Inorganic Systems

Academic Discipline **CHIM/03** General and Inorganic Chemistry

Nr of available positions: 1

Focus of research

The design, the development of synthetic strategies, the structural characterization, and the study of the reactivity and of the properties of molecular compounds based on transition metals.

Scientific productivity

Dissemination of the results to the scientific community through publications in peer-reviewed international journals, presentation of the results in national and international conferences.

Head office

Department of Chemistry and Industrial Chemistry

Specific teaching activity of the contract

Courses within the Corsi di Studio offered by the Department of Chemistry and Industrial Chemistry and other Departments of the University of Pisa, for which the expertise of the Academic Discipline CHIM/03 is required.

Candidates may present a maximum number of 18 scientific publications.

Candidates will be required to demonstrate an adequate knowledge of English language.

Selection code A2

Department of Civilisations and Forms of Knowledge

Academic Recruitment Field 11/A3 Contemporary History

Academic Discipline **M-STO/04** Contemporary History

Nr of available positions: 1

Focus of research

The researcher will have to carry out research activities in an Academic Discipline that asks for skills related to the last two centuries starting from the late eighteenth-century political events that propose the universal themes of self-determination and citizenship (American Revolution and French Revolution). The Academic Discipline is characterized by attention to the phenomena of global interdependence, massification and acceleration of socio-economic processes. As an investigation aimed at clarifying our time, it develops the interweaving of history and memory, gender history, political-institutional, religious, socio-cultural, military phenomena. It also includes studies related to the methodology, historiography and didactics of the period considered.

Scientific productivity

Objective of the research project: in the three years the researcher will publish at least 5 contributes (2 of which published in A-ranked Journals) or 1 volume and 2 contributes (1 of which published in A-ranked Journals).

Head office

Department of Civilisations and Forms of Knowledge

Specific teaching activity of the contract

The contract includes 350 hours of supplementary teaching (doctoral lectures, courser for teachers, assistance to students) for each academic year covered by the contract. The contract shall schedule at least 48 hours of teaching on annual basis.

Candidates may present a maximum number of 12 scientific publications.

Candidates will be required to demonstrate an adequate knowledge of English language.

Selection code A3

Department of Economy and Management

Academic Recruitment Field 13/A1 Economics

Academic Discipline **SECS-P/01** Economics

Nr of available positions: 1

Focus of research

The research activity includes the study of economic phenomena at the micro-economic and macro-economic levels, using inductive, deductive, static and dynamic methods. The fields of investigation will be the theory of the consumer, the firm, markets and general equilibrium; the macro-economic analysis of real markets; the examination of the historical-evolutionary process of the theories and methods of the disciplines in the field.

Scientific productivity

Publications in prestigious journals and participation to national and international research projects.

Head office

Department of Economy and Management

Specific teaching activity of the contract

Courses mainly related to economics (SECS-P/01) held by the Department of Economy and Management.

Candidates may present a maximum number of 12 scientific publications.

Candidates will be required to demonstrate an adequate knowledge of English language.

Selection code A4

Department of Economy and Management

Academic Recruitment Field 13/C1 Economic History

Academic Discipline SECS/P04 History of Economic Thought

Nr of available positions: 1

Focus of research

The history of economic thought as a field of research with reference to both the contents and the methodology adopted. As regards content, it reconstructs the development of economic theories and ideas over time, also in relation to the scientific and cultural context in which they were formulated; the dissemination of economic knowledge through teaching, publications and participation in scientific associations; the interrelations between theories and visions of the economic system and the projects and achievements of economic policy. In terms of method, the research is based on the mastery of the analytical, interpretative and philological tools necessary to place the problems and personalities studied in their historical perspective.

Scientific productivity

Publications of international standing, including articles published in high-profile journals, monographs and contributions in volumes to be placed in the main international series in the field.

Head office

Department of Economy and Management

Specific teaching activity of the contract

Courses related to the SSD SECS P/04. The courses may be offered both in Italian-language degree courses and in English-language degree courses at the institution where the activities take place.

Candidates may present a maximum number of 12 scientific publications.

Candidates will be required to demonstrate an adequate knowledge of English language.

Selection code A5

Department of Information Engineering

Academic Recruitment Field 09/E3 Electronics

Academic Discipline **ING-INF/01** Electronic Engineering

Nr of available positions: 1

Focus of research

Research activities related to the Academic Discipline ING-INF/01 Electronics.

Scientific productivity

Publication of papers on qualified international scientific journals; participation to international conferences; involvement in national and international research projects.

Head office

Department of Information Engineering

Specific teaching activity of the contract

Teaching activity in courses of the Academic Discipline ING-INF/01 Electronics. Management of educational activities and projects.

Candidates may present a maximum number of 12 scientific publications.

Candidates will be required to demonstrate an adequate knowledge of English language.

Selection code A6

Department of Information Engineering

Academic Recruitment Field 09/F1 Electromagnetic Fields

Academic Discipline **ING-INF/02** Electromagnetic Fields

Nr of available positions: 1

Focus of research

Research activities on topics characterizing the Academic Discipline ING-INF/02 Electromagnetic Fields, with specific focus on the development of artificial materials (metamaterials and metasurfaces) for the design of devices, sensors and subsystems for wireless power transfer, biomedical and electronic systems diagnostics, as well as materials in the civil and industrial fields.

Scientific productivity

Advances in the state of the art in the topics within the Academic Discipline ING-INF/02 Electromagnetic Fields, documented by high quality publications in peer reviewed journals; participation to qualified international conferences; capability of acquiring funds for scientific and technological research and development at local, national, and international level and management of related research projects.

Head office

Department of Information Engineering

Specific teaching activity of the contract

Basic and advanced courses within the Academic Discipline ING-INF/02 - Electromagnetic Fields. Management of teaching activities and projects.

Candidates may present a maximum number of 12 scientific publications.

Candidates will be required to demonstrate an adequate knowledge of English language.

Selection code A7

Department of Geosciences

Academic Recruitment Field 04/A1 Geochemistry, Mineralogy, Petrology, Volcanology, Earth Resources and Applications

Academic Discipline **GEO/09** Mining Resources, Mineralogic and Petrographic Applications for the Environment and for Cultural Heritage

Nr of available positions: 1

Focus of research

Prospecting, modelling, geostatistical and geoeconomic evaluation of mineral raw materials and thematic cartography; characterization of geomaterials of industrial interest, their synthetic analogues, transformation products and their technological and industrial applications; environmental impact of the mining activity and connected prevention and remediation; archaeometric applications for studying the conservation and restoration of geomaterials used for artistic works of archaeological and historical-artistic interest.

Scientific productivity

Publication of scientific articles in international scientific journals with high impact factor; participation in national and international conferences, seminars and dissemination activities, development and management of geochemistry laboratories.

Head office

Department of Geosciences

Specific teaching activity of the contract

Courses within the SSD GEO/09 both in the field of teaching of geological sciences and environmental sciences.

Candidates may present a maximum number of 12 scientific publications.

Candidates will be required to demonstrate an adequate knowledge of English language.

Selection code A8

Department of Political Sciences

Academic Recruitment Field 13/A1 Economics

Academic Discipline **SECS-P/01** Economics

Nr of available positions: 1

Focus of research

The research will focus on the disciplines whose main subject is the theoretical explanation of microeconomic and macro-economic phenomena, using both inductive and deductive methods as well as both static and dynamic methods. Those disciplines must serve as analytical foundation for applied analysis and for interventions in the fields of economic policy and public economics. Main fields of interest are the theories of consumer behavior, of the firm, of the markets and of general equilibrium, the theory of international economics, both real and monetary, the theory of growth and of economic cycles.

Scientific productivity

Publications in national and international peer-reviewed journals; contributions in edited books and conference proceedings.

Head office

Department of Political Sciences

Specific teaching activity of the contract

Economics

Candidates may present a maximum number of 12 scientific publications.

Candidates will be required to demonstrate an adequate knowledge of English language.

Selectin code A9

Department of Political Sciences

Academic Recruitment Field 14/A1 Political Philosophy

Academic Discipline **SPS/01** Political Philosophy

Nr of available positions: 1

Focus of research

The scientific activity will have as its object the study and reflection on political issues in an eminently theoretical and non-empirical perspective, with particular attention to the philosophical analysis of political thought, the philosophy of social sciences and the history of political philosophical speculation.

Scientific productivity

Publications, both in Italian and English, about the topics mentioned above on legal journal of renowned prestige at domestic and international level, or on collective books issued by publishers of renowned prestige, in accordance with open science practices, as well as participation with presentation of papers to national and international conferences.

Head office

Department of Political Sciences

Specific teaching activity of the contract

The didactic-training activity will have as its object the courses relating to the SPS/01 Academic Discipline.

Candidates may present a maximum number of 12 scientific publications.

Candidates will be required to demonstrate an adequate knowledge of English language.