



UNIVERSITÀ DI PISA

Excerpt from Rector's decree no. 23/2024

**Call for the selection of 10 fixed-term Tenure Track Researcher (RTT)**  
(under Italian Law 240/2010, article 24)

**Procedure with restricted access, according to the provisions from article 14, paragraph 6-septiesdecies of Law Decree no. 36/2022**

The University of Pisa announces a call for 10 fixed-term Tenure Track Researcher (RTT) 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 provide services to students, and involves a commitment of 350 hours, on a full-time basis.

The **Tenure Track Researcher (RTT)** is required to deliver lectures for a minimum of 36 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. From the fourth year onwards, the maximum limit is increased to 120 hours.

Contract duration: max 6 years

**Deadline for application: 23 February 2024, 1 p.m.**

**Admission requirements:**

PhD or equivalent academic qualification awarded in Italy or abroad and recognized as eligible for admission.  
or medical specialization, for the sectors concerned

As for qualifications 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](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 documentation before the signing of the contract.

**Admission is reserved for those who are or have been holders, for a period of not less than one year, of "junior" researcher contracts (under Italian Law 240/2010, article 24, paragraph 3, letter a) or for subjects who are or have been holders, for a total duration of no less than three years, of one or more research grants (under Italian Law 240/2010 article 22)**

**Candidates are required to declare the following:**

1. That they enjoy full rights of citizenship in their home State.
2. That they have not 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. That they have not been dismissed or dispensed from employment by a Public Administration office for persistent unsatisfactory performance; that they have not been declared disqualified from State employment, in compliance with article 127, first paragraph, letter d) of the Consolidation Act of Provisions concerning State civil servants approved by Presidential Decree no. 3 of 10 January 1957.
4. That they are registered on the electoral roll.
5. That they have knowledge of the Italian language.

**No admission to this selection for:**

- Professors or Research Fellows with permanent positions at the university, currently employed or currently retired, as well as individuals who have benefited, for at least three years, from contracts for fixed-term tenure track researchers.
- Those who have a degree of kinship or affinity, up to and including the fourth degree, with a lecturer belonging to the structure where the contract is activated, or with the Rector, the Director-General or a member of the Board of Directors of the University cannot apply.

**Applications:**

Applications are to be submitted online only, using the following link: <https://pica.cineca.it/unipi/tipologia/docenti> 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 the deadline, the system will allow neither login nor application submissions.

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

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

Applicants undertake to communicate in writing any changes in what they declared in the application form.

The communication shall be edited in PDF format, signed and sent to the Rector of the University of Pisa via the Italian certified e-mail system address (P.E.C. Posta Elettronica Certificata) to [protocollo@pec.unipi.it](mailto:protocollo@pec.unipi.it) or via e-mail to [concorsi@adm.unipi.it](mailto:concorsi@adm.unipi.it). 'A valid identification document of the applicant shall be attached.

For further information on application submissions, please refer to [concorsi@adm.unipi.it](mailto:concorsi@adm.unipi.it).

For any IT malfunctioning please refer to the link at the bottom of the page: <https://pica.cineca.it/unipi>.

Applications shall be completed with the following attachments:

1. A self-attested curriculum in Italian language of one's personal educational, teaching and scientific activities, dated and signed;
2. A list of publications the applicant considers eligible for this selection, dated and signed;
3. A complete list of all publications, dated and signed;
4. A copy of the tax 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 such 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 per cent of the total and will be not less than six. The interview will concern the 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 guaranteed minimum of fifteen days' notice).

The publication on the University website is to be regarded as an invitation notice for the participants in the selection. Such notice must indicate the day and time; no further communications will be published. Failure to attend the interview will be considered as a voluntary withdrawal from the selection.

The discussion of qualifications and publications, even if it takes place in the form of a seminar open to the public, and the possible test to verify the linguistic skills referred to in article 7 of the relevant University Regulations, will take place in person or, where adequately motivated, remotely or in mixed mode, in compliance with the provisions of Presidential Decree no. 862/2022 of 23 May 2022.

During the discussion of qualifications and publications, an oral test will also be held to ensure adequate knowledge of the foreign language indicated in the announcement.

The Commission will declare the candidate's suitability or otherwise in terms of knowledge of the language.

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 one valid. For the full Italian text see:  
<https://bandi.unipi.it/public/Bandi?type=RIC>

Selection code A1

Department of Biology

Academic Recruitment Field 06/M1 - HYGIENE, PUBLIC HEALTH, NURSING AND MEDICAL STATISTICS

Academic Discipline MED/42 HYGIENE AND PUBLIC HEALTH

Nr. of position available: 1

Focus of research

Hygiene applied to the environment, with a particular focus on the search for pathogens in environmental matrices. Human health risk analysis, epidemiology.

Scientific productivity

Publication in Scopus and WOS indexed scientific journals (n° 2/year) and contributions to national and international conferences (n° 2/year of studies relevant to the scientific disciplinary sector MED 42 and to the specific research theme

Head office

Department of Biology

Specific teaching activity of the contract

Collaboration in teaching provided by SSD MED/42 in the degree courses of the Biology Department. Lessons, practical activities to support courses in the sector. Laboratories activities with molecular and cultural techniques for the analysis of water matrices and foodstuff, epidemiology exercises, risk analysis.

Candidates may present a maximum number of 15 scientific publications.

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

Selection code A2

Department of Chemistry and Industrial Chemistry

Academic Recruitment Field 03/A1 - ANALYTICAL CHEMISTRY

Academic Discipline CHIM/01 - ANALYTICAL CHEMISTRY

Nr. of position available: 1

Focus of research

Research activity in the areas relevant to the declaration of SSD CHIM/01 with regard to the development, implementation and optimization of analytical procedures based on gas and liquid phase chromatography in combination with mass spectrometry, and of analytical pyrolysis techniques. The research will involve applications to study the qualitative and quantitative composition of natural and synthetic organic materials in systems with different states of aggregation and variable complexity, in the research sectors where the role of Analytical Chemistry is fundamental (Health, Climate, Energy, Food, Bioeconomy, Natural Resources, Agriculture, Environment).

Object of the research are also the pre-analytical aspects of analytical chemistry (sampling, separation, enrichment, matrix modifications) as well as the development and use of tools for the evaluation and interpretation of the chemical data.

Scientific productivity

Publications on scientific peer-reviewed international journals, communications to national and international scientific conferences

Head office

Department of Chemistry and Industrial Chemistry

Specific teaching activity of the contract

Teaching courses that pertain to the discipline CHIM/01-Analytical Chemistry

Candidates may present a maximum number of 20 scientific publications.

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

Selection code A3

Department of Chemistry and Industrial Chemistry

Academic Recruitment Field 03/C2 - INDUSTRIAL AND APPLIED CHEMISTRY

Academic Discipline CHIM/04 - INDUSTRIAL CHEMISTRY

Nr. of position available: 1

Focus of research

The research activity will cover the topics of the SSD CHIM/04 (Industrial Chemistry). The activity will be focused on sustainable development and the optimization of catalytic and thermochemical processes in a green chemistry perspective, through the closure of the carbon cycle and the exploitation of biomass and waste materials. Low environmental impact processes will be studied for the production of chemicals and energy.

Scientific productivity

Achievement of full scientific autonomy, also through the supervision of degree and doctoral theses. Publication of scientific papers in international journals, presentations at national and international congresses and patent applications on the research topics.

Head office

Department of Chemistry and Industrial Chemistry

Specific teaching activity of the contract

Laboratory and theoretical courses for characterizing and mandatory training activities of the SSD CHIM/04 (Industrial Chemistry) for bachelor's and master's degree courses of the University of Pisa, compatibly with the minimum and maximum commitments defined by law and by the University Regulations for this role

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 Economics and Management

Academic Recruitment Field 13/A3 - PUBLIC ECONOMICS

Academic Discipline SECS-P/03 PUBLIC ECONOMICS

Nr. of position available: 1

Focus of research

Topics falling within the scope of the SSD SECS-P/03 declaration, which pertains to the study of the public sector of the economy and its interactions with the private sector, primarily conducted through the application of economic analysis, also from a comparative perspective. Research themes include the formation of collective choices, the justification of public intervention, the organization of the production of public and collective goods, the territorial structure of the public sector, as well as the macro- and microeconomic

aspects of public intervention in the economy through budgetary policies and/or regulation (fiscal, environmental, health, social security policies), taxation and the study of its impact, the provision, production, and financing of public services.

Scientific productivity

Publication of articles in national and international journals, participation in conferences and research groups related to the specific scientific discipline covered by the call.

Head office

Department of Economics and Management

Specific teaching activity of the contract

Courses taught in Italian and English offered in the Bachelor's and Master's degree programs within the

Department of Economics and Management relevant to the subject of the call.

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 of Pharmacy

Academic Recruitment Field 05/E1- GENERAL BIOCHEMISTRY

Academic Discipline BIO/10 BIOCHEMISTRY

Nr. of position available: 1

Focus of research

studio delle funzioni e delle trasformazioni dei costituenti chimici nonché dei meccanismi molecolari della trasduzione del segnale.

Scientific productivity

Publications of a congruous number of articles in international journals consistent with the SSD. Collaboration in the supervision of degree theses. Dissemination of research results in national and international conferences

Head office

Department of Pharmacy

Specific teaching activity of the contract

Teaching courses requiring BIO/10 skills in the Bachelor's, Master's and single-cycle degrees activated at the Department of Pharmacy and at the other Departments of the University of Pisa.

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

Dipartimento di Filologia, Letteratura e Linguistica

Settore concorsuale 10/F4- LITERARY CRITICISM AND COMPARATIVE LITERATURE

SSD L-FIL-LET/14 LITERARY CRITICISM AND COMPARATIVE LITERATURE

Nr. of position available: 1

Focus of research

The field of research will cover the topics of the L-FIL-LET/14 Scientific and disciplinary area. In particular, the research will focus on the study, on a theoretical and hermeneutic level, of the general problem of literature and genres, of the production, dissemination and evaluation of texts, as well as the comparative study of texts belonging to different literatures and cultures, including their literary rendering in a language other than the one in which they were written.

Scientific productivity:

Publications in peer-reviewed journals, in collective volumes and/or monographs.

Head office:

Dipartimento di Filologia, Letteratura e Linguistica.

Specific teaching activity of the contract:

L-FIL-LET/14 courses in BA and MA programs, and collaboration in the PhD courses of the Department

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 Computer Science

Academic Recruitment Field 01/B1 - INFORMATICS

Academic Discipline INF/01 - INFORMATICS

Nr. of position available: 1

Focus of research

Research activities in the fields of the academic discipline INF/01 Informatics

Scientific productivity

Contributions to the progress of the state of art in Computer Science by means of international level publications

Head office

Department of Computer Science

Specific teaching activity of the contract

The duties of the role include delivering teaching to all levels of students (undergraduate and graduate) of the academic discipline INF/01 - Informatics

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 Civil and Industrial Engineering

Academic Recruitment Field 09/A3 - INDUSTRIAL DESIGN, MACHINE CONSTRUCTION AND METALLURGY

Academic Discipline ING-IND/15 - DESIGN METHODS FOR INDUSTRIAL ENGINEERING

Nr. of position available: 1

Focus of research

The research activities will be focused on the typical aspects of Design and Methods of Industrial Engineering, with particular reference to the modeling of individual biomedical systems, to virtual prototyping, to modelling for the virtual and augmented reality.

Scientific productivity

The research activity involves the participation and coordination of research projects and contracts financed by public or private institutions, the participation in national and international meetings and conferences, as well as the writing of scientific papers for the dissemination of the results in indexed international journals and conference proceedings.

Head office

Department of Civil and Industrial Engineering

Specific teaching activity of the contract

The researcher will be available to carry out frontal and integrative teaching activities that will be presented in the context of educational programming, in relation to the scientific disciplinary sector ING-IND/15 DESIGN AND METHODS OF INDUSTRIAL ENGINEERING.

Candidates may present a maximum number of 12 scientific publications.

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

Selection code A9

Department of Translational Research and of New Surgical and Medical Technologies

Academic Recruitment Field 05/D1 - PHYSIOLOGY

Academic Discipline BIO/09 - PHYSIOLOGY

Nr. of position available: 1

Focus of research

Sensory, motor and cognitive neuro and psycho-physiology

Scientific productivity

“High impact publication on international scientific journals

Head office

Department of Translational Research and of New Surgical and Medical Technologies

Specific teaching activity of the contract

350 hours/year, including lectures (96 hours/year), integrative teaching and tutoring of students

Candidates may present a maximum number of 12 scientific publications.

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

Selection code A10

Department of Geosciences

Settore concorsuale: 04/A1 - Geochimica, Mineralogia, Petrologia, Vulcanologia, Georisorse ed Applicazioni

SSD: GEO/07 - Petrologia e Petrografia

n. 1 posto

Focus of research

*The candidate will be asked to focus the research activity on the general subject of: structure, composition, origin and systematics of igneous and metamorphic rocks; petrogenetic and geodynamic significance of petrographic associations; thermodynamic interpretation and modelling of petrogenetic processes, including experimental investigations; petrochemical and petrophysical rock characterization. The general aim is the understanding of the structure and evolution of the Earth and planetary bodies, with contributions to natural science museums, management of natural heritage, as well as geoscience teaching and outreach.*

*Scientific productivity*

Attendance to national and international meetings. Outreach activities.

Head office

Department of Geosciences

Specific teaching activity of the contract

*Teaching Petrology and Petrography in Bachelor and Master degree programs of the University of Pisa.*

Candidates may present a maximum number of 12 scientific publications.

Candidates will be required to demonstrate an adequate knowledge of English l