



Excerpt from Rector's decree n. 822/2024

**Public selection procedure for 15 permanent positions of Full Professor in compliance with Article 18, para 4-ter, Law 240/2010.**

Selection procedures are hereby announced for 15 permanent positions of Full Professor in compliance with Article 18, para 4-ter, Law 240/2010 for the macro-sectors, Academic Recruitment Fields and Academic Disciplines indicated in Annex A to this call.

Annex A refers to the possible holding of a teaching test consisting of a lecture on a subject, from a trio drawn from among those predetermined by the selection board, and chosen by the candidates twenty-four hours before the test.

#### **Requirements for admission**

**The selection is open to academics who have obtained the national qualification in compliance with Article 16 of Law 240/2010 for the Academic Recruitment Field and for the functions covered by the procedure.**

**Full Professors in post are not eligible to participate in the selection procedure.**

In addition, for admission to the selection procedure, the candidate must declare:

1. that they are entitled to exercise civil and political rights in the State of their nationality or origin;
2. that they have not been convicted of any criminal offence, or have been convicted of any offence, indicating the details of the relevant convictions and any pending criminal proceedings;
3. that they have not been dismissed or relieved from office with a Public Administration for consistently poor performance, or that they have not been dismissed from a civil service job, pursuant to Article 127, first paragraph, letter d) of the Consolidated Text of the provisions concerning the status of civil servant, approved by Presidential Decree no. 3 of 10 January 1957;
4. that they are registered in the electoral roll;
5. their current situation with regard to military service (for Italian male citizens only);
6. that they have adequate Italian language skills.

**The candidate must fill all the requirements above on the expiry date of the call for applications, under penalty of exclusion.**

Persons having a degree of kinship or affinity, up to and including the fourth degree, with a professor belonging to the department or structure making the call, or with the Rector, the General Manager or a member of the University Board of Directors, cannot participate in the selection procedure.

Exclusion from the selection procedure is ordered with a reasoned decree of the Rector and is communicated to the person concerned.

The exclusion decree shall be notified by PEC to the Certified Electronic Mail address indicated by the candidate in the application; in the absence of a PEC address, such exclusion decree shall be notified, for all legal purposes, to the standard electronic mail address.

#### **Applications and Deadlines**

Applications for admission to the selection procedure, as well as the candidate's qualifications, documents and publications deemed useful for the competition, must be submitted electronically, under penalty of exclusion, using the dedicated computer application on the following page:

<https://pica.cineca.it/unipi/>

The candidate may access the competition platform using the SPID system (Sistema Pubblico di Identità Digitale - Public Digital Identity System), selecting the University of Pisa among the available federations. If the candidate does not have a SPID identity, they may submit a request according to the procedures indicated on the website [www.spid.gov.it](http://www.spid.gov.it).

Candidates may also log in using the credentials issued directly by the competition platform (the computer application requires an e-mail address for self-registration in the system), with their LOGINMIUR, REPRIS or REFEREES account.

The applicant must enter all the data required to produce the application and attach the documents in electronic PDF format.

**No other form of submission of applications or documentation for participation in the procedure is permitted.**

By the application submission deadline, the system allows the application to be saved in draft mode. The date of submission of the application is certified by the computer system by means of a receipt that will be sent automatically by e-mail.

Once the submission deadline has expired, the system will no longer allow access and submission of the electronic form.

Each application will be given an identification number which must be specified for any subsequent communication, together with the Call Code indicated in the computer application.

**The process of completing and submitting the application electronically must be completed no later than 1 p.m. on June 6, 2024.**

**In the case of access by identification through the SPID system, the application for admission to the selection procedure is automatically acquired by the system without the need for a signature.**

**If access occurs with the other credentials accepted by the system, the submission of the application must be finalized and completed as follows:**

- **Digital Signature** using smart cards, USB tokens, or remote signatures that allow the holder to sign generic documents using PC-based signature software or a remote signature web portal provided by the Certification Authority. Anyone who has a smart card or digital signature USB token can check its compatibility with the digital signature system built into the server system. If the result is positive, the holder can sign the application directly on the server (e.g. ConFirma).
- **For those who do not have compatible digital signature devices and remote digital signature holders** who have access to a portal for signing generic documents, it is necessary to save the PDF file generated by the system on their PC and, without modifying it in any way, digitally sign it in CAdES format: a file with the extension a.p7m will be generated and must be uploaded to the system again.

**If they cannot use any of the above options, the candidate must save the PDF file generated by the system on his/her PC and print it out, without modifying it in any way, and add a full autograph signature on the last page of the printout.** This complete document must be scanned into PDF format and the resulting file uploaded to the system.

**Under penalty of exclusion, the completed application must contain all the required data, be accompanied by a valid identification document and, if not submitted with access through identification through the SPID system, must be signed by the applicant.**

Any deviation from what is indicated in the application must be communicated to the Rector by certified email (PEC) ([protocollo@pec.unipi.it](mailto:protocollo@pec.unipi.it)) or by email to [concorsi\\_docenti@unipi.it](mailto:concorsi_docenti@unipi.it) (in PDF format, duly signed and dated, with a copy of a valid identity document attached) by the closing date for applications.

Any information or clarification regarding the submission of applications may be requested from the Unità Programmazione e reclutamento personale docente, ricercatori e collaborazioni di insegnamento e ricerca ([concorsi\\_docenti@unipi.it](mailto:concorsi_docenti@unipi.it)).

To report purely technical problems, please contact support via the link at the bottom of the page <https://pica.cineca.it/unipi>.

**The following documents must be attached to the application:**

- a) Curriculum vitae in Italian (compulsory, under penalty of exclusion) and, if desired, in English (optional) of the candidate's scientific and teaching activities, dated and signed by the candidate; the curriculum vitae must include all the qualifications that the candidate intends to submit for the Board's assessment;
- b) Publications that the candidate intends to submit for the procedure, taking into account the maximum number envisaged, with a list thereof;
- c) List of all publications by the candidate;
- d) Photocopies of the tax ID code and of an identity document.

**Failure to submit a curriculum vitae in Italian will result in disqualification from the procedure.**

In addition to Italian, the candidate may submit the Curriculum Vitae in English; the submission of the Curriculum Vitae in English is optional, and its absence will not disqualify the candidate.

**Publications that candidates wish to submit must be sent exclusively in PDF format via the appropriate section of the online procedure.**

**Each publication cannot exceed 30 megabytes.**

If the applicant is unable to produce a file smaller than the above limit, the document may be sent from the PEC address to [protocollo@pec.unipi.it](mailto:protocollo@pec.unipi.it) by referring to the application submitted.

**Publications not included with the application will not be evaluated by the board. Lists with links to text will not be accepted in lieu of publications.**

**Examining Boards**

The Examining Boards are appointed by the Rector, by means of a decree published on the University's website at the following link: <https://bandi.unipi.it/public/Bandi?type=DOC>.

In relation to the educational-scientific functions for which the position has been advertised, the Boards, after a comparative assessment of the scientific publications, the curriculum and the teaching activity by an absolute majority of the members, will express specific, non-numerical, descriptive judgements for each candidate with regard to the above-mentioned parameters, assigning to each parameter a rating between insufficient and excellent (insufficient, sufficient, fair, good and excellent).

The assessment will be based on the procedures and criteria established by the Board, including the manner in which the teaching test, if any, will be conducted, during the first meeting of the Board, which will be made known to the candidates prior to the assessment through publication on the University's website, on the official computerized bulletin board; the assessment criteria regarding scientific publications, curriculum and teaching activities must be established taking into account the quality standards established by Ministerial Decree no. 344 of 4 August 2011.

Based on the above assessments, the Boards will identify the candidates who have been positively assessed and will provide an overall assessment. Candidates are positively evaluated if they have received at least a sufficient score on all assessment parameters.

The Board's overall assessment must be accompanied by an adequate statement of reasons that makes it possible to understand, also from a comparative point of view, the logical process that led to the specific evaluation of each parameter and to the overall evaluation of each candidate.

**Proposal for Call and Appointment**

Within two months from the approval of the documents, the Department Council that has requested the filling of the post proposes to the Board of Directors the appointment of the candidate selected from among those positively evaluated, in compliance with the provisions of Article 8 of the University Regulation governing the appointment of Associate and Full professors as per Articles 18 and 24 of Law 240/2010 cited in the introduction.

Persons having a degree of kinship or affinity, up to and including the fourth degree, with a professor belonging to the department or structure making the call, or with the Rector, the General Manager or a member of the University Board of Directors, cannot be called.

If the call is approved, the candidate will be appointed to the position of Full professor by order of the Rector.

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=DOC>.

Selection code PO2024-3-1

**Department of Biology**

Group of Academic Recruitment Fields **05/A** “Plant Biology”

Academic Recruitment Field **05/A1** “Botany”

SSD **BIO/01** “General Botany”

no. of positions 1

**Scientific activity:**

It will cover the following area: \_\_ General botany: plant biology at all levels of organization, including autotrophic prokaryotes, algae and fungi, and their symbiosis. In particular, studies on reproductive mechanisms, structural and functional organization and their evolution of the above organisms, to establish their relationships and interpret their structures and functions from an evolutionary perspective. Analyses of the ways in which cells and organs acquire the ability to perform specialized functions; highlights of the relationships between cytological, ultrastructural, histological, anatomical, morphological, organographic, physiological aspects and the role of secondary metabolites, framing them in the characteristics of the development environment, as well as the molecular basis of plant development. Also, development and application of functional methods for relevant investigations and the related biotechnological applications. In particular, the professor will be called upon to carry out scientific activities in the study of the response of plants to abiotic stresses and emerging pollutants.

**Teaching activity:**

It will concern the following area: \_\_ the teacher will be called upon to carry out teaching, supplementary teaching and student service activities within the subjects relevant to the scientific disciplinary sector BIO/01, mainly for the teaching needs of the degree courses provided by the Department of Biology.

**Maximum number of publications that candidates may submit: 20**

Selection code PO2024-3-2

**Department of Economics and Management**  
Group of Academic Recruitment Fields 13/A “Economics”  
Academic Recruitment Field 13/A5 “Econometrics”  
SSD SECS-P/05 “Econometrics”  
no. of positions 1

**Scientific activity:**

The topics contained in the SSD SECS-P/05’s declaration, with particular reference to econometrics, applied econometrics and econometric methods.

**Teaching activity:**

Courses in the field of Econometrics (SSD SECS-P/05) offered in the Study programs of the “Dipartimento di Economia e Management.

**Teaching Test YES**

**Maximum number of publications that candidates may submit: 15**

**Language skills:**

English language

Selection code P02024-3-3

**Department of Pharmacy**

Group of Academic Recruitment Fields **05/E** “Experimental and clinical biochemistry and molecular biology”

Academic Recruitment Field **05/E1** “General biochemistry”

SSD **BIO/10** “Biochemistry”

no. of positions 1

**Scientific activity:**

The scientific activity will cover specific topics within the disciplinary scientific field BIO/10, in particular: the study of biological processes at the molecular level, of molecular mechanisms and signal transduction, of the biochemical bases of pathological states.

**Teaching activity:**

The teaching activity will comprise teaching courses of the Department of Pharmacy and other Departments of the University of Pisa in which the BIO/10 (scientific disciplinary sector) skills are required.

**Maximum number of publications that candidates may submit: 20**

**Language skills:**

English language

Selection code PO2024-3-4

**Department of Pharmacy**

Group of Academic Recruitment Fields **03/C** "Organic, Industrial and Applied Chemistry"

Academic Recruitment Field **03/C1** "Organic Chemistry"

SSD **CHIM/06** "Organic Chemistry"

no. of positions 1

**Scientific activity:**

It will cover the following scope: topics contained in the declaratory of the academic discipline CHIM/06, in synergy with the research and third mission activities of the strategic plan of the Department and in collaboration with national and international Universities and Research Institutions.

The scientific activity will focus in particular on the development of efficient and environmentally friendly synthetic methodologies, also based on stereoselective approaches for the obtainment of organic compounds also biologically active and of new organic materials and on the isolation of organic compounds of plant origin also endowed with biological activity.

**Teaching activity:**

It will cover the following scope: courses in the scope of the academic discipline CHIM/06 - Organic Chemistry, with particular reference to courses of Organic Chemistry and Spectroscopic Methods in Organic Chemistry of Bachelor, Master and at Single-cycle degree courses of the Department of Pharmacy and the University of Pisa.

**Maximum number of publications that candidates may submit: 20**

**Language skills:**

English language



Selection code PO2024-3-5

**Department of Philology, Literature and Linguistics**

Group of Academic Recruitment Fields **10/L** “English and Anglo-American Studies”

Academic Recruitment Field **10/L1** “English and Anglo-American languages, literatures and cultures”

SSD **L-LIN/10** “English Literature”

no. of positions 1

**Scientific activity:**

The field of research will cover the topics of the L-LIN/10 scientific and disciplinary area. It will encompass the study of cultures and literatures in English from the Middle Ages to the contemporary age and related authors (both from Great Britain and from English-speaking countries), based on the methodologies of philological, linguistic and literary research, specifically aimed at critical comprehension through the analysis of original texts in their linguistic, rhetorical, thematic, figurative and formal dimensions. It will also comprehend the study of issues connected with the teaching of English literature.

**Teaching activity:**

L-LIN/10 English literature courses in BA, MPhil and PhD courses.

**Maximum number of publications that candidates may submit: 15**

**Language skills:**

English language

Selection code PO2024-3-6

**Department of Philology, Literature and Linguistics**

Group of Academic Recruitment Fields **10/E** “Medieval Latin and Romance Philologies and Literatures”

Academic Recruitment Field **10/E1** “Medieval Latin and Romance Philologies and Literatures”

SSD **L-FIL-LET/08** “Medieval and Humanistic Latin Literature”

no. of positions 1

**Scientific activity:**

The field of research will cover the topics of the L-FIL-LET/08 scientific and disciplinary area. It will encompass the study of works in Latin, from late antiquity to Renaissance Humanism, and of the relevant authors, spanning all literary genres. Studies will be carried on through the use of philological, linguistic and literary-critical research methodologies, as well as those for the linguistic and digital analysis of texts.

**Teaching activity:**

L-FIL-LET/08 courses in BA, MPhil and PhD courses

**Maximum number of publications that candidates may submit: 15**

**Language skills:**

English language

Selection code PO2024-3-7

**Department of Law**

Group of Academic Recruitment Fields **12/G** "Criminal law and criminal procedure"

Academic Recruitment Field **12/G2** "Criminal Procedure"

SSD **IUS/16** "Criminal Procedure"

no. of positions 1

**Scientific activity:**

The scientific activity will concern the following area: organising and carrying out research activities relating to the in-depth study of topics inherent to the disciplinary scientific sector IUS/16, with particular regard to national, supranational and European developments in the discipline, as well as their implementation.

**Teaching activity:**

The teaching activity will concern the following area: assumption of the teaching load envisaged by the regulations in force for full professors in the disciplines pertaining to the IUS/16 scientific disciplinary sector, to be carried out within the framework of the five-degree courses ("*Corsi di Laurea Magistrali*") and three-year degree courses ("*Corsi di Laurea Triennali*") of the University, as well as the courses pertaining to the same disciplinary sector offered at the PhD Course in Legal Sciences ("*Scienze Giuridiche*"), the School of Specialisation for the Legal Professions ("*Scuola di Specializzazione per le Professioni Legali*") and the School of Specialisation in Legal Medicine ("*Scuola di Specializzazione di Medicina Legale*"). In addition to dealing with the discipline of criminal procedure in its entirety, teaching will focus on the transformations brought to traditional categories and institutes by new technologies.

**Maximum number of publications that candidates may submit: 12**

Selection code PO2024-3-8

**Department of Energy, Systems, Land and Construction Engineering**

Group of Academic Recruitment Fields **09/C** "Energy, Thermomechanical and Nuclear Engineering"

Academic Recruitment Field **09/C2** "Thermal Sciences, Energy Technology, Building Physics and Nuclear Engineering"

SSD **ING-IND/10** "Thermal Engineering and Industrial Energy Systems"

no. of positions 1

**Scientific activity:**

It will concern the following scope "Methodological and experimental research activities on the fundamentals of thermodynamics, thermo-fluid dynamics, heat transfer, energetics, the analysis of the environmental impact of energy processes, the rational use of energy including the use of renewable energy sources, passive technologies and plant systems for environmental control, design of components for thermotechnical plants and the related analysis of environmental and acoustic impact, including the implementation of strategies for mitigating these impacts and measures aimed at study of physical-technical and thermo-fluid-dynamic phenomena

**Teaching activity:**

It will concern the following scope: Teaching activities in the field of engineering physics, in particular thermodynamics and heat transfer, both for three-year degree courses and for master's degree courses, with reference to the curricula of the University of Pisa, including teaching activities in professional degree courses and in inter-university degree courses in which the University of Pisa participates.

**Maximum number of publications that candidates may submit: 15**

Selection code PO2024-3-9

**Department of Information Engineering**

Group of Academic Recruitment Fields **09/G** "Systems Engineering and Bioengineering"

Academic Recruitment Field **09/G2** "Bioengineering"

SSD **ING-INF/06** "Electronic and Informatics Bioengineering".

no. of positions 1

**Scientific activity:**

Research activities in Biomedical Engineering, including advanced processing of data and signals with particular regard for applications in neurology and the design of innovative systems for physiological data and behaviour monitoring.

**Teaching activity:**

Teaching and teaching-related activities in courses within the area SC 09/G2 (scientific discipline ING-INF/06), in particular computational modelling, advanced biosignal and bioimage analysis and advanced biosensor technologies. Organisation of academic courses.

**Maximum number of publications that candidates may submit: 12**

**Teaching Test YES**

**Language skills:**

English language

Selection code PO2024-3-10

**Department of Information Engineering**

Group of Academic Recruitment Fields **09/H** "Computer Engineering"

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

SSD **ING-INF/05** "Information Processing Systems"

no. of positions 1

**Scientific activity:**

Research activities related to the Academic Discipline ING-INF/05 Information processing systems.  
Organizing national and international research projects

**Teaching activity:**

Teaching activity in courses of the Academic Discipline ING-INF/05 Information processing systems.  
Management of the teaching activities and projects.

**Maximum number of publications that candidates may submit: 15**

**Language skills:**

English language

Selection code PO2024-3-11

**Department of Information Engineering**

Group of Academic Recruitment Fields **09/F** "Telecommunications Engineering and Electromagnetic Fields"

Academic Recruitment Field **09/F1** "Electromagnetic fields"

SSD **ING-INF/02** "Electromagnetic fields"

no. of positions 1

**Scientific activity:**

Research activities will concern characteristic topics of the scientific disciplinary sector "ING-INF/02 - Electromagnetic Fields", with specific emphasis on components, antennas and systems at microwaves and millimeter-wave frequencies.

**Teaching activity:**

Basic and advanced courses within the scientific disciplinary sector "ING-INF/02 - Electromagnetic Fields".

**Maximum number of publications that candidates may submit: 15**

**Teaching Test YES**

**Language skills:**

English language

Selection code PO2024-3-12

**Department of Translational Research and New Technologies in Medicine and Surgery**

Group of Academic Recruitment Fields **06/A** "Pathology and laboratory medicine"

Academic Recruitment Field **06/A2** "Experimental medicine, pathophysiology and general pathology"

SSD **MED/02** "Medical History"

no. of positions 1

**Scientific activity:**

Scientific and didactic-training activity in the field of History of Medicine including medical epistemology, medical scientific methodology and bioethics, medical pedagogy, medical museology, with particular regard to paleopathology.

**Teaching activity:**

It will cover the following area: teaching of the History of Medicine and Paleopathology in the degree and master's degree courses of the Department of Translational Research and New Technologies in Medicine and Surgery and of other Departments of the University of Pisa in which the skills of the SSD MED/02 are required.

**Maximum number of publications that candidates may submit: 20**



Selection code PO2024-3-13

**Department of Translational Research and New Technologies in Medicine and Surgery**  
Group of Academic Recruitment Fields **06/A** "Pathology and laboratory medicine"  
Academic Recruitment Field **06/A1** "Medical genetics"  
SSD **MED/03** "Medical Genetics"  
no. of positions 1

**Scientific activity:**

Scientific activity in line with the declaration of the SSD MED/03 (Medical Genetics), in the field of medical genetics and related diagnostic-clinical aspects, with particular regard to the genetics of complex diseases and epigenetics.

**Teaching activity:**

It will cover the following area: teaching related to the Medical Genetics in the degree course in Medicine and Surgery, in the Specialization courses and in the Bachelor's and Master's Degrees of the Medical Area.

**Maximum number of publications that candidates may submit: 25**

**Language skills:**

English language

Selection code PO2024-3-14

**Department of Agricultural, Food and Agro-Environmental Sciences**

Macrosector 07/I "Agricultural microbiology"

Academic Recruitment Field 07/I1 "Agricultural microbiology"

Academic Discipline **AGR/16** "Agricultural microbiology"

No. of available positions: 1

**Scientific activity:**

It will cover the following area: knowledge and research experience, proven by results obtained at national and international level, in the topics specific to the scientific disciplinary field AGR/16 (Agricultural Microbiology). In particular, it will concern the study of biodiversity, ecology, physiology, genetics and taxonomy of microorganisms of agricultural, food and environmental interest, in relation to their role in natural and agricultural ecosystems and in bioremediation, and their use and control in food processing

**Teaching activity:**

Expertise and many years of experience in teaching the disciplines of the scientific disciplinary field AGR/16 (Agricultural Microbiology) is required

**Maximum number of publications that candidates may submit: 20**

Selection code PO2024-3-15

**Department of Agricultural, Food and Agro-Environmental Sciences**

Group of Academic Recruitment Fields **07/B** "Agricultural and forest systems"

Academic Recruitment Field **07/B1** "Agronomy and Field, Vegetable, Ornamental Cropping"

SSD **AGR/02** "Agronomy and Field Crops"

no. of positions 1

**Scientific activity:**

It will cover the following area: The scientific commitment will be related to the areas proper to SSD AGR/02. In particular, it will cover the following topics: study of agro-ecosystems, general and territorial agronomy, agrometeorology, biology and ecophysiology of herbaceous field crops, ecological and anthropogenic factors acting on the soil-plant-atmosphere system. These aspects are studied for the development, in different soil-climate environments and at different scales, of efficient strategies and techniques for the sustainable management of the cropping system by ensuring the quanti-qualitative availability of crop productions, the provision of ecosystem services and the enhancement of environmental resources. In addition, the effort should include the acquisition of funding for the implementation of research projects on competitive calls, the development of contacts and relationships with public and private entities, and the consolidation of research collaborations in international contexts.

**Teaching activity:**

It will concern the following area: teaching-training activities within the disciplines related to SSD AGR/02, in three-year and master's degree courses and PhD courses activated at DiSAAA-a, also in collaboration with other Departments of the University of Pisa

**Maximum number of publications that candidates may submit: 20**