



UNIVERSITÀ DI PISA

Excerpt from Rector's decree no. 22/2024

Call for the selection of 5 fixed-term Tenure Track Researcher (RTT)
(under Italian Law 240/2010, article 24)

Procedure with restricted access, according to the provisions from paragraph 1-bis of article 24

The University of Pisa announces a call for 5 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

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 have attended, for at least thirty-six months, even cumulatively, PhD courses or carried out research activities, on the basis of a formal assignment, with the exclusion activities carried out free of charge, at universities or research institutions, both Italian and foreign, other than the University of Pisa.

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 or via e-mail to 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

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 to 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 **05/A2** - Plant physiology

Academic Discipline **BIO/04** - Plant physiology

Nr. of position available: 1

Focus of research:

Molecular and developmental plant physiology, with particular interest in the molecular mechanisms regulating plant growth, environmental response, the basic mechanisms of plant functioning and possible approaches aimed at applicative aspects, such as the mechanisms underlying productivity control and plant biotechnologies.

Scientific productivity:

Publications with high scientific impact in prestigious international peer review journals, access to calls for national and international funding, creation of a scientific research network at national and international level

Teaching activity:

Courses relevant for the SSD BIO04

Head office

Department of Biology

Candidates may present a maximum number of 12 scientific publications.

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

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Selection code A2

Department of Chemistry and Industrial Chemistry

Academic Recruitment Field 03/A2 - Models And Methods For Chemistry

Academic Discipline CHIM/02 - Physical Chemistry

Nr. of position available: 1

Focus of research:

The research activity will be carried out in the subjects relevant to the declaration of SSD CHIM/02, in particular regarding the study of the physico-chemical properties of solid and soft materials employed in several strategic research and industry sectors through the use of experimental spectroscopic techniques. Nuclear magnetic resonance techniques will be mainly developed, implemented, and applied to achieve detailed characterizations of the structural and dynamic properties of the materials and to correlate these to the macroscopic and applicative properties of the same materials.

Scientific productivity:

Publications on international peer-reviewed scientific journals, access to competitive research calls, dissemination of research results in national and international conferences, development of methods and protocols for experiments and data analysis, attainment of a full scientific autonomy also through the supervision of Master and PhD students.

Head office

Department of Chemistry and Industrial Chemistry

Specific teaching activity of the contract:

Courses pertinent to the disciplines of the physical chemistry scientific area.

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 Economics and Management

Academic Recruitment Field **13/A5** - Econometrics

Academic Discipline **SECS-P/05** - Econometrics

Nr. of position available: 1

Focus of research

The topics contained in the declaratory of SSD SECS-P/05, with special reference to econometrics, applied econometrics and econometric methods.

Scientific productivity:

Scientific articles, participation in research groups, and presentations at conferences congruent with the scientific area covered by the call.

Head office:

Department of Economics and Management

Specific teaching activity of the contract:

Teaching courses in the field of "Econometrics" (SSD SECS-P/05) activated in the Courses of Study of Dipartimento di Economia e 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 Law

Academic Recruitment Field **13/A1 - Economics**

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

Nr. of position available: 1

Focus of research:

Research activity in economics according to the official definition of the *settore concorsuale* 13 A1, with respect to the study of economic phenomena at the micro-economic and macro-economic level. Main subjects of interests are the theory of decision; the theory of the firm, markets and institutions; macroeconomic theory; international economics; growth and development theory; the analysis of the historical process of evolution of economic theories and methods; economic methodology.

Scientific productivity:

Publication of essays in academic journals of high international rating and in volumes published by prominent academic publishers; possible publication of a monograph with a prominent academic publisher; participation to conferences and meetings of scientific associations, both Italian and international; participation to research activities at a local, national or international level financed on a competitive basis.

Head office

Department of Law

Specific teaching activity of the contract

Teaching of courses in the macro-area 13A (Economics) for the degrees of the Department of Law; in view of the specific abilities and interests of the students enrolled in these degrees, the teaching will focus on the institutional and methodological aspects of the various subjects.

The discussion of the titles and scientific production will take place in the form of a seminar open to the public

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 Computer Science

Academic Recruitment **01/A5** - Numerical Analysis

Academic Discipline **MAT/08** - Numerical Analysis

Nr. of position available: 1

Focus of research

The envisaged scientific commitment consists in carrying out research activities in the relevant fields of the scientific disciplinary sector **MAT/08** - Numerical Analysis and related interdisciplinary topics, with particular regard to applications in the field of numerical simulation, high performance computing, and the corresponding numerical and computational issues.

Scientific productivity

Achieve results of international relevance within the disciplinary scientific sector covered by the procedure and the interdisciplinary issues connected to it. Drafting of articles of interest in the field of numerical analysis and which find their place in general or specialist journals at a national or international level. Seminars in universities, research institutes, and international and national conferences.

Head office

Department of Computer Science

Specific teaching activity of the contract

Teaching of courses on basic mathematics in all study courses of the university, as well as advanced courses on numerical analysis in undergraduate, master's and doctorate courses in mathematics.

Candidates may present a maximum number of 12 scientific publications.

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