



UNIVERSITÀ DI PISA

Excerpt from Rector's decree n. 20/2024

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

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

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.

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 declare 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 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 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 05/I1 GENETICS

Academic Discipline BIO/18 GENETICS

Nr. of position available: 1

Focus of research

Topics of the scientific disciplinary sector BIO/18

Scientific productivity

Publication of scientific articles in international journals with IF (1-3 articles/year), dissemination and presentation of research results at national and international scientific congresses

Head office

Department of Biology

Specific teaching activity of the contract

The teaching commitment will concern teachings relevant to the scientific disciplinary sector BIO/18

Candidates may present a maximum number of 12 scientific publications.

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

Selection code A2

Department of Biology

Academic Recruitment Field 05/E1 GENERAL BIOCHEMISTRY

Academic Discipline BIO/10 BIOCHEMISTRY

Nr. of position available: 1

Focus of research

Research area: In agreement with the declaration of the disciplinary sector BIO/10, the research will deal with the study of the properties of proteins and of the molecular mechanisms involved in their regulation

Scientific productivity

Scientific production will consist in the publication of papers on scientific international peer-reviewed journals with IF, in the dissemination of research results by oral/poster communications at national and international meetings, and in scientific collaborations with national and international institutions

Head office

Department of Biology

Specific teaching activity of the contract

The teaching activity will be held within courses belonging to the disciplinary sector BIO/10 and will consist in frontal lectures and laboratory activities according to the yearly teaching plan of the Department of Biology and of other Departments of the University of Pisa requiring competence specific of the BIO/10 sector. Teaching activity will also include the supervision of undergraduate students, and seminars for the "Biochemistry and Molecular Biology" PhD program.

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 Biology

Academic Recruitment Field 05/B2 COMPARATIVE ANATOMY AND CYTOLOGY

Academic Discipline BIO/06 COMPARATIVE ANATOMY AND CYTOLOGY

Nr. of position available: 1

Focus of research

The research activity will concern the topics of the scientific disciplinary sector BIO/06. In particular, the planned study and research activity will concern the development of the central nervous system and its function. Object of study are also the development and use of biotechnological techniques for the study neurodevelopmental disorders taking advantage of animal and cellular models

Scientific productivity

Publication of articles in international scientific journals of high impact; participation in national and international conferences for the dissemination of research results; participation in research projects and research grant acquisition.

Head office

Department of Biology

Specific teaching activity of the contract

Lectures and practicals in the laboratory of courses within the SSD BIO/06 as scheduled in the teaching program by the Bachelor's and Master's degree programs of the Department of Biology. Supervision of undergraduate and PhD students and seminar activities are also planned.

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 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

Research topics included in the declaration of the SSD CHIM/04, with particular focus on the preparation and characterization in mass, solution, and at the surface of functional polymeric materials as well as their subsequent modification through chemical functionalization processes and/or incorporation of technologically advanced additives. The study and research will be directed towards the synthesis, also by using advanced polymerization techniques, of self-assembling and stimuli-responsive polymers, as well as the formulation of polymer-based materials, studying the structure-property-performance relationships, keeping in view of their potential use for special and cutting-edge applications in the fields of environment protection, biomedicine, and energy.

Scientific productivity

Publications on scientific peer-reviewed international journals, communications to national and international scientific conferences, filings of industrial patents

Head office

Department of Chemistry and Industrial Chemistry

Specific teaching activity of the contract

Teaching courses that pertain to the discipline CHIM/04-Industrial Chemistry

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 Economics and Management

Academic Recruitment Field 13/B1 - BUSINESS ADMINISTRATION AND ACCOUNTING STUDIES

Academic Discipline SECS-P/07 - BUSINESS ADMINISTRATION AND ACCOUNTING STUDIES

Nr. of position available: 1

Focus of research

The scope of the research concerns the study of the main organization constituents and of the factors contributing to the long- term economic development of companies, considering profit, non-profit organizations and public administrations, including healthcare organizations. The sector of Business Administration includes two closely linked research fields: the studies of business administration, which involve theories of the firm and of business groups, strategies and business policies, analysis and design of business processes, business ethics, financial statements, business evaluation, auditing and consulting; the studies of Accounting which regard the evaluation, analysis and use of data to support decision and control processes, accounting and financial statements (including financial auditing and financial analysis), accounting for decision making (management accountants, planning and control), accounting history.

Scientific productivity

A monograph, contributions in volumes and articles published in qualified national and international journals in the field of business administration.

Head office

Department of Economics and Management

Specific teaching activity of the contract

Teaching activity:

Courses mainly related to the sector Business Economics (SSD SECS-P/07) offered by Department of Economics 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 A6

Department of Economics and Management

Academic Recruitment Field 13/D4 - MATHEMATICAL METHODS OF ECONOMICS, FINANCE AND ACTUARIAL SCIENCES

Academic Discipline SECS-S/06 - MATHEMATICAL METHODS OF ECONOMICS, FINANCE AND ACTUARIAL SCIENCES

Nr. of position available: 1

Focus of research

Mathematical and computational methods for management science, economics, social sciences, decision theory, risk theory and finance

Scientific productivity

Papers published in international journals with high impact factor and high evaluation in VQR and ANVUR

Head office

Department of Economics and Management

Specific teaching activity of the contract

Courses mainly related to mathematics (SSD SECS-S/06) offered by the Department of Economics 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 A7

Department of of Pharmacy

Academic Recruitment Field PHARMACOLOGY, CLINICAL PHARMACOLOGY AND PHARMACOGNOSY

Academic Discipline BIO/14 - PHARMACOLOGY

Nr. of position available: 1

Focus of research

The field of the research will concern the study of: drugs at a preclinical experimental level and in humans; the mechanism of action of drugs, medicaments and toxic, natural, synthetic and biotechnological; suitable methodologies for the evaluation of the effects of drugs, drug-toxicokinetics, the determination and control of posologies and the detection and evaluation of adverse reactions and their treatment; the risk/benefit and cost/benefit ratio of pharmacological interventions.

Scientific productivity

Scientific publications on ISI international journals, participation to national and international conferences in the research field, starting scientific cooperation with Italian and /or foreign organizations and institutions

Head office

Department of Pharmacy

Specific teaching activity of the contract

Teaching courses of the Department of Pharmacy and other Departments of the University of Pisa in which the SSD (disciplinary scientific sector) skills are requested.

Candidates may present a maximum number of 15 scientific publications.

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

Selection code A8

Department of Computer Science

Academic Recruitment Field 01/B1 - INFORMATICS

Academic Discipline INF/01 - INFORMATICS

Nr. of position available: 2

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 A9

Department of Agricultural, Food and Agro-Environmental Sciences

Academic Recruitment Field 07/D1 - PLANT PATHOLOGY AND ENTOMOLOGY

Academic Discipline AGR/12 - PLANT PATHOLOGY

Nr. of position available: 1

Focus of research

Specific research activity:

The research activity will focus on the areas related to the AGR/12 disciplinary sector. Specifically, the candidate will be engaged in investigating, through innovative biochemical, ecophysiological, hyperspectral, and molecular techniques, the interactions between agricultural and forestry plants and biotic and abiotic stress factors. The study will involve the differential reactions among hosts characterized by different levels of resistance/susceptibility, through field, greenhouse, and laboratory investigations. Attention will also be given to the development and refinement of defense strategies through the selection and characterization of natural substances in unconventional formulations and the study of their mechanisms of action

Scientific productivity

At least twelve scientific publications in indexed international journals, focusing on the research activities carried out and relevant to the reference disciplinary sector (AGR/12). Additionally, the presentation of achieved results at four international conferences in the field will be required.

Head office

Department of Agricultural, Food and Agro-Environmental Sciences

Specific teaching activity of the contract

Conducting teaching activities in various forms (lectures, exercises, seminars), assigned as institutional teaching tasks within the didactic programming of undergraduate, professionalizing three-year degree courses, master's degree, and doctoral programs.

Candidates may present a maximum number of 14 scientific publications.

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