

Bando di concorso ONLY IN ITALIAN

Annex 1 - Self-certification if applying as a civil servant ONLY IN ITALIAN

Annex 2 - Self-certification of University Degree ONLY IN ITALIAN

Annex 3 - A Declaration from your employer if you are applying as an employee under an agreement ONLY IN ITALIAN

Annex 4 - A self-certification if you are applying as a grant or research fellowship holder ONLY IN ITALIAN

Annex 5 [VIDEO form](#) (only if required in the individual PhD programme description) ONLY IN ITALIAN

**PHD PROGRAMME IN BIOLOGY**  
**ACADEMIC YEAR 2025/2026 (41° CICLO)**

**Coordinator** professor *Arianna Tavanti*

**Department:** Biologia

(<https://www.unipi.it/ateneo/organizzazione/strutture/dipartimenti/dipartimento-di-biologia-409999/>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 13

BIO_01	<b>Outcome of the selection procedure:</b> Single ranking for research project	
	<b>PhD positions: no. 1</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject</b> (optional)	
	<b>Grant funded positions</b>	
	1	University of Pisa
	Pathogenic mechanisms underlying neuromuscular diseases	
	For information regarding the research topic, candidates are invited to contact: prof. <b>Elisabetta Ferraro</b> <a href="mailto:elisabetta.ferraro@unipi.it">elisabetta.ferraro@unipi.it</a>	

BIO_02	<b>Outcome of the selection procedure:</b> Single ranking for research project	
	<b>PhD positions: no. 1</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject</b> (optional)	
	<b>Grant funded positions</b>	

1	University of Pisa	Exploiting mycobacterial secretion systems for development of new antituberculosis vaccines
For information regarding the research topic, candidates are invited to contact: prof. <b>Daria Bottai</b> <a href="mailto:daria.bottai@unipi.it">daria.bottai@unipi.it</a>		

BIO_03	<b>Outcome of the selection procedure:</b> Single ranking for research project	
	<b>PhD positions: no. 1</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject (optional)</b>	
	<b>Grant funded positions</b>	
	1	Department of Biology of University of Pisa, Department of Excellence 2023-2027
		Developmental processes and mechanisms regulating the plasticity of the serotonergic system
For information regarding the research topic, candidates are invited to contact: prof. <b>Massimo Pasqualetti</b> <a href="mailto:massimo.pasqualetti@unipi.it">massimo.pasqualetti@unipi.it</a>		

BIO_04	<b>Outcome of the selection procedure:</b> Single ranking for research project	
	<b>PhD positions: no. 1</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject (optional)</b>	
	<b>Grant funded positions</b>	
	1	Department of Biology of University of Pisa, Department of Excellence 2023-2027
		Behavioural Genomics and Metagenomics in Geladas
For information regarding the research topic, candidates are invited to contact: prof. <b>Elisabetta Palagi</b> <a href="mailto:elisabetta.palagi@unipi.it">elisabetta.palagi@unipi.it</a> ; prof. <b>Daniele Campa</b> <a href="mailto:daniele.campa@unipi.it">daniele.campa@unipi.it</a>		

BIO_05	<b>Outcome of the selection procedure:</b> Single ranking for research project	
	<b>PhD positions: no. 1</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject (optional)</b>	
	<b>Grant funded positions</b>	
	1	Department of Biology of University of Pisa,
		AI-driven comparative network analysis of trophic and parasitic interactions in terrestrial mammals across spatial and temporal scale

For information regarding the research topic, candidates are invited to contact: prof. <b>Alessandro Massolo</b> <a href="mailto:alessandro.massolo@unipi.it">alessandro.massolo@unipi.it</a>		

<b>BIO_06</b>	<b>Outcome of the selection procedure:</b> Single ranking for research project	
	<b>PhD positions: no. 1</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject (optional)</b>	
	<b>Grant funded positions</b>	
	1	Department of Biology of University of Pisa, Anthropogenic threats and conservation approaches for the protection of sea turtles
For information regarding the research topic, candidates are invited to contact: prof. <b>Paolo Casale</b> <a href="mailto:paolo.casale@unipi.it">paolo.casale@unipi.it</a>		

<b>BIO_07</b>	<b>Outcome of the selection procedure:</b> Single ranking for research project	
	<b>PhD positions: no. 1</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject (optional)</b>	
	<b>Grant funded positions</b>	
	1	Department of Biology of University of Pisa, Adaptations, evolution and demography of African Plio-Pleistocene faunas. Integrating genetics and palaeoenvironment modelling under machine learning
For information regarding the research topic, candidates are invited to contact: prof. <b>Giovanni Boschian</b> <a href="mailto:giovanni.boschian@unipi.it">giovanni.boschian@unipi.it</a>		

<b>BIO_08</b>	<b>Outcome of the selection procedure:</b> Single ranking for research project	
	<b>PhD positions: no. 1</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject (optional)</b>	
	<b>Grant funded positions</b>	
	1	Department of Biology of University of Pisa, Zebrafish as a model system for studying a rare neurodevelopmental syndrome caused by mutations in the NKTR gene
For information regarding the research topic, candidates are invited to contact: prof. <b>Michela Ori</b> <a href="mailto:michela.ori@unipi.it">michela.ori@unipi.it</a>		

<b>BIO_09</b>	<b>Outcome of the selection procedure:</b> Single ranking for research project	
	<b>PhD positions: no. 2</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject</b> (optional)	
	<b>Grant funded positions</b>	

2	Department of Biology of University of Pisa,	Mechanotransduction in neural and neuronal cells: modulation of gene expression induced by mechanical force
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For information regarding the research topic, candidates are invited to contact: prof. **Vittoria Raffa** [vittoria.raffa@unipi.it](mailto:vittoria.raffa@unipi.it)

<b>BIO_10</b>	<b>Outcome of the selection procedure:</b> Single ranking for research project	
	<b>PhD positions: no. 1</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject</b> (optional)	
	<b>Grant funded positions</b>	

1	Department of Chimica e chimica industriale of University of Pisa	Design of new-to-nature flavin-based photoenzymes through deep learning and synthetic biology
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For information regarding the research topic, candidates are invited to contact: prof. **Beatrice Giuntoli** [beatrice.giuntoli@unipi.it](mailto:beatrice.giuntoli@unipi.it)

<b>BIO_11</b>	<b>Outcome of the selection procedure:</b> Single ranking for research project	
	<b>PhD positions: no. 1</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject</b> (optional)	
	<b>Grant funded positions</b>	

1	CNR - Istituto di Neuroscienze	Targeting Inhibitory Gabaergic Neurons In Combination With Standard Care And/Or Flash Radiotherapy To Fight Glioblastoma
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For information regarding the research topic, candidates are invited to contact: prof. **Mario Costa** [mario.costa@in.cnr.it](mailto:mario.costa@in.cnr.it)

<b>BIO_12</b>	<b>Outcome of the selection procedure:</b> Single ranking for research project	
	<b>PhD positions: no. 1</b>	

of which

No.	Financing institution	Research project / subject (optional)
<b>Grant funded positions</b>		
1	Research Center "E.Piaggio" of University of Pisa	Innovative methodologies for the regeneration of intestinal tissues

For information regarding the research topic, candidates are invited to contact: prof. **Giovanni Vozzi** [giovanni.vozzi@unipi.it](mailto:giovanni.vozzi@unipi.it)

**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;

In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications.

Candidates declaring their participation as public employees automatically **RENOUCE** the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

## **Below information refers to all of the selections above.**

### **ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, as outlined in **Attachment** of the PhD call for applications.

### **SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

#### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum:**

list of exams passed during the university career with grades;

degree grade;

copies of any publications;

other titles (language certificates, abstracts of conference participations, indicating whether poster or oral presentations, teaching support contracts, etc.).

#### **Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry.

Particular attention will be paid to ascertaining prior knowledge in the proposed topic. The interview can be conducted in Italian or English; if conducted in Italian, the candidate's knowledge of English will be assessed.

It will also include an assessment of English language proficiency through the reading and translation of a passage from a scientific publication.

**Competitions:** **BIO05, BIO06, BIO10**

Interviews will take place remotely only.

**Competitions:** **BIO01, BIO02, BIO03, BIO07, BIO08, BIO09, BIO11, BIO12**

**Web conference** **NO**

The interview for the BIO01, BIO02, BIO03, BIO07, BIO08, BIO09, BIO11, BIO12 competitions will take place in person only.

**Competition:** **BIO04**

**Web conference** **SI**

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview

	Minimum grade	Maximum grade
<b>Curriculum</b>	<b>30</b>	<b>40</b>
To access the written examination, you need 30 as minimum grade out of 40		
<b>Interview</b>	<b>40</b>	<b>60</b>
You are eligible with 70 as minimum grade out of 100		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING AND ENROLLMENT

In article 5 of the PhD competition call the following information is to be found:

- candidates ranking drafting mode
- ranked list publication date
- procedures and deadlines for enrollment
- procedures and deadlines for enrollment in case a winner declines or does not proceed to enroll, so the next eligible person down the ranked list will be offered a position

## INFO ON THE PHD COURSE

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/scienze-fisiche-chimiche-matematiche-e-biologiche/biologia/>

### Website:

<https://www.biologia.unipi.it/dottorato-ph-d.htm>

### Course regulations:

<https://www.unipi.it/phocadownload/regolamentiallegati/regdottoratobiologia.pdf>



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA



UNIVERSITÀ  
CATTOLICA  
del Sacro Cuore



## PHD PROGRAMME IN ARTIFICIALE INTELLIGENCE

### ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)

in agreement with CNR-ISTI, CNR-IIT, Università di Bologna “*Alma Mater Studiorum*”, Fondazione Bruno Kessler - FBK, Consorzio Interuniversitario Nazionale per l'Informatica, CINI - Università degli Studi di Modena e Reggio Emilia, Università Cattolica del Sacro Cuore – Milano, Università degli Studi di Napoli “L'Orientale”, Scuola Normale Superiore, Scuola Superiore Sant'Anna, Scuola IMT “Alti Studi” di Lucca, Gran Sasso Science Institute, Istituto Nazionale di Fisica Nucleare – INFN, Università degli Studi di Messina, Consorzio METIS, Fondazione Pisana per la Scienza, Selexi s.r.l.

Coordinator professor Salvatore Ruggieri

Department: Informatica

(<https://unimap.unipi.it/organizzazione/ente.php?d=489999@DIP>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

**PhD positions available No. 44**

of which:

**PhD positions with grant No. 43**

**PhD positions reserved to employees No. 1**

DN_AI_01	<b>Outcome of the selection procedure:</b> Single ranking list										
	<b>PhD positions: No. 43</b> <b>of which</b>										
	<table> <tr> <th>No.</th><th>Financing institution</th><th>Research project / subject (optional)</th></tr> <tr> <td colspan="3"><b>PhD Grants</b></td></tr> <tr> <td>1</td><td>University of Pisa</td><td></td></tr> </table>	No.	Financing institution	Research project / subject (optional)	<b>PhD Grants</b>			1	University of Pisa		
No.	Financing institution	Research project / subject (optional)									
<b>PhD Grants</b>											
1	University of Pisa										

	1	Department of Informatica of the University of Pisa (CUP I53C22001530006)	<i>Designing neural networks that learn in time through a dynamical systems perspective</i>
	1	Department of Informatica of the University of Pisa funded within the framework of "Progetto Mimosa" (CUP I53C23001760001)	<i>Design and Usage of Foundation Model-based Approaches and LLM-based Methods for Mining Interpretable Models</i>
	2	Department of Informatica of the University of Pisa (CUP B53B24000020006)	<i>Human centered AI in online content moderation</i>
	1	Department of Informatica of the University of Pisa funded thorough the project <i>RehAI Pioneering AI-Driven Solutions for Advanced Rehabilitation Service</i> (CUP I53C25000680001)	<i>Trustworthy AI for Personalized Neurorehabilitation: Adaptive Models for Clinical and Home-based Scenarios</i>
	3	Department of Informatica of the University of Pisa funded thorough COLLAGE – FIS 2023_03382 (CUP I53C25000560001)	<i>Continual, Decentralized Compositionality and Orchestration of Foundation Models for Sustainable Artificial Intelligence</i>
	1	Department of Chimica e Chimica Industriale of the University of Pisa (CUP I53C24003150001)	<i>Deep learning approaches for the design of photoenzymes</i>
	1	<i>Institute of information science and technologies "Alessandro Faedo" (CNR-ISTI)</i>	<i>Refinement of dynamic large-scale Cultural Heritage and Scholarly Knowledge Graphs</i>
	1	<i>Institute of information science and technologies "Alessandro Faedo" (CNR-ISTI)</i>	<i>Neuro-symbolic Reasoning and Learning</i>
	1	<i>Institute of information science and technologies "Alessandro Faedo" (CNR-ISTI)</i>	<i>AI for 3D data generation, processing, and design</i>
	1	<i>Institute of information science and technologies "Alessandro Faedo" (CNR-ISTI)</i>	<i>AI-Driven Biomechanical Analysis for Personalized Training</i>
	1	<i>Institute of information science and technologies "Alessandro Faedo" (CNR-ISTI)</i>	<i>AI-Powered IoT Technologies for User Localization and Environmental Monitoring</i>
	1	<i>Institute of information science and technologies "Alessandro Faedo" (CNR-ISTI)</i>	<i>Artificial Intelligence and its ethical implications</i>
	1	Scuola Normale Superiore SNS	<i>Methods for trustworthy, human-centered, explainable AI and their application to understanding and predicting complex phenomena at the individual and social scales in domains characterized by human-machine collaboration. The methods studied will range from discriminative AI to generative AI and foundation models, depending on the candidate's background.</i>
	1	Institute of Informatics and TelematicsCNR-IIT	<i>Decentralized Federated Continual Learning in Dynamic Systems</i>
	1	Institute of Informatics and TelematicsCNR-IIT	<i>Generative AI for Mobile and Digital health</i>
	1	Institute of Informatics and TelematicsCNR-IIT	<i>Private Quantum Machine Learning</i>
	1	Institute of Informatics and TelematicsCNR-IIT	<i>Network Intelligence in 6G networks</i>
	1	Institute of Informatics and TelematicsCNR-IIT	<i>Leveraging Large Language Models for Accurate and Efficient Information Extraction and Analysis from Multimodal Knowledge Bases</i>
	1	Scuola Superiore ad Ordinamento Speciale Gran Sasso Science Institute GSSI	<i>Individual ethics of users and interactions with digital systems' ethics</i>
	1	Scuola Superiore ad Ordinamento Speciale Gran Sasso Science Institute GSSI	<i>Adaptive autonomous systems with respect to individual user ethics</i>
	1	Scuola IMT Alti Studi Lucca	<i>Complex Networks: statistical physics meets machine learning</i>

	2	School of advanced studies Sant'Anna - Pisa	<i>AI, Statistics, Computer Science and Engineering for methodological research driven by big data with applications in Economics, Management and Law</i>
	2	School of advanced studies Sant'Anna - Pisa	<i>Scientific Machine Learning for Urban Microclimate Surrogate Modelling, as part of the activities of the ERC project "DANTE - Data Aware efficient models of the urban microclimate" (GA 101115741)</i>
	1	University Cattolica del Sacro Cuore - Milano	<i>Artificial Intelligence as System 0: Understanding and Evaluating AI as Cognitive Extension</i>
	1	University Cattolica del Sacro Cuore - Milano	<i>Personalized AI in Neurorehabilitation for Cognitive and Socio-Relational Recovery</i>
	1	University of Modena and Reggio Emilia	<i>Modular Deep Learning Approaches for Human Analysis in Smart Cities</i>
	1	University of Modena and Reggio Emilia	<i>Versatile and Trustworthy Systems for Next-Generation Multimodal AI</i>
	1	Consorzio Metis	<i>Design and development of AI techniques, focusing on federated learning in edge computing infrastructures for Smart Building applications</i>
	1	Fondazione Pisana per la Scienza FPS	<i>Artificial Intelligence to integrate multi-omic and functional data to develop predictive models on glioblastoma and optimize personalized therapies</i>
	1	University of Napoli L'Orientale	<i>Evaluating the Multilingual Capabilities of Generative Language Models: An In-Depth Analysis of the Italian language</i>
	1	University of Napoli L'Orientale	<i>Regulating Generative AI models and systems: accountability, liability and data protection</i>
	2	Istituto Nazionale Fisica Nucleare INFN	<i>Accelerating Physics research using Artificial Intelligence</i>
	1	<i>Alma Mater Studiorum</i> University of Bologna e Fondazione Bruno Kessler FBK	<i>AI Compliance in NLP and LLM Systems: Ensuring Fairness and Robustness</i>
	1	<i>Alma Mater Studiorum</i> University of Bologna e Fondazione Bruno Kessler FBK	<i>Compliance of AI algorithms in Digital Twin: Addressing Fairness and Robustness</i>
	1	<i>Alma Mater Studiorum</i> University of Bologna e Consorzio Interuniversitario Nazionale per l'Informatica CINI	<i>AI-assisted Knowledge Engineering with Large Language Models</i>
	1	University of Messina	<i>Distributed Intelligence and Federated Learning in Cloud-Edge Continuum</i>
<p><b>N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:</b></p> <ol style="list-style-type: none"> <li><u>1. apply as a public employee, thereby automatically renouncing the PhD grant;</u></li> <li><u>2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;</u></li> </ol> <p>In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform</p>			

	<a href="https://www.studenti.unipi.it">https://www.studenti.unipi.it</a> . They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications. Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. <b><u>Once this choice is done it is irrevocable and cannot be modified at a later time.</u></b>		
DN_AI_02	<b>Outcome of the selection procedure:</b> Ranking reserved to employees of <i>Selexi s.r.l.</i> (legal head office Milan)		
	<b>PhD positions: No. 1</b> of which		
	No.	Financing institution	Research project / subject (optional)
	PhD Grants		
	1	Selexi srl	Costruzione, validazione ed implementazione di strumenti di valutazione delle competenze soft in ambito risorse umane, potenziati da intelligenza artificiale

**The information below is valid for all selection procedures listed above.**

#### ADMISSION REQUIREMENTS (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

*or*

an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025.**

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

#### SELECTION CRITERIA (*art. 4 of the PhD competition call*)

##### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

**During the online application process**, candidates are required to specify 2 names and contacts (e-mail address and phone number) of professors and scholars of Artificial intelligence, who are available to provide and upload references **by July, 18th 2025 23:59 (Italian time)**, following the instructions that will be sent to them directly by email.

##### **Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry.

Candidates will have to demonstrate an adequate knowledge of the English language the Examination Committee will verify candidates' English language proficiency.

**Web conference** SI

**Interviews may only be taken online mode**

##### **Research project**

**to be evaluated along with the curriculum and illustrated during the interview**

The research project, aimed at highlighting the candidate's planning and design skills, must be uploaded during the online application process.

The research project is aimed at assessing the candidates' propensity to research activity and their awareness regarding the challenges of multi-disciplinary research and innovation in Artificial Intelligence (AI), both towards innovative applications of AI in society and in devising new tools and theories for future AI. The submitted project should therefore briefly outline the research questions addressed, contextualising them within the aforementioned challenges. The paper should not exceed the limit of 9000 characters (including spaces), corresponding to approximately two pages (excluding bibliography). Based on their research interests, applicants may indicate up to three preferences—listed in decreasing order of priority—for the grant offered, during the online application procedure for the PhD call.

	Minimum grade	Maximum grade
<b>Curriculum</b>	36	60
<b>Candidates who have obtained a score of at least 36 out of 60 points are admitted to the interview.</b>		
<b>Interview</b>	36	60
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 72 out of 120 points.</b>		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING LIST AND ENROLLMENT

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/dottorati-nazionali/>

### Website:

<https://phd-ai-society.di.unipi.it/>

### PhD Programme regulations:

*Currently being enacted*



PHD PROGRAMME IN LINGUISTIC STUDIES AND FOREIGN LITERATURES AND ITALIAN STUDIES  
ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)

Director of Department professor *Alessandro Lenci*

Department: Filologia, letteratura e linguistica

<https://www.unipi.it/ateneo/organizzazione/strutture/dipartimenti/dipartimento-di-filologia-letteratura-e-linguistica-459999/>

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 3

DISCI_01	<b>Outcome of the selection procedure:</b> Ranking list for <i>curriculum</i> Modern and comparative foreign literatures (French, English, Portuguese, Romanian, Spanish, Slavonic, German)	
	<b>PhD positions: No. 1</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject</b> (optional)	
	<b>PhD Grants</b>	

1	University of Pisa	
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DISCI_02	<b>Outcome of the selection procedure:</b> Ranking list for <i>curriculum</i> Italian Studies (Literary, Philological, and Linguistic)	
	<b>PhD positions: No. 1</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject</b> (optional)	
	<b>PhD Grants</b>	

1	University of Pisa	
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DISCI_03	<b>Outcome of the selection procedure:</b> Ranking list for <i>curriculum</i> General, historical, applied, computational, educational and modern languages linguistics (French, English, Portuguese, Spanish, German, Baltic and Slavic languages)		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		
	1	Department of Filologia, Letteratura e Linguistica of University of Pisa, Department of Excellence 2023-2027	

**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;

In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications.

Candidates declaring their participation as public employees automatically **RENOUCE** the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

### **The information below is valid for all selection procedures listed above.**

#### **ADMISSION REQUIREMENTS (art 3 of the PhD competition call)**

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

or

an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025.**

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, as outlined in **Attachment** of the PhD call for applications.

#### **SELECTION CRITERIA (art. 4 of the PhD competition call)**

##### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

##### **Written examination.**

The written test will be aimed at assessing the academic prerequisites. The test may be taken in either Italian or English, at the candidate's choice.

**Competition** DISCI02

For the *curriculum* in Italian Studies (literary, philological, linguistic), the written test must be held in Italian, as it is aimed at assessing the specific disciplinary skills required by the curriculum itself.

**Interview**

The interview aims at further assessing the candidates' background knowledge, as well as their aptitude for research, their willingness to profit from relevant formative opportunities in Italy and abroad, and their interest in in-depth academic investigation. Candidates' proficiency in the main foreign language of their research project as well as in another of the foreign languages that are studied in the Programme will be assessed. International candidates holding a foreign degree can be interviewed in English.

**Web conference** NO**Research project**

**to be evaluated along with the *curriculum* and illustrated during the interview**

The research project, aimed at highlighting the candidate's planning and design skills, must be uploaded during the online application process. In order to highlight the capacity to carry out the project, the research project will be evaluated together with the *curriculum* and the candidate discuss it during the interview. The project (min. 5,000-max. 10,000 characters, incl. spaces, to be accompanied by a bibliography) must clearly illustrate its working hypothesis, research subject and methodological structure. It should also be characterised by elements of originality with respect to the state of the art and contain references to its development during the three years of the PhD program. The project must be written in Italian and accompanied by an abstract (min. 1,000 characters, incl. spaces) written in the language of the candidate's specialisation, which must be one of the foreign languages included in the PhD syllabus. Candidates who do not specialise in any language must present an abstract written in one of the foreign languages included in the PhD syllabus

**Competition** DISCI02

The research project must be written only in Italian, without an abstract in a foreign language.

	Minimum grade	Maximum grade
<b><i>Curriculum</i></b>	21	35
<b>Candidates who have obtained a score of at least 21 out of 35 points are admitted to the written test.</b>		
<b><i>Written examination</i></b>	21	35
<b>Candidates who have obtained a score of at least 21 out of 35 points are admitted to the interview.</b>		
<b><i>Interview</i></b>	18	30
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 60 out of 100 points.</b>		

**EXAM SCHEDULE**

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

**RANKING LIST AND ENROLLMENT**

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

The research activities carried out by the members of the Academic Board cover the scientific-disciplinary sectors represented in the three curricula: *'General, Historical, Applied, Computational, Educational Linguistics, and Modern Languages (French, English, Portuguese, Spanish, German, Baltic and Slavic Languages)'*, *'Modern and Comparative Foreign Literatures (French, English, Portuguese, Romanian, Spanish, Slavic Studies, German)'*, *'Italian Studies (Literary, Philological, Linguistic)'*. In the field of literature, research spans from the origins of European literatures to contemporary works, with a focus on the various forms and genres, research methodologies, the history of the disciplines, and knowledge transmission techniques. In the field of linguistics, research focuses on ancient and modern (Indo-)European languages, Italian, and dialects, addressing phonetic, phonological, morphological, syntactic, and lexicological structures from both synchronic and diachronic perspectives. In the field of philology, the PhD program investigates the formal, material, and historical-literary aspects of texts written in the cultural languages of Western Europe (including the vernaculars, Latin, and Greek) as well as those produced in Italy or related to Italian culture. Studies in literary criticism and comparative literature approach, at both theoretical and hermeneutical levels, including a contrastive perspective, the general problem of literature, genres, production, dissemination, and evaluation of texts. The PhD Program in Linguistic Disciplines, Foreign Literatures, and Italian Studies aims to provide its students with advanced specialized training in linguistic, philological (medieval, humanistic, and modern), and literary studies. By the end of the course, each doctoral student will have acquired the specific disciplinary competencies required by their curriculum. In particular: The curriculum in *'General, Historical, Applied, Computational, Educational Linguistics, and Modern Languages'* aims to develop knowledge of theoretical models of linguistic analysis and their practical applications, both in ancient and modern languages, and from both synchronic and diachronic perspectives. The curriculum in *'Modern and Comparative Foreign Literatures'* aims to provide solid expertise in the history and major phenomena of the main European literatures, as well as in the theories and methods of text analysis in relation to the main continental traditions. The curriculum in *'Italian Studies (Literary, Philological, Linguistic)'* aims to develop the competencies necessary to conduct high-level research in Italian Studies disciplines (literary, philological, historical-linguistic, medieval and humanistic literature and philology, comparative studies), both in academic institutions and in public or private research organizations, including training in the field of Digital Humanities (digital editions, corpus creation and management).

### PhD Programme *curricula*:

1. General, historical, applied, computational, educational and modern languages linguistics (French, English, Portuguese, Spanish, German, Baltic and Slavic languages)
2. Modern and comparative foreign literatures (French, English, Portuguese, Romanian, Spanish, Slavonic, German)
3. Italian Studies (Literary, Philological, and Linguistic)

### Website:

The dedicated website is currently under construction and will be made available as soon as it is completed.

### PhD Programme regulations:

*Pending issuance*

**PHD PROGRAMME IN BUSINESS ADMINISTRATION AND MANAGEMENT**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**  
**partnered with university of Florence and university of Siena**

**Coordinator professor *Simone Lazzini***

Department of Economics and Management

(<https://www.unipi.it/ateneo/organizzazione/strutture/dipartimenti/dipartimento-di-economia-e-management-439999/>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

ECO_01	<b>Outcome of the selection procedure:</b> Single ranking list		
	<b>PhD positions: No. 8</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	University of Pisa	
	1	Università degli Studi di Firenze	
	1	Università degli Studi di Siena	
	1	Centro Servizi Polo Universitario "Sistemi Logistici" di Livorno	<i>Il Management della blue economy: implicazione sulla logistica portuale e sull'economia del mare</i>
	2	Regione Toscana – funded thorough PR FSE 2021/27 within the framework of <b>Giovanisi</b> ( <a href="http://www.giovanisi.it">www.giovanisi.it</a> ), the project of the Tuscany Region for youth empowerment, "Pegaso" PhD grants ( CUP I51J25000050006)	

	-require a study and research stay-abroad period of at least 6 (six) months	
1	Regione Toscana – funded thorough PR FSE 2021/27 within the framework of <b>Giovanisi</b> ( <a href="http://www.giovanisi.it">www.giovanisi.it</a> ), the project of the Tuscany Region for youth empowerment, “Pegaso” PhD grants ( CUP I51J25000050006) -require a <b>study and research stay-abroad period of at least 12 (twelve) months</b> (for recipients of an “International grant”)	
1	Regione Toscana – funded thorough PR FSE 2021/27 within the framework of <b>Giovanisi</b> ( <a href="http://www.giovanisi.it">www.giovanisi.it</a> ), the project of the Tuscany Region for youth empowerment, “Pegaso” PhD grants ( CUP I51J25000050006) -require a <b>study and research stay-abroad period of at least 6 (six) months</b>	<i>L' Intelligenza Artificiale e il Decision-Making Process tra rivoluzione manageriale e dilemma etico</i>

#### Further requirements

Beneficiaries of **“Pegaso” PhD grants** – academic year. 2025/26, funded thorough PR FSE 2021/27 within the framework of **Giovanisi** ([www.giovanisi.it](http://www.giovanisi.it)), the project of the Tuscany Region for youth empowerment, must also:

- be no older than 35 years of age at the time of application for the PhD call (up to and including the day of their 35th birthday);
- demonstrate an adequate knowledge of the English language (at least B2 level), which will be assessed by the examining board during the selection process. Candidates must present a valid B2 English level certificate (at least) prior to enrollment and acceptance of the Pegaso grant.
- declare their willingness to carry out a study and research stay abroad of at least 6 (six) months (12 (twelve) months for recipients of an international grant), and to acknowledge that failure to complete the mandatory mobility period may result in the revocation of the entire scholarship by the Tuscany Region. This declaration is not required for beneficiaries of topic-specific PhD grants for whom no international mobility was foreseen at the time of project submission;
- (only for recipients of PhD research project grants) formally declare their willingness to carry out a training/research experience of at least 3 (three) months in an applied context – such as companies, public research institutions, other public institutions (not universities) – and acknowledge that failure to carry out such experience may result in the revocation of the full scholarship by the Regione Toscana;
- declare their willingness to attend courses on soft skills development, knowledge of the labour market and research environment, and methodologies for data collection, analysis, and management (Data Science), as proposed by the implementing body over the three-year duration of the PhD programme.

**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;

In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications.

Candidates declaring their participation as public employees automatically **RENOUCE** the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

**The information below is valid for all selection procedures listed above.**

**ADMISSION REQUIREMENTS (art 3 of the PhD competition call)**

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

or

an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025**.

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

## **SELECTION CRITERIA (art. 4 of the PhD competition call)**

### **Curriculum**

The curriculum, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

Please attach the following documents to your application. These documents must be uploaded exclusively during the online registration phase for the competition:

- A copy of any publications
- The master's thesis or equivalent, or for candidates who have not yet obtained their degree, a draft of the thesis
- A list of exams taken during the university career with the corresponding grades and the final degree grade
- Any additional documentation

### **Interview**

The interview will assess the candidates' knowledge, their research aptitude in the economic-business field (assessed on the basis of the project submitted), willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry.

Candidates will also have to demonstrate an adequate knowledge of the English language (at least equivalent to CEFR B2).

### **Web conference SI**

Candidates wishing to attend the interview via video conference are required to upload the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18th 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

### **Research project**

**to be illustrated during the interview**

The research project, aimed at highlighting the candidate's planning and design skills, must be uploaded during the online application process.

	Minimum grade	Maximum grade
<b><i>Curriculum</i></b>	0	20
<b><i>Interview</i></b>	60	80
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 60 out of 100 points.</b>		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published by **July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING LIST AND ENROLLMENT

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/scienze-giuridiche-economiche-e-politico-sociali/economia-aziendale-e-management/>

### Website:

<https://phd.ec.unipi.it/>

### PhD Programme regulations:

[http://alboufficiale.unipi.it/wp-content/uploads/2018/07/dr-dott\\_ec\\_az.pdf](http://alboufficiale.unipi.it/wp-content/uploads/2018/07/dr-dott_ec_az.pdf)

## “PEGASO” GRANTS – EUROPEAN UNION AND REGIONAL PROVISIONS

Article 15 of the Regional Notice states regional notice states that public calls issued by the implementing body for admission to PhD programmes funded under the regional “Pegaso” scheme must include: the logos of the funding bodies (UE, Country, Region – Giovani) and PR FSE 2021/27 programme, as well as references to the relevant EU, national and regional legislation, as outlined below.

### Disposizioni dell'Unione europea e regionali:

- Regolamento (UE, Euratom) n. 2093/2020 del Consiglio del 17 dicembre 2020 che stabilisce il quadro finanziario pluriennale per il periodo 2021-2027;
- Visto il Regolamento (UE) 2021/1057 del Parlamento europeo e del Consiglio, del 24 giugno 2021, che istituisce il Fondo sociale europeo Plus (FSE+) e che abroga il regolamento (UE) n. 1296/2013;
- Visto il Regolamento (UE) n. 2021/1060 del Parlamento europeo e del Consiglio del 24 giugno 2021, recante le disposizioni comuni applicabili al Fondo europeo di sviluppo regionale, al Fondo sociale europeo Plus, al Fondo di coesione, al Fondo per una transizione giusta, al Fondo europeo per gli affari marittimi, la pesca e l'acquacoltura, e le regole finanziarie applicabili a tali fondi e al Fondo Asilo, migrazione e integrazione, al Fondo Sicurezza interna e allo Strumento di sostegno finanziario per la gestione delle frontiere e la politica dei visti, in particolare l'articolo 23, paragrafo 4;
- Visto il Regolamento (UE) n. 679/2016 del Parlamento europeo e del Consiglio, del 27 aprile 2016, relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali, nonché alla libera circolazione di tali dati e che abroga la direttiva 95/46/CE (regolamento generale sulla protezione dei dati);
- Vista la Decisione di esecuzione della Commissione C(2022)4787 finale del 15 luglio 2022 che approva l'Accordo di Partenariato con la Repubblica Italiana CCI 2021IT16FFPA001, relativo al ciclo di programmazione 2021-2027;
- Richiamata la Decisione della Commissione C(2022) n. 6089 del 19/08/2022 che approva il programma regionale "PR Toscana FSE+ 2021-2027", per il sostegno a titolo del Fondo sociale europeo Plus nell'ambito dell'obiettivo "Investimenti a favore dell'occupazione e della crescita" per la regione Toscana in Italia;
- Richiamata la DGR 1016 del 12/09/22 “Preso d'atto della Decisione della Commissione C(2022) n. 6089 del 19/08/2022 che approva il programma regionale "PR Toscana FSE+ 2021-2027", per il sostegno a titolo del Fondo sociale europeo Plus nell'ambito dell'obiettivo "Investimenti a favore dell'occupazione e della crescita" per la regione Toscana in Italia”;
- Richiamata la DGR 122/2023 e ssmmii con la quale è stato approvato il Provvedimento attuativo del PR FSE + 2021/27;
- Visti i criteri di selezione delle operazioni da ammettere al cofinanziamento del Fondo Sociale Europeo Plus nella programmazione 2021-2027 della Regione Toscana approvati dal Comitato di sorveglianza del Programma il 18/11/2022;
- Vista la Decisione n. 2 del 19 giugno 2023 e ssmmii che approva il Sistema di Gestione e Controllo del PR FSE+ 2021/27;
- Vista la Deliberazione della Giunta Regionale n. 610 del 05/06/2023 che ai sensi dell'Articolo 17 comma 1, della LR 32/2002 ss.mm.ii., approva il “Regolamento (UE) 2021/1060 – PR FSE+ 2021-2027. Manuale per i beneficiari – Disposizioni per la gestione degli interventi oggetto di sovvenzioni a valere sul PR FSE+ 2021-2027”;
- Visto il Programma Regionale di Sviluppo 2021-2025, adottato con Delibera di Giunta Regionale n.1392 del 07/12/2022;
- Visto l'articolo 64 del Regolamento (UE) 2021/1060 e dell'articolo 16 del regolamento (UE) 2021/1057 in materia di ammissibilità delle spese;
- Visto il DP.R. n. 22 del 5/02/2018 recante il “Regolamento sui criteri sull'ammissibilità delle spese per i programmi cofinanziati dai Fondi strutturali di investimento europei (SIE) per il periodo di programmazione 2014/2020” e s.m.i, a cui si fa riferimento nelle more dell'adozione della nuova norma nazionale in materia di ammissibilità delle spese per il periodo 2021-2027;

- Visti la Legge regionale 26 luglio 2002, n. 32 “Testo unico della normativa della Regione Toscana in materia di educazione, istruzione, orientamento, formazione professionale e lavoro.” e ss.mm.ii. e il Decreto del Presidente della Giunta Regionale 8 agosto 2003, n. 47/R e ss.mm.ii., recante "Regolamento di esecuzione della L.R. 26.7.2002, n. 32";
- Visto il D.L. 30 aprile 2019, n. 34 (Misure urgenti di crescita economica e per la risoluzione di specifiche situazioni di crisi), convertito in L. n.58/2019, che prevede, per i soggetti di cui all’art. 35, specifici obblighi di pubblicazione delle informazioni relative a sovvenzioni, sussidi, vantaggi, contributi o aiuti, nei propri siti internet o analoghi portali digitali e nella nota integrativa al bilancio di esercizio e nell'eventuale consolidato;
- Vista la DGR 1321/2022 “Strategia regionale di specializzazione intelligente (S3) per il periodo di programmazione UE 2021/27;
- Vista la DGR 1510/2023 "Strategia di specializzazione intelligente 2021-2027. Piano di Lavoro 2024-25”;
- Dato atto che nell’ambito del PR Toscana FSE+ 2021/27 e nel relativo PAD approvato con DGR 122/23 è ricompresa nell’Asse 2, l’attività 2.f.2. “Corsi di laurea e post laurea realizzati in rete”;
- Richiamata la Delibera di Giunta Regionale n. 74 del 27 gennaio 2025 che approva gli elementi essenziali dell’avviso “PR FSE 2021/27 – Corsi di dottorato realizzati in rete ciclo XLI – Borse Pegaso 2025” destinando euro 6.000.000,00 alla sua attuazione.
- Dato atto che il contributo è soggetto a monitoraggio di spesa e rendicontazione da effettuare secondo le modalità e le scadenze del PR FSE 2021/27;
- Dato atto della somma assegnata alla Regione Toscana come da PR FSE 2021/27, approvato con Decisione della Commissione C(2022) n. 6089 del 19/08/2022, e da Piano attuativo di dettaglio (PAD) del PR FSE 2021/27 adottato con delibera della Giunta n. 122/2023, il relativo accertamento di entrata sarà assunto sulla base di estrazioni periodiche e comunicazione ai singoli settori competenti sul bilancio finanziario gestionale 2025/27;
- Vista la Deliberazione della Giunta Regionale n.1 del 08/01/2025 con cui viene approvato il Documento Tecnico di Accompagnamento al Bilancio di Previsione 2025-2027 e del Bilancio Finanziario Gestionale 2025-2027.
- Dato atto che l’intervento è stato inserito nel cronoprogramma degli interventi da realizzare con il PR FSE 2021/27 nel 2025.



UNIVERSITÀ  
DI PISA



**PHD PROGRAMME IN PHYSICS**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**  
**partnered with Istituto Nazionale di Fisica Nucleare (INFN)**

**Coordinator** professor *Massimo D'Elia*

**Department:** Physics  
(<https://unimap.unipi.it/organizzazione/ente.php?d=469999@DIP>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 9

FISICA_01	<b>Outcome of the selection procedure:</b>		
	Single ranking list		
	<b>PhD positions: No. 7</b>		
	of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	2	University of Pisa	
	2	Department of Physics of the University of Pisa, Department of Excellence 2023/2027	New Concepts and Architectures for Signal Detection in Frontier Physics
	3	Istituto Nazionale di Fisica Nucleare INFN	
FISICA_02	<b>Outcome of the selection procedure:</b>		
	Single ranking list for research project		
	<b>PhD positions: No. 1</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Department of Physics of the University of Pisa	Search for Sterile Neutrino at the Icarus Experiment at Fermilab

FISICA_03	<b>Outcome of the selection procedure:</b> Single ranking list for research project	
	<b>PhD positions: No. 1</b>	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject (optional)</b>	
	<b>PhD Grants</b>	
1	Department of Information Engineering of the University of Pisa	Computational design and modeling of nanoscale electron devices based on advanced materials

**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
  2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;
- In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications.

Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

### **The information below is valid for all selection procedures listed above.**

#### **ADMISSION REQUIREMENTS (art 3 of the PhD competition call)**

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

or

an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025.**

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

#### **SELECTION CRITERIA (art. 4 of the PhD competition call)**

##### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

During the application process, it is requested to upload:

- a list of exams taken during the university career, with the relative marks obtained during the Master's Degree;
- participation in schools and/or research experiences and any publications;
- abstract of the Master's Degree thesis.

##### **Written examination**

The written test may only be taken in person in the Department of Physics of the University of Pisa.

The written test will be aimed at verifying the cultural prerequisites. The candidate may carry out the test in Italian or English. The test will include a cultural check on general physics topics and/or a contextualized dissertation with reference to a current line of research, and on how this line can be developed in a project.

The test may be taken in either Italian or English, at the candidate's choice.

### **Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry.

The interview must be broad and in-depth, and of a suitable duration to allow the commission to make a detailed assessment of the level of preparation and scientific potential of the candidates. This test will also include an English language proficiency test.

**Web conference** **YES**

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

	Minimum grade	Maximum grade
<b>Curriculum</b>	0	20
<b>Written examination</b>	24	40
<b>Candidates who have obtained a score of at least 24 out of 40 points are admitted to the interview.</b>		
<b>Interview</b>	24	40
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 48 out of 100 points.</b>		

### **EXAM SCHEDULE**

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

### **RANKING LIST AND ENROLLMENT**

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

### **INFO ON THE PHD PROGRAMME**

**Overview and objectives:**

<https://www.unipi.it/didattica/corsi/dottorati/scienze-fisiche-chimiche-matematiche-e-biologiche/fisica/>

**Website:**

<https://phd2.df.unipi.it/>

**PhD Programme regulations:**

<https://www.unipi.it/phocadownload/regolamentiallegati/redotfisica.pdf>

**PHD PROGRAMME IN CLINICAL PHISIOPATHOLOGY**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**

**Coordinator** professor *Luca Bruschini*

**Department:** Patologia Chirurgica, Medica, Molecolare e dell'Area Critica  
(<http://www.medpat.unipi.it>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 6

FISIO_01	<b>Outcome of the selection procedure:</b> Single ranking list		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	University of Pisa	
FISIO_02	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Dipartimento di Patologia Chirurgica, Medica, Molecolare e dell'Area Critica dell'Università di Pisa Dipartimento di Medicina Clinica e Sperimentale dell'Università di Pisa	Role of Incretin Hormones in Weight Loss-Induced Remission of Type 2 Diabetes

FISIO\_03

**Outcome of the selection procedure:**

Single ranking list for research project

**PhD positions: No. 1**

of which

No.	Financing institution	Research project / subject (optional)
<b>PhD Grants</b>		
1	Dipartimento di Patologia Chirurgica, Medica, Molecolare e dell'Area Critica dell'Università di Pisa	Preclinical evaluation of cabozantinib in co-cultures of anaplastic thyroid cancer cells and adipose cells

FISIO\_04

**Outcome of the selection procedure:**

Single ranking list for research project

**PhD positions: No. 1**

of which

No.	Financing institution	Research project / subject (optional)
<b>PhD Grants</b>		
1	Dipartimento di Patologia Chirurgica, Medica, Molecolare e dell'Area Critica dell'Università di Pisa	Autonomic dysfunction, glaucoma risk and severity prediction in diabetic patients

FISIO\_05

**Outcome of the selection procedure:**

Single ranking list for research project

**PhD positions: No. 1**

of which

No.	Financing institution	Research project / subject (optional)
<b>PhD Grants</b>		
1	Dipartimento di Patologia Chirurgica, Medica, Molecolare e dell'Area Critica dell'Università di Pisa	Immune Microenvironment Characterization and Tumor Progression in Non-Small Cell Lung Cancer (NSCLC) Treated with Immune Checkpoint Inhibitors

FISIO\_06

**Outcome of the selection procedure:**

Single ranking list for research project

**PhD positions: No. 1**

of which

No.	Financing institution	Research project / subject (optional)
<b>PhD Grants</b>		
1	Fondazione per la gestione dei lasciti e atti di liberalità per attività di supporto agli studenti e di ricerca dell'Università di Pisa	7 Tesla MRI imaging in musculoskeletal pathology

**N.B. With reference to all the above-mentioned selections,** candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:

1. apply as a public employee, thereby automatically renouncing the PhD grant;

2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;

In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution (Attachment of the PhD call for applications).

Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. This choice is done it is irrevocable and cannot be modified at a later time

## **The information below is valid for all selection procedures listed above.**

### **ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

or

an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025.**

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, as outlined in **Attachment** of the PhD call for applications.

### **SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

#### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

#### **Interview**

The interview which will be conducted entirely in English, will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry.

**The candidate must illustrate the research project, uploaded during the online registration procedure, in order to demonstrate its coherence with the curricula active in the course.**

#### **Web conference**

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

#### **Research project**

**to be illustrated during the interview**

The research project, aimed at highlighting the candidate's planning and design skills, **must be uploaded during the online application process using the attached form.**

**The maximum number of characters indicated in the form is to be understood as spaces included for research project. The bibliography is not included in the aforementioned characters.**

	Minimum grade	Maximum grade
<b>Curriculum</b>	0	10
<b>Interview</b>	21	30
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 21 out of 40 points.</b>		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup> 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING LIST AND ENROLLMENT

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrolment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/scienze-mediche-farmaceutiche-e-veterinarie/fisiopatologia-clinica/>

### PhD Programme *curricula*:

*Anatomo Pathological and Oncological;*

*Bio-Psychological and Statistical;*

*Cardiopulmonary;*

*Surgical, integrated surgical and anesthesiological*

### Website:

<https://physpath.med.unipi.it/>

### PhD Programme regulations:

<https://alboufficiale.unipi.it/wp-content/uploads/2019/09/dr-emanazione.pdf>

<b>Applicant Name</b>	
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## RESEARCH PROJECT PROPOSAL

*(Use plain typed text, in English)*

<b>Proposal title</b>	
-----------------------	--

<b><u>Area</u></b> <i>Research program of the Doctorate which the project refers to</i>	
--	--

<b><u>Summary of proposal</u></b> <i>Brief summary of the research project, highlighting objectives and milestones (maximum 500 characters)</i>	
--	--

<b><u>Current state of the art of the research field</u></b> <i>(maximum 2.000 characters)</i>	
---	--

<b><u>Research objectives and methods</u></b> <i>detailed description of the research project, emphasizing innovative aspects and scientific relevance (maximum 4.000 characters)</i>	
--	--

<b><u>Outline of work plan</u></b> <i>methodology, time scales, milestones; duration should be no more than three years (maximum 2.500 characters)</i>	
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**PHD PROGRAMME IN GEOSCIENCES AND ENVIRONMENT**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**

**Coordinator** professor *Marco Pistolesi*

**Department:** Scienze della Terra

(<https://www.unipi.it/didattica/corsi/dottorati/scienze-fisiche-chimiche-matematiche-e-biologiche/geoscienze-e-ambiente/>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 5

GEO_01	Outcome of the selection procedure: Single ranking list											
	PhD positions: No. 2 of which											
	<table><tr><td>No.</td><td>Financing institution</td><td>Research project / subject (optional)</td></tr><tr><td colspan="3">PhD Grants</td></tr><tr><td>2</td><td>University of Pisa Scientific referent prof. Marco Pistolesi (<a href="mailto:marco.pistolesi@unipi.it">marco.pistolesi@unipi.it</a>) Further information at the link: <a href="https://www.dst.unipi.it/bandi-concorso-geoscienze.html">https://www.dst.unipi.it/bandi-concorso-geoscienze.html</a></td><td></td></tr></table>			No.	Financing institution	Research project / subject (optional)	PhD Grants			2	University of Pisa Scientific referent prof. Marco Pistolesi ( <a href="mailto:marco.pistolesi@unipi.it">marco.pistolesi@unipi.it</a> ) Further information at the link: <a href="https://www.dst.unipi.it/bandi-concorso-geoscienze.html">https://www.dst.unipi.it/bandi-concorso-geoscienze.html</a>	
No.	Financing institution	Research project / subject (optional)										
PhD Grants												
2	University of Pisa Scientific referent prof. Marco Pistolesi ( <a href="mailto:marco.pistolesi@unipi.it">marco.pistolesi@unipi.it</a> ) Further information at the link: <a href="https://www.dst.unipi.it/bandi-concorso-geoscienze.html">https://www.dst.unipi.it/bandi-concorso-geoscienze.html</a>											
GEO_02	Outcome of the selection procedure: Single ranking list for research project											
	PhD positions: No. 1 of which											
	<table><tr><td>No.</td><td>Financing institution</td><td>Research project / subject (optional)</td></tr><tr><td colspan="3">PhD Grants</td></tr><tr><td>1</td><td>Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS) Scientific referent prof. Francesco Grigoli (<a href="mailto:francesco.grigoli@unipi.it">francesco.grigoli@unipi.it</a>) Further information at the link: <a href="https://www.dst.unipi.it/bandi-concorso-geoscienze.html">https://www.dst.unipi.it/bandi-concorso-geoscienze.html</a></td><td>Advancing seismic source analysis using Distributed Acoustic Sensing (DAS) and fiber optic technologies</td></tr></table>			No.	Financing institution	Research project / subject (optional)	PhD Grants			1	Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS) Scientific referent prof. Francesco Grigoli ( <a href="mailto:francesco.grigoli@unipi.it">francesco.grigoli@unipi.it</a> ) Further information at the link: <a href="https://www.dst.unipi.it/bandi-concorso-geoscienze.html">https://www.dst.unipi.it/bandi-concorso-geoscienze.html</a>	Advancing seismic source analysis using Distributed Acoustic Sensing (DAS) and fiber optic technologies
No.	Financing institution	Research project / subject (optional)										
PhD Grants												
1	Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS) Scientific referent prof. Francesco Grigoli ( <a href="mailto:francesco.grigoli@unipi.it">francesco.grigoli@unipi.it</a> ) Further information at the link: <a href="https://www.dst.unipi.it/bandi-concorso-geoscienze.html">https://www.dst.unipi.it/bandi-concorso-geoscienze.html</a>	Advancing seismic source analysis using Distributed Acoustic Sensing (DAS) and fiber optic technologies										
GEO_03	Outcome of the selection procedure: Single ranking list for research project											

	<b>PhD positions: No. 1 of which</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Dipartimento di Scienze della Terra dell'Università di Pisa su fondi: <i>The physical, cultural, and bio-genetic landscape of the last Neanderthals - LAST NEANDERTHALS - 579999_2024_LAST_NEANDERTHALS_UE_COLUMBU</i> - CUP I53C24001860006 UNIPi Scientific referent: dott. Andrea Columbu ( <a href="mailto:andrea.columbu@unipi.it">andrea.columbu@unipi.it</a> ) Further information at the link: <a href="https://www.dst.unipi.it/bandi-concorso-geoscienze.html">https://www.dst.unipi.it/bandi-concorso-geoscienze.html</a> .	Climatic variability of the last ca. 150 thousand years in the circummediterranean area: a geochemical approach integrated with continental deposits
<b>GEO_04</b>	<b>Outcome of the selection procedure: Single ranking list for research project</b>		
	<b>PhD positions: No. 1 of which</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Istituto di Geoscienze e Georisorse IGG-CNR Scientific referent: dott. Eugenio Trumpy ( <a href="mailto:eugenio.trumpy@igg.cnr.it">eugenio.trumpy@igg.cnr.it</a> ) Further information at the link: <a href="https://www.dst.unipi.it/bandi-concorso-geoscienze.html">https://www.dst.unipi.it/bandi-concorso-geoscienze.html</a> .	Geomatics – Enhancing digital infrastructure for Earth and Environmental Sciences
<p><b>N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:</b></p> <ol style="list-style-type: none"> <li>1. <u>apply as a public employee, thereby automatically renouncing the PhD grant;</u></li> <li>2. <u>apply for a position with PhD grant, without declaring their status as public employee during the online application process;</u></li> </ol> <p>In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <a href="https://www.studenti.unipi.it">https://www.studenti.unipi.it</a>. They also upload a self-declaration attesting their employment with the public institution (Attachment of the PhD call for applications)</p> <p>Candidates declaring their participation as public employees automatically <b>RENOUNCE</b> the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. <b><u>Once this choice is done it is irrevocable and cannot be modified at a later time.</u></b></p>			
<b><u>The information below is valid for all selection procedures listed above.</u></b>			
<b>ADMISSION REQUIREMENTS</b> ( <i>art 3 of the PhD competition call</i> )			
<p>Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded <b>by 31 October 2025: ALL</b></p> <p><u>or</u></p> <p>an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded <b>by 31 October 2025.</b></p> <p><b>If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.</b></p> <p><b>Please note:</b> For this purpose, <u>during the online application process</u>, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, as outlined in <b>Attachment</b> of the PhD call for applications.</p>			

## SELECTION CRITERIA (art. 4 of the PhD competition call)

### Curriculum

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.** The curriculum must be accompanied by the bachelor's degree thesis or, if the degree has been obtained, the master's/specialist degree thesis or the thesis from the previous university system

### Interview

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry.

Candidates will have to demonstrate an adequate knowledge of the English language.

### Web conference

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

### Research project

**to be evaluated along with the curriculum and illustrated during the interview**

The research project, aimed at highlighting the candidate's planning and design skills, must be uploaded during the online application process.

	Minimum grade	Maximum grade
<b>Curriculum</b>	24	40
<b>Candidates who have obtained a score of at least 24 out of 40 points are admitted to the interview.</b>		
<b>Interview</b>	36	60
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 60 out of 100 points.</b>		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING LIST AND ENROLLMENT

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### **Overview and objectives:**

<https://www.dst.unipi.it/obiettivi-del-corso.html>

### **Website:**

<https://www.dst.unipi.it/geoscienze-e-ambiente.html>

### **PhD Programme regulations:**

*Currently being enacted*



UNIVERSITÀ  
DI PISA



## INDUSTRIAL PHD PROGRAMME IN HIGH PERFORMANCE SCIENTIFIC COMPUTING

ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)

partnered with S.I.T. - Sordina IORT Technologies S.p.A.

Coordinator professor *Luca Heltai*

Department: Mathematics

(<https://unimap.unipi.it/organizzazione/ente.php?d=529999@DIP>)

### COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

HPSC_01	<b>Outcome of the selection procedure:</b> Specific research topics with separate ranking lists: no. 3		
	<b>PhD positions: No. 4</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Istituto per le Applicazioni del Calcolo “Mauro Picone” IAC CNR	Iterative Methods and Preconditioners for Efficient Solution of Sparse Linear Systems on Pre-Exascale and Exascale Computing Architectures
	1	Department of Information Engineering of the University of Pisa	Development and use of HPC software for the design and the analysis of electron devices based on advanced and innovative materials, using also AI/ML techniques
	2	S.I.T. – Sordina IORT Technologies S.p.A.	Computational Methods and Models for Flash Radiotherapy or for Radiobiological Investigations of the Flash Effect

**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;

In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications.

Candidates declaring their participation as public employees automatically **RENOUCE** the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

## **The information below is valid for all selection procedures listed above.**

### **ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded by **31 October 2025: ALL**

or

an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded by **31 October 2025**.

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

### **SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

#### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

#### **Interview**

The interview will assess the candidate's knowledge and aptitude for research in the field of high-performance scientific computing, with reference to numerical methods, computational modeling, advanced programming techniques, and the use of HPC architectures. The candidate's motivation for developing and applying innovative solutions in interdisciplinary areas such as radiotherapy, electronic device design, and large-scale linear system analysis will also be evaluated, along with their willingness to engage in training and research activities in both national and international contexts. The interview will also include an assessment of the candidate's fundamental preparation and a discussion of the research experience and interests developed during their academic career.

**Web conference** YES **Interviews may only be taken in online mode**

	Minimum grade	Maximum grade
<b><i>Curriculum</i></b>	24	40
<b>Candidates who have obtained a score of at least 24 out of 40 points are admitted to the interview.</b>		
<b><i>Interview</i></b>	30	60
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 54 out of 100 points</b>		

### **EXAM SCHEDULE**

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published by **July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

### **RANKING LIST AND ENROLLMENT**

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.dm.unipi.it/phd-hpsc/about/>

### Website:

<https://www.dm.unipi.it/phd-hpsc/>

### PhD Programme regulations:

*Pending issuance*

**PHD PROGRAMME IN COMPUTER SCIENCE**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**  
**partnered with university of Florence and university of Siena**

**Coordinator** professor *Antonio Brogi*

**Department:** Informatica  
(<https://di.unipi.it/>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 15

INFO_01	<b>Outcome of the selection procedure:</b> Single ranking list																	
	<b>PhD positions: No. 3 of which</b> <table><tr><th>No.</th><th>Financing institution</th><th>Research project / subject (optional)</th></tr><tr><td colspan="3"><b>PhD Grants</b></td></tr><tr><td>1</td><td>University of Pisa</td><td></td></tr><tr><td>1</td><td>University of Florence</td><td></td></tr><tr><td>1</td><td>University of Siena</td><td></td></tr></table>			No.	Financing institution	Research project / subject (optional)	<b>PhD Grants</b>			1	University of Pisa		1	University of Florence		1	University of Siena	
No.	Financing institution	Research project / subject (optional)																
<b>PhD Grants</b>																		
1	University of Pisa																	
1	University of Florence																	
1	University of Siena																	
INFO_02	<b>Outcome of the selection procedure:</b> Ranking list for grants with specific eligibility requirements, related to doctoral projects funded by external institutions (Art. 8, para. 2, letter d) of the University Regulations on doctoral programmes)																	
	<b>PhD positions: No. 3 of which</b> <table><tr><th>No.</th><th>Financing institution</th><th>Research project / subject (optional)</th></tr><tr><td colspan="3"><b>PhD Grants</b></td></tr><tr><td>2</td><td>Regione Toscana – funded thorough PR FSE 2021/27 within the framework of <b>Giovanisi</b></td><td></td></tr></table>			No.	Financing institution	Research project / subject (optional)	<b>PhD Grants</b>			2	Regione Toscana – funded thorough PR FSE 2021/27 within the framework of <b>Giovanisi</b>							
No.	Financing institution	Research project / subject (optional)																
<b>PhD Grants</b>																		
2	Regione Toscana – funded thorough PR FSE 2021/27 within the framework of <b>Giovanisi</b>																	

		( <a href="http://www.giovanisi.it">www.giovanisi.it</a> ), the project of the Tuscany Region for youth empowerment, “Pegaso” PhD grants (CUP I51J25000070006) - require a <b>study and research stay-abroad period of at least 6 (six) months</b> ;	
	1	Regione Toscana – funded thorough PR FSE 2021/27 within the framework of <b>Giovanisi</b> ( <a href="http://www.giovanisi.it">www.giovanisi.it</a> ), the project of the Tuscany Region for youth empowerment, “Pegaso” PhD grants (CUP I51J25000070006) - require a <b>study and research stay-abroad period of at least 12 (twelve) months</b> (for recipients of an “International grant”);	
<b>INFO_03</b>	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1 of which</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Regione Toscana – funded thorough PR FSE 2021/27 within the framework of <b>Giovanisi</b> ( <a href="http://www.giovanisi.it">www.giovanisi.it</a> ), the project of the Tuscany Region for youth empowerment, “Pegaso” PhD grants (CUP I51J25000070006) - require a training / <b>research experience of at least 3 (three) months in an applied context</b> (e.g. company, public research institutions, or other non-university institution)	Artificial intelligence and machine learning for health
<b>INFO_04</b>	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1 of which</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Regione Toscana – funded thorough PR FSE 2021/27 within the framework of <b>Giovanisi</b> ( <a href="http://www.giovanisi.it">www.giovanisi.it</a> ), the project of the Tuscany Region for youth empowerment, “Pegaso” PhD grants (CUP I51J25000070006) - require a training / <b>research experience of at least 3 (three) months in an applied context</b> (e.g. company, public research institutions, or other non-university institution)	Development and management of IT systems and environmental sustainability
<b>INFO_05</b>	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Istituto di Scienza e Tecnologie dell’Informazione “A. Faedo” ISTI CNR	Decentralized Learning at the Edge

INFO_06	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1 of which</b>		
	No.	Financing institution	Research project / subject (optional)
	<b>PhD Grants</b>		
	1	Istituto di Scienza e Tecnologie dell'Informazione "A. Faedo" ISTI CNR	<i>Intelligent User Interfaces</i>
INFO_07	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1 of which</b>		
	No.	Financing institution	Research project / subject (optional)
	<b>PhD Grants</b>		
	1	Department of Informatica of the University of Pisa and Department of di Ingegneria dell'Energia, dei Sistemi, del Territorio e delle Costruzioni of University of Pisa	Algorithms for the optimization of large-scale energy systems
INFO_08	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1 of which</b>		
	No.	Financing institution	Research project / subject (optional)
	<b>PhD Grants</b>		
	1	Consorzio METIS	Edge computing infrastructure design and smart building management tools
INFO_09	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1 of which</b>		
	No.	Financing institution	Research project / subject (optional)
	<b>PhD Grants</b>		
	1	Consorzio FABRE	AI techniques for defect recognition and predictive maintenance in transportation infrastructure
INFO_10	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1 of which</b>		
	No.	Financing institution	Research project / subject (optional)
	<b>PhD Grants</b>		

	1	M.A.I.O.R. S.r.l.	Artificial intelligence for the optimization of public transportation systems
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INFO\_11

**Outcome of the selection procedure:**  
Single ranking list for research project

**PhD positions: No. 1**  
of which

No.	Financing institution	Research project / subject (optional)
<b>PhD Grants</b>		
1	Istituto di Scienza e Tecnologie dell'Informazione "A. Faedo" ISTI CNR	<i>Smart Dynamic Support for Parallel and Distributed Computing in the Continuum</i>

**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;

In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications.

Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

**Further requirements**

Beneficiaries of **"Pegaso" PhD grants** – academic year. 2025/26, funded thorough PR FSE 2021/27 within the framework of **Giovanisi** ([www.giovanisi.it](http://www.giovanisi.it)), the project of the Tuscany Region for youth empowerment, must also:

- be no older than 35 years of age at the time of application for the PhD call (up to and including the day of their 35th birthday);
- demonstrate an adequate knowledge of the English language (at least B2 level), which will be assessed by the examining board during the selection process. Candidates must present a valid B2 English level certificate (at least) prior to enrollment and acceptance of the Pegaso grant.
- declare their willingness to carry out a study and research stay abroad of at least 6 (six) months (12 (twelve) months for recipients of an international grant), and to acknowledge that failure to complete the mandatory mobility period may result in the revocation of the entire scholarship by the Tuscany Region. This declaration is not required for beneficiaries of topic-specific PhD grants for whom no international mobility was foreseen at the time of project submission;
- (only for recipients of PhD research project grants) formally declare their willingness to carry out a training/research experience of at least 3 (three) months in an applied context – such as companies, public research institutions, other public institutions (not universities) – and acknowledge that failure to carry out such experience may result in the revocation of the full scholarship by the Regione Toscana;
- declare their willingness to attend courses on soft skills development, knowledge of the labour market and research environment, and methodologies for data collection, analysis, and management (Data Science), as proposed by the implementing body over the three-year duration of the PhD programme.

**The information below is valid for all selection procedures listed above.**

**ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

or

an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025.**

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

## **SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

Candidates must also upload:

- their exam transcripts,
- • their MSc thesis (or some of its parts),
- • the list of publications,
- • other training and/or research experiences in Italy or abroad,
- • prizes or awards,
- • English language certificates
- • Postgraduate diplomas obtained

**During the online application process**, candidates are required to specify 2 names and contacts (e-mail address and phone number) of professors and scholars of Computer Science, who are available to provide and upload references **by July, 18th 2025 23:59 (Italian time)**, following the instructions that will be sent to them directly by email.

### **Interview**

Through the interview, the admission committee evaluates the candidates' analytical and synthesis skills, their ability to formalize problems, as well as their commitment and study capabilities. The committee verifies that candidates possess both a broad knowledge of computer science theories and applications, and an in-depth understanding of specific topics and methodologies within the field. It also assesses their proficiency in the English language (at a level equivalent to at least B2) and their willingness to spend periods of study or research abroad. Finally, the committee evaluates the scientific relevance of the candidates' research interests, the proposed research project to be carried out during the PhD program, and its consistency with the themes of the doctoral course.

### **Web conference** SI

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

### **Research project**

#### **to be illustrated during the interview**

The research project, aimed at highlighting the candidate's planning and design skills, must be uploaded during the online application process.

	Minimum grade	Maximum grade
<b><i>Curriculum</i></b>	30	40
<b>Candidates who have obtained a score of at least 30 out of 40 points are admitted to the interview.</b>		
<b><i>Interview</i></b>	40	60
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 70 out of 100 points.</b>		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING LIST AND ENROLLMENT

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/scienze-ingegneristiche-ed-informatiche/informatica/>

### Website:

<https://dottorato.di.unipi.it/>

### PhD Programme regulations:

<https://www.unipi.it/phocadownload/regolamentiallegati/7dottinformatica.pdf>

## “PEGASO” GRANTS – EUROPEAN UNION AND REGIONAL PROVISIONS

Article 15 of the Regional Notice states regional notice states that public calls issued by the implementing body for admission to PhD programmes funded under the regional “Pegaso” scheme must include: the logos of the funding bodies (UE, Country, Region – Giovanisi) and PR FSE 2021/27 programme, as well as references to the relevant EU, national and regional legislation, as outlined below.

### Disposizioni dell’Unione europea e regionali:

- Regolamento (UE, Euratom) n. 2093/2020 del Consiglio del 17 dicembre 2020 che stabilisce il quadro finanziario pluriennale per il periodo 2021-2027;
- Visto il Regolamento (UE) 2021/1057 del Parlamento europeo e del Consiglio, del 24 giugno 2021, che istituisce il Fondo sociale europeo Plus (FSE+) e che abroga il regolamento (UE) n. 1296/2013;
- Visto il Regolamento (UE) n. 2021/1060 del Parlamento europeo e del Consiglio del 24 giugno 2021, recante le disposizioni comuni applicabili al Fondo europeo di sviluppo regionale, al Fondo sociale europeo Plus, al Fondo di coesione, al Fondo per una transizione giusta, al Fondo europeo per gli affari marittimi, la pesca e l'acquacoltura, e le regole finanziarie applicabili a tali fondi e al Fondo Asilo, migrazione e integrazione, al Fondo Sicurezza interna e allo Strumento di sostegno finanziario per la gestione delle frontiere e la politica dei visti, in particolare l'articolo 23, paragrafo 4;
- Visto il Regolamento (UE) n. 679/2016 del Parlamento europeo e del Consiglio, del 27 aprile 2016, relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali, nonché alla libera circolazione di tali dati e che abroga la direttiva 95/46/CE (regolamento generale sulla protezione dei dati);
- Vista la Decisione di esecuzione della Commissione C(2022)4787 finale del 15 luglio 2022 che approva l'Accordo di Partenariato con la Repubblica Italiana CCI 2021IT16FFPA001, relativo al ciclo di programmazione 2021-2027;
- Richiamata la Decisione della Commissione C(2022) n. 6089 del 19/08/2022 che approva il programma regionale "PR Toscana FSE+ 2021-2027", per il sostegno a titolo del Fondo sociale europeo Plus nell'ambito dell'obiettivo "Investimenti a favore dell'occupazione e della crescita" per la regione Toscana in Italia;
- Richiamata la DGR 1016 del 12/09/22 “Preso d'atto della Decisione della Commissione C(2022) n. 6089 del 19/08/2022 che approva il programma regionale "PR Toscana FSE+ 2021-2027", per il sostegno a titolo del Fondo sociale europeo Plus nell'ambito dell'obiettivo "Investimenti a favore dell'occupazione e della crescita" per la regione Toscana in Italia”;
- Richiamata la DGR 122/2023 e ssmmii con la quale è stato approvato il Provvedimento attuativo del PR FSE + 2021/27;
- Visti i criteri di selezione delle operazioni da ammettere al cofinanziamento del Fondo Sociale Europeo Plus nella programmazione 2021-2027 della Regione Toscana approvati dal Comitato di sorveglianza del Programma il 18/11/2022;
- Vista la Decisione n. 2 del 19 giugno 2023 e ssmmii che approva il Sistema di Gestione e Controllo del PR FSE+ 2021/27;
- Vista la Deliberazione della Giunta Regionale n. 610 del 05/06/2023 che ai sensi dell’Articolo 17 comma 1, della LR 32/2002 ss.mm.ii., approva il “Regolamento (UE) 2021/1060 – PR FSE+ 2021-2027. Manuale per i beneficiari – Disposizioni per la gestione degli interventi oggetto di sovvenzioni a valere sul PR FSE+ 2021-2027”;
- Visto il Programma Regionale di Sviluppo 2021-2025, adottato con Delibera di Giunta Regionale n.1392 del 07/12/2022;
- Visto l’articolo 64 del Regolamento (UE) 2021/1060 e dell’articolo 16 del regolamento (UE) 2021/1057 in materia di ammissibilità delle spese;
- Visto il DP.R. n. 22 del 5/02/2018 recante il “Regolamento sui criteri sull'ammissibilità delle spese per i programmi cofinanziati dai Fondi strutturali di investimento europei (SIE) per il periodo di programmazione 2014/2020” e s.m.i, a cui si fa riferimento nelle more dell’adozione della nuova norma nazionale in materia di ammissibilità delle spese per il periodo 2021-2027;

- Visti la Legge regionale 26 luglio 2002, n. 32 “Testo unico della normativa della Regione Toscana in materia di educazione, istruzione, orientamento, formazione professionale e lavoro.” e ss.mm.ii. e il Decreto del Presidente della Giunta Regionale 8 agosto 2003, n. 47/R e ss.mm.ii., recante "Regolamento di esecuzione della L.R. 26.7.2002, n. 32";
- Visto il D.L. 30 aprile 2019, n. 34 (Misure urgenti di crescita economica e per la risoluzione di specifiche situazioni di crisi), convertito in L. n.58/2019, che prevede, per i soggetti di cui all’art. 35, specifici obblighi di pubblicazione delle informazioni relative a sovvenzioni, sussidi, vantaggi, contributi o aiuti, nei propri siti internet o analoghi portali digitali e nella nota integrativa al bilancio di esercizio e nell'eventuale consolidato;
- Vista la DGR 1321/2022 “Strategia regionale di specializzazione intelligente (S3) per il periodo di programmazione UE 2021/27;
- Vista la DGR 1510/2023 "Strategia di specializzazione intelligente 2021-2027. Piano di Lavoro 2024-25”;
- Dato atto che nell’ambito del PR Toscana FSE+ 2021/27 e nel relativo PAD approvato con DGR 122/23 è ricompresa nell’Asse 2, l’attività 2.f.2. “Corsi di laurea e post laurea realizzati in rete”;
- Richiamata la Delibera di Giunta Regionale n. 74 del 27 gennaio 2025 che approva gli elementi essenziali dell’avviso “PR FSE 2021/27 – Corsi di dottorato realizzati in rete ciclo XLI – Borse Pegaso 2025” destinando euro 6.000.000,00 alla sua attuazione.
- Dato atto che il contributo è soggetto a monitoraggio di spesa e rendicontazione da effettuare secondo le modalità e le scadenze del PR FSE 2021/27;
- Dato atto della somma assegnata alla Regione Toscana come da PR FSE 2021/27, approvato con Decisione della Commissione C(2022) n. 6089 del 19/08/2022, e da Piano attuativo di dettaglio (PAD) del PR FSE 2021/27 adottato con delibera della Giunta n. 122/2023, il relativo accertamento di entrata sarà assunto sulla base di estrazioni periodiche e comunicazione ai singoli settori competenti sul bilancio finanziario gestionale 2025/27;
- Vista la Deliberazione della Giunta Regionale n.1 del 08/01/2025 con cui viene approvato il Documento Tecnico di Accompagnamento al Bilancio di Previsione 2025-2027 e del Bilancio Finanziario Gestionale 2025-2027.
- Dato atto che l’intervento è stato inserito nel cronoprogramma degli interventi da realizzare con il PR FSE 2021/27 nel 2025.

**PHD PROGRAMME IN ENERGY, SYSTEMS, TERRITORY AND CONSTRUCTION ENGINEERING**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**

**Coordinator** professor *Lorenzo Ferrari*

**Department:** Ingegneria dell'Energia, dei Sistemi, del Territorio e delle Costruzioni  
(<https://unimap.unipi.it/organizzazione/ente.php?d=509999@DIP>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 3

ING_ENE_01	<b>Outcome of the selection procedure:</b> Single ranking list		
	<b>PhD positions: No. 2</b> of which		
	No.	Financing institution	Research project / subject (optional)
	<b>PhD Grants</b>		
	2	University of Pisa	
ING_ENE_02	<b>Outcome of the selection procedure: 1</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	No.	Financing institution	Research project / subject (optional)
	<b>PhD Grants</b>		
		Department of Ingegneria Civile e Industriale of the University of Pisa	<i>Design of an innovative power generation cycle for a bimodal nuclear propulsion system using NH3 as working fluid</i>
	<b>N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:</b> 1. <u>apply as a public employee, thereby automatically renouncing the PhD grant;</u> 2. <u>apply for a position with PhD grant, without declaring their status as public employee during the online application process;</u> In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform		

<https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution attached to the call for applications. Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

**The information below is valid for all selection procedures listed above.**

**ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded by **31 October 2025: ALL**

or  
an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded by **31 October 2025**.  
**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

**SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

**Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

Specifically, the candidate will have to upload the following:

- a) curriculum vitae;
- b) any publications;
- c) the master's degree thesis or, for candidates who have not yet obtained the degree, a draft of it;
- d) a list of the exams taken during the university career with the relative marks and the degree marks obtained for the Bachelor's degree and for the Master's degree;
- e) any certificates of participation in conferences;
- f) any scholarships or research scholarships obtained.

**Written examination**

The written test will be aimed at assessing the academic prerequisites and consists in a written composition regarding specific course-related topics. For the drafts, the Examination Board will verify that themes from all the cultural areas in which the course is divided are taken into account. The test may be taken in either Italian or English, at the candidate's choice.

**Interview**

The interview will assess candidates' knowledge, as stated in their curriculum and emerged during the written examination, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry. During the interview, the Examining Board can require candidates to illustrate research themes they wish to develop during the course.

**Web conference** **YES**

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

	Minimum grade	Maximum grade
<b>Curriculum</b>	18	30
Candidates who have obtained a score of at least 18 out of 30 points are admitted to the written test.		
<b>Written examination</b>	18	30
Candidates who have obtained a score of at least 18 out of 30 points are admitted to the interview.		
<b>Interview</b>	18	30
Eligibility for inclusion in the final ranking list is achieved with a minimum score of 54 out of 90 points.		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published by **July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING LIST AND ENROLLMENT

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/scienze-ingegneristiche-ed-informatiche/ingegneria-dellenergiadei-sistemidel-territorio-e-delle-costruzioni/>

### Website:

<https://destec.unipi.it/en/taxonomy/term/61>

### PhD Programme regulations:

<https://www.unipi.it/phocadownload/regolamentiallegati/dottingenergia.pdf>



**PHD PROGRAMME IN INDUSTRIAL ENGINEERING**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**  
**Coordinator** professor *Francesca Di Puccio*

**Department:** Ingegneria Civile e Industriale  
(<https://unimap.unipi.it/organizzazione/ente.php?d=499999@DIP>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 10

ING_IND_01	<b>Outcome of the selection procedure:</b> Single ranking list		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		
	1	University of Pisa	
ING_IND_02	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		
	1	Department of Ingegneria Civile e Industriale of the University of Pisa	<i>Characterization and modeling under low-cycle fatigue and creep conditions of materials for turbine components enabling the use of renewable energy sources.</i>
ING_IND_03	<b>Outcome of the selection procedure:</b> Specific research topics with separate ranking lists: no. 4		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		

	1	Department of Ingegneria Civile e Industriale of the University of Pisa	<i>Development of Catalytic Beds for Ammonia Decomposition inside a Bimodal Nuclear Propulsion System</i>												
	1	Department of Ingegneria Civile e Industriale of the University of Pisa	<i>Development of an Ammonia-based Bimodal Nuclear Propulsion System</i>												
	1	Department of Ingegneria Civile e Industriale of the University of Pisa	<i>Conceptual Design of a Nuclear Reactor for an Ammonia-based Bimodal Nuclear Propulsion System</i>												
	1	Scuola Superiore Sant’ Anna	<i>Air-breathing Rocket for Innovative Applications</i>												
ING_IND_04	<b>Outcome of the selection procedure:</b> Specific research topics with separate ranking lists: no. 2														
	<b>PhD positions: No. 1 of which</b> <table><tr><th>No.</th><th>Financing institution</th><th>Research project / subject (optional)</th></tr><tr><td colspan="3">PhD Grants</td></tr><tr><td>1</td><td>Department of Ingegneria Civile e Industriale of the University of Pisa</td><td><i>Research activity on multi-physics phenomena in support of the design and the safety analysis of thermohydraulic systems for nuclear fusion reactors</i></td></tr><tr><td>1</td><td><i>NewCleo SpA</i></td><td><i>Thermal Hydraulic Analyses in Support of the Development of Small Modular Reactors Cooled by Liquid Lead</i></td></tr></table>			No.	Financing institution	Research project / subject (optional)	PhD Grants			1	Department of Ingegneria Civile e Industriale of the University of Pisa	<i>Research activity on multi-physics phenomena in support of the design and the safety analysis of thermohydraulic systems for nuclear fusion reactors</i>	1	<i>NewCleo SpA</i>	<i>Thermal Hydraulic Analyses in Support of the Development of Small Modular Reactors Cooled by Liquid Lead</i>
No.	Financing institution	Research project / subject (optional)													
PhD Grants															
1	Department of Ingegneria Civile e Industriale of the University of Pisa	<i>Research activity on multi-physics phenomena in support of the design and the safety analysis of thermohydraulic systems for nuclear fusion reactors</i>													
1	<i>NewCleo SpA</i>	<i>Thermal Hydraulic Analyses in Support of the Development of Small Modular Reactors Cooled by Liquid Lead</i>													
ING_IND_05	<b>Outcome of the selection procedure:</b> Single ranking list for research project														
	<b>PhD positions: No. 1 of which</b> <table><tr><th>No.</th><th>Financing institution</th><th>Research project / subject (optional)</th></tr><tr><td colspan="3">PhD Grants</td></tr><tr><td>1</td><td>Department of Ingegneria Civile e Industriale of the University of Pisa</td><td><i>Research activity on the design and application of Hige technologies and processes for intensified separations</i></td></tr></table>			No.	Financing institution	Research project / subject (optional)	PhD Grants			1	Department of Ingegneria Civile e Industriale of the University of Pisa	<i>Research activity on the design and application of Hige technologies and processes for intensified separations</i>			
No.	Financing institution	Research project / subject (optional)													
PhD Grants															
1	Department of Ingegneria Civile e Industriale of the University of Pisa	<i>Research activity on the design and application of Hige technologies and processes for intensified separations</i>													
ING_IND_06	<b>Outcome of the selection procedure:</b> Single ranking list for research project														
	<b>PhD positions: No. 1 of which</b> <table><tr><th>No.</th><th>Financing institution</th><th>Research project / subject (optional)</th></tr><tr><td colspan="3">PhD Grants</td></tr><tr><td>1</td><td>Department of Ingegneria Civile e Industriale of the University of Pisa</td><td><i>Platform architecture and systems engineering for a microsatellite mission.</i></td></tr></table> <p><b>N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:</b></p> <p>1. <u>apply as a public employee, thereby automatically renouncing the PhD grant;</u></p> <p>2. <u>apply for a position with PhD grant, without declaring their status as public employee during the online application process;</u></p> <p>In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform</p>			No.	Financing institution	Research project / subject (optional)	PhD Grants			1	Department of Ingegneria Civile e Industriale of the University of Pisa	<i>Platform architecture and systems engineering for a microsatellite mission.</i>			
No.	Financing institution	Research project / subject (optional)													
PhD Grants															
1	Department of Ingegneria Civile e Industriale of the University of Pisa	<i>Platform architecture and systems engineering for a microsatellite mission.</i>													

<https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution attached to the call for applications. Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

**The information below is valid for all selection procedures listed above.**

**ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

or  
an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025**.  
**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications..

**SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

**Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

It is recommended to include in the curriculum any qualifications that may be useful for the evaluation of the curriculum itself, e.g.

- a) Any publication;
- b) A list of the exams taken during the university career with the respective grades and the final grades obtained for the bachelor's and master's degrees;
- c) Any certificates of participation in conferences;
- d) Any scholarships or research grants obtained.

**Written examination**

The written test it aims to verify the cultural prerequisites of the candidate and can be conducted in Italian or English. The written test will be aimed at assessing the academic prerequisites. The test may be taken in either Italian or English, at the candidate's choice within four hours.

The candidate can choose from various prompts provided by the Commission, which require the illustration of specific curriculum topics or the completion of a paper on a potential research project.

**Interview**

The interview will assess candidates' knowledge, as stated in their curriculum and emerged during the written examination, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry.

**Web conference SI**

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

	Minimum grade	Maximum grade
<b><i>Curriculum</i></b>	18	30
<b>Candidates who have obtained a score of at least 18 out of 30 points are admitted to the written test.</b>		
<b><i>Written examination</i></b>	18	30

Candidates who have obtained a score of at least 18 out of 30 points are admitted to the interview.		
Interview	18	30
Eligibility for inclusion in the final ranking list is achieved with a minimum score of 54 out of 90 points.		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING LIST AND ENROLLMENT

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/scienze-ingegneristiche-ed-informatiche/ingegneria-industriale/>

### PhD Programme curricula:

1. *Aerospace Engineering;*
2. *Chemical Engineering and Materials*
3. *Mechanical Engineering*
4. *Engineering of Vehicles and Transport Systems*
5. *Nuclear Engineering and Industrial Safety*

### Website:

<http://phd-industriale.dici.unipi.it/en/>

### PhD Programme regulations:

<https://www.unipi.it/phocadownload/regolamentiallegati/regdotingind.pdf>

**PHD PROGRAMME IN INFORMATION ENGINEERING**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**

**Coordinator** professor Fulvio Gini

**Department:** Ingegneria dell'Informazione  
(<https://unimap.unipi.it/organizzazione/ente.php?d=519999@DIP>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions available No. 34

of which:

**PhD positions with grant No. 22**

**PhD positions reserved to employees No. 4**

**PhD positions reserved for research fellowship holders (Italian “borsa di ricerca”), in accordance with the regulations of the University of Pisa, or for research grant holders (Italian “assegno di ricerca”) No. 8**

ING_INFO_01	<b>Outcome of the selection procedure:</b> <b>Single ranking list</b>													
	<b>PhD positions: No. 3</b> <b>of which</b>													
	<table> <tr> <th>No.</th><th>Financing institution</th><th>Research project / subject (optional)</th></tr> <tr> <td colspan="3"><b>PhD Grants</b></td></tr> <tr> <td>2</td><td>University of Pisa</td><td></td></tr> <tr> <td>1</td><td>Department of Ingegneria dell'Informazione of the University of Pisa, Department of Excellence 2023/2027</td><td><i>Enabling Technologies for Industry 5.0</i></td></tr> </table>	No.	Financing institution	Research project / subject (optional)	<b>PhD Grants</b>			2	University of Pisa		1	Department of Ingegneria dell'Informazione of the University of Pisa, Department of Excellence 2023/2027	<i>Enabling Technologies for Industry 5.0</i>	
No.	Financing institution	Research project / subject (optional)												
<b>PhD Grants</b>														
2	University of Pisa													
1	Department of Ingegneria dell'Informazione of the University of Pisa, Department of Excellence 2023/2027	<i>Enabling Technologies for Industry 5.0</i>												
ING_INFO_02	<b>Outcome of the selection procedure:</b> Single ranking list for research project “ <i>Development of Innovative Biomedical Technologies for Tissue Regeneration</i> ”													
	<b>PhD positions: No. 2</b> <b>of which</b>													
	<table> <tr> <th>No.</th><th>Financing institution</th><th>Research project / subject (optional)</th></tr> <tr> <td colspan="3"><b>PhD Grants</b></td></tr> </table>	No.	Financing institution	Research project / subject (optional)	<b>PhD Grants</b>									
No.	Financing institution	Research project / subject (optional)												
<b>PhD Grants</b>														

	1	Center Piaggio (Progetto Luminate)	<i>Development of Innovative Biomedical Technologies for Intestinal Tissue Regeneration</i>
	1	Center Piaggio (Progetto Tentacle)	<i>Development of Innovative Biomedical Technologies for Joint Tissue Regeneration</i>
ING_INFO_03	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Department of Ingegneria dell'Informazione of the University of Pisa	<i>Design and fabrication of cell culture substrates for investigating and modelling cell migration as a function of microenvironment space-time warping</i>
ING_INFO_04	<b>Outcome of the selection procedure: Information Technology</b> Single ranking list for research project		
	<b>PhD positions: No. 3</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	<i>Institute of information science and technologies "Alessandro Faedo" (CNR-ISTI)</i>	<i>A System for Open-Science-oriented, collaborative deep learning model training</i>
	2	<i>Institute of information science and technologies "Alessandro Faedo" (CNR-ISTI)</i>	<i>Intent-based Networking in AI-Enforced 6G Infrastructures</i>
ING_INFO_05	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 3</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Institute of Informatics and TelematicsCNR-IIT	<i>Network Orchestration for Metaverse Applications in 6G Networks</i>
	1	Institute of Informatics and TelematicsCNR-IIT	<i>Fast and Reliable Stateful Faas at the Edge</i>
	1	Institute of Informatics and Telematics CNR-IIT	<i>Enabling Quantum Networked Applications</i>
ING_INFO_06	<b>Outcome of the selection procedure:</b> Ranking reserved to employees of <i>National Inter-University Consortium for Telecommunications</i> CNIT (legal head office Parma)		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>

	<b>Positions reserved for candidates holding a formal employment contract, with a duration at least equal to that of the PhD programme, with a private or public institution in agreement with the University of Pisa (salary maintained) – art. 3 of the PhD competition call</b>		
	1	National Inter-University Consortium for Telecommunications CNIT	Multi-platform/Multi-function radar
ING_INFO_07	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	No.	Financing institution	Research project / subject (optional)
	<b>PhD Grants</b>		
	1	Department of Ingegneria dell'Informazione of the University of Pisa	Methodologies for Large-Scale Management of Virtual Network Functions within the Cloud-Edge Compute Continuum
ING_INFO_08	<b>Outcome of the selection procedure: Physical Electronics</b> Single ranking list for research project		
	<b>PhD positions: No. 3</b> of which		
	No.	Financing institution	Research project / subject (optional)
	<b>PhD Grants</b>		
	1	Department of Ingegneria dell'Informazione of the University of Pisa	Silicon Physical Unclonable Functions for cybersecurity applications
	1	Department of Ingegneria dell'Informazione of the University of Pisa	Power converters based on wide bandgap semiconductors
	1	Department of Ingegneria dell'Informazione of the University of Pisa	Design of innovative devices based on two-dimensional materials for neuromorphic applications
ING_INFO_09	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	No.	Financing institution	Research project / subject (optional)
	<b>PhD Grants</b>		
	1	Istituto Nazionale per l'Assicurazione contro gli Infortuni sul Lavoro INAIL	Intelligent systems for monitoring and managing equipment to improve safety in different operating scenarios
ING_INFO_10	<b>Outcome of the selection procedure:</b> Ranking reserved to employees of LogObject AG (legal head office Opfikon - Svizzera)		
	<b>PhD positions: No. 2</b> of which		
	No.	Financing institution	Research project / subject (optional)
	<b>Positions reserved for candidates holding a formal employment contract, with a duration at least equal to that of the PhD programme, with a private or public institution in agreement with the University of Pisa (salary maintained) – art. 3 of the PhD competition call</b>		

	<b>1</b>	LogObject AG	<i>Retrieval-Augmented Generation Solutions for Supporting Decision-Making in Logistics</i>
	<b>1</b>	LogObject AG	<i>AI-Based Decision Support Systems for Emergency Management Operations</i>
ING_INFO_11	<b>Outcome of the selection procedure:</b> Ranking reserved for research fellowship holders (Italian “borsa di ricerca”), in accordance with the regulations of the University of Pisa, or for research grant holders (Italian “assegno di ricerca”)		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>Positions reserved for holders of research grant (Italian “borsa di ricerca”) awarded by the University of Pisa or research grant holders (Italian “assegno di ricerca”) - art. 3 of the PhD competition call</b>		
	<b>1</b>	Department of Ingegneria dell’Informazione of the University of Pisa	<i>Study of Innovative Techniques Based on AI and IoT for the Management of Patients with Chronic Diseases</i>
ING_INFO_12	<b>Outcome of the selection procedure:</b> Ranking reserved for research fellowship holders (Italian “borsa di ricerca”), in accordance with the regulations of the University of Pisa, or for research grant holders (Italian “assegno di ricerca”)		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>Positions reserved for holders of research grant (Italian “borsa di ricerca”) awarded by the University of Pisa or research grant holders (Italian “assegno di ricerca”) - art. 3 of the PhD competition call</b>		
	<b>1</b>	Department of Ingegneria dell’Informazione of the University of Pisa	<i>High-Performance and Memory-Safe I/O</i>
ING_INFO_13	<b>Outcome of the selection procedure:</b> Ranking reserved for research fellowship holders (Italian “borsa di ricerca”), in accordance with the regulations of the University of Pisa, or for research grant holders (Italian “assegno di ricerca”)		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>Positions reserved for holders of research grant (Italian “borsa di ricerca”) awarded by the University of Pisa or research grant holders (Italian “assegno di ricerca”) - art. 3 of the PhD competition call</b>		
	<b>1</b>	Department of Ingegneria dell’Informazione of the University of Pisa	<i>Autonomous Inspection of Submerged Infrastructures Using Underwater Robots Equipped with Sonar and Cameras</i>
ING_INFO_14	<b>Outcome of the selection procedure:</b> Ranking reserved for research fellowship holders (Italian “borsa di ricerca”), in accordance with the regulations of the University of Pisa, or for research grant holders (Italian “assegno di ricerca”)		
	<b>PhD positions: No. 1</b>		

of which		
No.	Financing institution	Research project / subject (optional)
<b>Positions reserved for holders of research grant (Italian “borsa di ricerca”) awarded by the University of Pisa or research grant holders (Italian “assegno di ricerca”) - art. 3 of the PhD competition call</b>		
<b>1</b>	Department of Ingegneria dell'Informazione of the University of Pisa	<i>Innovative Solutions for Endoscope Tracking and Volumetric Image Registration for the Implementation of Augmented Reality Surgical Guidance Systems</i>

<b>ING_INFO_15</b>	<b>Outcome of the selection procedure:</b>	
	Ranking reserved for research fellowship holders (Italian “borsa di ricerca”), in accordance with the regulations of the University of Pisa, or for research grant holders (Italian “assegno di ricerca”)	
	<b>PhD positions: No. 1</b>	
	of which	
	<b>No.</b>	<b>Financing institution</b>
		<b>Research project / subject (optional)</b>
	<b>Positions reserved for holders of research grant (Italian “borsa di ricerca”) awarded by the University of Pisa or research grant holders (Italian “assegno di ricerca”) - art. 3 of the PhD competition call</b>	
	<b>1</b>	Department of Ingegneria dell'Informazione of the University of Pisa
		<i>Biodegradable Multi-Analyte Sensors for Monitoring Physiological and Pathological Markers in Advanced Biological Systems</i>

<b>ING_INFO_16</b>	<b>Outcome of the selection procedure:</b>	
	Ranking reserved for research fellowship holders (Italian “borsa di ricerca”), in accordance with the regulations of the University of Pisa, or for research grant holders (Italian “assegno di ricerca”)	
	<b>PhD positions: No. 1</b>	
	of which	
	<b>No.</b>	<b>Financing institution</b>
		<b>Research project / subject (optional)</b>
	<b>Positions reserved for holders of research grant (Italian “borsa di ricerca”) awarded by the University of Pisa or research grant holders (Italian “assegno di ricerca”) - art. 3 of the PhD competition call</b>	
	<b>1</b>	Department of Ingegneria dell'Informazione of the University of Pisa
		<i>Analysis and design of advanced security techniques in RISC-V-based dependable systems</i>

<b>ING_INFO_17</b>	<b>Outcome of the selection procedure:</b>	
	Ranking reserved for research fellowship holders (Italian “borsa di ricerca”), in accordance with the regulations of the University of Pisa, or for research grant holders (Italian “assegno di ricerca”)	
	<b>PhD positions: No. 1</b>	
	of which	
	<b>No.</b>	<b>Financing institution</b>
		<b>Research project / subject (optional)</b>

	<b>Positions reserved for holders of research grant (Italian “borsa di ricerca”) awarded by the University of Pisa or research grant holders (Italian “assegno di ricerca”) - art. 3 of the PhD competition call</b>		
	<b>1</b>	Department of Ingegneria dell'Informazione of the University of Pisa	<i>Analysis and Design of Electronic Systems for Predictive Diagnostics</i>
ING_INFO_18	<b>Outcome of the selection procedure:</b> Ranking reserved for research fellowship holders (Italian “borsa di ricerca”), in accordance with the regulations of the University of Pisa, or for research grant holders (Italian “assegno di ricerca”)		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>Positions reserved for holders of research grant (Italian “borsa di ricerca”) awarded by the University of Pisa or research grant holders (Italian “assegno di ricerca”) - art. 3 of the PhD competition call</b>		
	<b>1</b>	Department of Ingegneria dell'Informazione of the University of Pisa	<i>Analysis and design of security and safety features in resource-constrained, RISC-V-based dependable systems</i>
ING_INFO_19	<b>Outcome of the selection procedure</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	<b>1</b>	Fondazione Bruno Kessler FBK	<i>Enabling trustworthiness in AI for precision agriculture</i>
ING_INFO_20	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	<b>1</b>	Department of Ingegneria dell'Informazione of the University of Pisa	<i>Design and Development of Electronically Reconfigurable Electromagnetic Metasurfaces for the Physical Protection of Security Systems Against Cyber Attacks</i>
ING_INFO_21	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		

	1	Department of Ingegneria dell'Informazione of the University of Pisa and <i>Zürcher Hochschule für Angewandte Wissenschaften</i> (ZHAW)	<i>Design and Development of Electronically Reconfigurable Electromagnetic Metasurfaces for the Physical Protection of Security Systems Against Cyber Attacks</i>
	<b>Further requirements CONCORSO <a href="#">ING_INFO_21</a></b> During their time at ZHAW, PhD students will maintain their status as PhD students of the University of Pisa and will continue to receive funding from the University of Pisa through their grant. Additionally, they will receive from the University of Pisa a monthly increase of €834.89 for the first 12 months spent abroad (in total €10.018,68 representing 50% of the gross administrative amount of the grant) as provided by Article 9, paragraph 3 of Ministerial Decree 226/2021. PhD students will be partially employed by ZHAW and therefore will also receive at least CHF 2.000 for each month of their actual stay at ZHAW directly from ZHAW, to contribute to the costs associated with the stay.		
ING_INFO_22	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	No.	Financing institution	Research project / subject (optional)
	<b>PhD Grants</b>		
	1	Fincantieri S.p.A:	<i>Model based development of multistatic SONAR systems</i>
ING_INFO_23	<b>Outcome of the selection procedure:</b> Ranking reserved to employees of <i>Huawei Technologies Duesseldorf GmbH</i> (legal head office <i>Duesseldorf</i> )		
	<b>PhD positions: No. 2</b> of which		
	No.	Financing institution	Research project / subject (optional)
	<b>Positions reserved for candidates holding a formal employment contract, with a duration at least equal to that of the PhD programme, with a private or public institution in agreement with the University of Pisa</b> (salary maintained) – art. 3 of the PhD competition call		
	1	<i>Huawei Technologies co. Ltd. Duesseldorf GmbH</i>	<i>Beamforming with Closely Spaced Antenna Arrays for Satellite Terminals</i>
ING_INFO_24	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	No.	Financing institution	Research project / subject (optional)
	<b>PhD Grants</b>		
	1	NATO Science and Technology Organization, Centre for Maritime Research and Experimentation (CMRE)	<i>Quantum Navigation in Maritime Environments</i>
<b>N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:</b>			
1. <u>apply as a public employee, thereby automatically renouncing the PhD grant;</u>			
2. <u>apply for a position with PhD grant, without declaring their status as public employee during the online application process;</u>			

In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution attached to the call for applications. Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

The following competitions are exempted from such provision: **ING\_INFO06** **ING\_INFO10** **ING\_INFO11** **ING\_INFO12** **ING\_INFO13** **ING\_INFO14** **ING\_INFO15** **ING\_INFO16** **ING\_INFO17** **ING\_INFO18** **ING\_INFO23**

## **The information below is valid for all selection procedures listed above.**

### **ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded by 31 October 2025: ALL

or  
an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025**.  
**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

### **SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

#### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

#### **Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry.

The interview aims to verify the candidate's potential to integrate positively into the research activities of interest to the Doctorate

#### **Web conference** **SI**

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

#### **Research project**

##### **to be evaluated along with the curriculum**

The research project, aimed at highlighting the candidate's planning and design skills, must be uploaded during the online application process.

The research project must briefly describe (no more than 5 pages of text and figures) the general idea, methodology, development phases, and expected results of a research project in the field of Information Engineering that the candidate intends to develop as part of the Doctoral course.

	Minimum grade	Maximum grade
<b>Curriculum</b>	30	50
<b>Candidates who have obtained a score of at least 30 out of 50 points are admitted to the written test.</b>		
<b>Interview</b>	30	50
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 60 out of 100 points.</b>		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published by **July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING LIST AND ENROLLMENT

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/scienze-ingegneristiche-ed-informatiche/ingegneria-dellinformazione/>

### PhD Programme curricula:

1. *General*
2. *Industry 4.0*

### Website:

<https://phd.dii.unipi.it/>

### PhD Programme regulations:

<https://www.unipi.it/phocadownload/regolamentiallegati/regdotinginf.pdf>

**PHD PROGRAMME IN MATHEMATICS**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**

**Coordinator** professor *Roberto Frigerio*

**Department:** Mathematics  
(<https://unimap.unipi.it/organizzazione/ente.php?d=529999@DIP>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 5

MATE_01	<b>Outcome of the selection procedure:</b>		
	Single ranking list		
	<b>PhD positions: No. 3</b>		
	of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
<b>PhD Grants</b>			
2	University of Pisa		
1	Department of Mathematics of the University of Pisa, Department of Excellence 2023/2027		

  

MATE_02	<b>Outcome of the selection procedure:</b>		
	Single ranking list for research project		
	<b>PhD positions: No. 2</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
<b>PhD Grants</b>			
2	Department of Mathematics of the University of Pisa		Theory of compensation in geometric and variational problems

**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;

In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications. Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

### **The information below is valid for all selection procedures listed above.**

#### **ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

*or*  
an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025.**

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

#### **SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

##### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum**, in particular:

- curriculum vitae*;
- Master's degree thesis or, if that is not finished yet, an abstract;
- diploma supplement including a list of exams taken during the entire academic career, with related exam marks and final grade for both Bachelor's and Master's degree (if already earned);
- a copy of publications made (if any).

**Only for MATE\_01:** in their CV, candidates should include a short paragraph (maximum 1 page) where they describe the reasons why they chose to apply for a position in the PhD programme in Mathematics at the University of Pisa.

**Only for MATE\_02:** candidates are required to submit a concise paragraph (maximum one page) outlining the reasons for their application to the PhD programme with title "Theory of compensation in geometric and variational problems", under the direction of Prof. Arroyo Rabasa at the Department of Mathematics of the University of Pisa.

**With reference to both selections MATE\_01 e MATE\_02, during the online application process,** candidates are required to specify at least 2 names and contacts (e-mail address and phone number) of professors and scholars of Mathematics, who are available to provide and upload references **by July, 18th 2025 23:59 (Italian time)**, following the instructions that will be sent to them directly by email.

##### **Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry. The interview will also assess the basic grounding in mathematics, as well as the research interests developed by the candidates during their studies.

**Moreover, only for MATE\_02:** the interview process is structured to assess candidates' research attitudes and interest in developing research within the scope of the project mentioned, which includes:

- Calculus of Variations (Young measures, PDE restrictions, BV functions)
- Geometric Measure Theory (structure of currents and varifolds)
- Partial Differential Equations (compensated compactness, functional inequalities)

**Web conference YES**

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

	Minimum grade	Maximum grade
<b>Curriculum</b>	24	40
<b>Candidates who have obtained a score of at least 24 out of 40 points are admitted to the interview.</b>		
<b>Interview</b>	30	60
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 54 out of 100 points.</b>		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published by **July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING LIST AND ENROLLMENT

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/scienze-fisiche-chimiche-matematiche-e-biologiche/matematica/>

### Website:

<https://www.dm.unipi.it/phd/>

### PhD Programme regulations:

<https://www.unipi.it/phocadownload/regolamentiallegati/rdomate.pdf>



**PHD PROGRAMME IN SCIENCE OF DRUG AND BIOACTIVE SUBSTANCES**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**

**Coordinator** professor *Tiziano Tuccinardi*

**Department:** Pharmacy  
 (<https://unimap.unipi.it/organizzazione/ente.php?d=449999@DIP>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 4

SA_FARMA_01	<b>Outcome of the selection procedure:</b>		
	Single ranking list		
	<b>PhD positions: No. 2</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
<b>PhD Grants</b>			
	2	University of Pisa	

  

SA_FARMA_02	<b>Outcome of the selection procedure:</b>		
	Single ranking list for research project		
	<b>PhD positions: No. 1</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
<b>PhD Grants</b>			
	1	<i>In Virtuo Laboratories SAGL</i>	Targeting Nuclear Receptors for Therapeutic Modulation in Neurodegeneration and Cancer

  

SA_FARMA_03	<b>Outcome of the selection procedure:</b>		
	Single ranking list for research project		
	<b>PhD positions: No. 1</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
<b>PhD Grants</b>			
	1	Centro di Riferimento Oncologico IRCCS, Aviano	Translational Oncology and Precision Medicine

**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;

In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications.

Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

## **The information below is valid for all selection procedures listed above.**

### **ADMISSION REQUIREMENTS (art 3 of the PhD competition call)**

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

or  
an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025.**

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

### **SELECTION CRITERIA (art. 4 of the PhD competition call)**

#### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

#### **Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry. Candidates must also demonstrate the ability to use spoken and written English. This check will be carried out during the interview.

**Web conference** ☒ **YES**

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

#### **Research project**

**to be evaluated along with the curriculum and illustrated during the interview**

The research project, aimed at highlighting the candidate's planning and design skills, must be produced via upload **when registering online for the competition** using the form attached.

The project, which does not constitute a constraint on the carrying out of future research activity, must be relevant to the following research areas: design and development of drugs and bioactive substances, chemistry of drugs and bioactive substances, biotesting of drugs and bioactive substances, technology of drugs and bioactive substances, separation of bioactive products from natural sources, analysis of "evidence-based medicine" for the control and management of regional health spending to increase the effectiveness of the actions of public administrations. The bibliography must also be indicated in the form and will be included in the required character count.

	Minimum grade	Maximum grade
<b>Curriculum</b>	70	100
Candidates who have obtained a score of at least 70 out of 100 points are admitted to the interview.		
<b>Interview</b>	70	100
Eligibility for inclusion in the final ranking list is achieved with a minimum score of 140 out of 200 points.		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING LIST AND ENROLLMENT

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/scienze-mediche-farmaceutiche-e-veterinarie/scienza-del-farmaco-e-delle-sostanze-bioattive/>

### Website:

<https://sfsb.farm.unipi.it/>

### PhD Programme regulations:

*Pending issuance*

<b>Applicant Name</b>	
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**RESEARCH PROJECT PROPOSAL***(Use plain typed text, in English)*

<b>Proposal title</b>	
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<b><u>Area</u></b> <i>Research program of the Doctorate which the project refers to</i>	
--	--

<b><u>Summary of proposal</u></b> <i>Brief summary of the research project, highlighting objectives and milestones (maximum 500 characters)</i>	
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<b><u>Current state of the art of the research field</u></b> <i>(maximum 2.000 characters)</i>	
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<b><u>Research objectives and methods</u></b> <i>detailed description of the research project, emphasizing innovative aspects and scientific relevance (maximum 4.000 characters)</i>	
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<b><u>Outline of work plan</u></b> <i>methodology, time scales, milestones; duration should be no more than three years (maximum 2.500 characters)</i>	
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UNIVERSITÀ  
DI PISA



Ministero  
dell'Università  
e della Ricerca



**PHD PROGRAMME IN AGRICULTURE, FOOD AND ENVIRONMENT**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**

**Coordinator** professor *Andrea Cavallini*

**Department:** Scienze agrarie, alimentari e agro-ambientali

(<https://www.unipi.it/ateneo/organizzazione/strutture/dipartimenti/dipartimento-di-scienze-agrarie-alimentari-e-agro-ambientali-569999/>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions available No. 5

of which:

**PhD positions with grant No. 4**

**PhD positions reserved for research fellowship holders (Italian “borsa di ricerca”), in accordance with the regulations of the University of Pisa, or for research grant holders (Italian “assegno di ricerca”) No. 1**

SC_AGR_01	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	No.	Financing institution	Research project / subject (optional)
	Posti con borsa		
	1	University of Pisa Department of Scienze agrarie, alimentari e agro-ambientali of the University of Pisa	Early detection of disease and sustainable crop and wild plant protection strategies”
SC_AGR_02	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	No.	Financing institution	Research project / subject (optional)
	Posti con borsa		

	1	Università di Pisa Department of Scienze agrarie, alimentari e agro-ambientali of the University of Pisa Università di Pisa, funded thorough PROGETTO FIS-2023-02552 “How new genes emerge: exploring a model of novel gene creation following the evolution of wheat”- CUP I53C24003120001 (acronimo U-GOV – 569999_2025_MASCAGNI_NEXT-G FIS2 I)	Role of transposon exaptation in creating new genes during wheat domestication
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SC_AGR_03	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>Posti con borsa</b>		
	1	University of Pisa Centro di Ricerche Agro-ambientali “E. Avanzi” of the University of Pisa	Innovative agronomic practices codesigned through a living-lab based approach

SC_AGR_04	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>Posti con borsa</b>		
	1	Department of Scienze agrarie, alimentari e agro-ambientali of the University of Pisa	The True Cost of Food: supporting agri-food systems transition towards sustainable agribusiness models designed to generate income, create values, and incorporate the positive and negative externalities of agri-food production systems

**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
  2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;
- In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications.
- Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

SC_AGR_05	<b>Outcome of the selection procedure:</b> <b>Positions reserved for holders of research grant (Italian “borsa di ricerca”) awarded by the University of Pisa or research grant holders (Italian “assegno di ricerca”) - art. 3 of the PhD competition call</b>	
	<b>PhD positions: No. 1</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject (optional)</b>	
	<b>Posti con borsa</b>	
1	Department of Scienze agrarie, alimentari e agro-ambientali	Calibration and validation of an expert system based on smart materials for monitoring the water consumption of tree crops

**The information below is valid for all selection procedures listed above.**

**ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

*or*  
an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025**.  
**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

**SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

**Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

In particular, the candidate must upload:

- the curriculum vitae;
- any publications;
- an abstract of the master's degree thesis or, for candidates who have not yet obtained the degree, a preliminary summary of the same;
- a list of the exams taken during the university career with the relative marks and the graduation mark obtained (for the three-year degree and for the master's degree);
- certificates of participation in conferences;
- scholarships or research grants obtained.

**Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry.

The interview must provide for the assessment of knowledge of the English language.

**Web conference** SI

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

	Minimum grade	Maximum grade
<b>Curriculum</b>	<b>15</b>	<b>50</b>
<b>Candidates who have obtained a score of at least 15 out of 50 points are admitted to the interview</b>		
<b>Interview</b>	<b>30</b>	<b>50</b>
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 45 out of 100 points.</b>		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published by **July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING LIST AND ENROLLMENT

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/scienze-fisiche-chimiche-matematiche-e-biologiche/scienze-agrarie-alimentari-e-agro-ambientali/>

### Website:

<https://phd-dafe.agr.unipi.it/it/>

### PhD Programme regulations:

<http://alboufficiale.unipi.it/wp-content/uploads/2018/11/Scienzeagrarie.pdf>



UNIVERSITÀ  
DI PISA



UNIVERSITÀ  
DI SIENA 1240



UNIVERSITÀ  
DEGLI STUDI  
FIRENZE  
Da un secolo, oltre.



## PHD PROGRAMME IN CLASSICAL STUDIES AND ARCHAEOLOGY

ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)

in agreement with University of Firenze and University of Siena

Coordinator professor *Gianfranco Agosti*

Department: Filologia, letteratura e linguistica

(<https://www.unipi.it/ateneo/organizzazione/strutture/dipartimenti/dipartimento-di-filologia-letteratura-e-linguistica-459999/>)

### COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

SC_ANT01	<b>Outcome of the selection procedure:</b> Single ranking list		
	<b>PhD positions: No. 9</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	University of Pisa	
	1	University of Firenze	
	1	University of Siena	
	1	Ateneo Department of Civiltà e Forme del Sapere University of Pisa Department of Ingegneria dell'Informazione University of Pisa	Contemporary Archaeology
	1	Regione Toscana – funded thorough PR FSE 2021/27 within the framework of <b>Giovanisi</b> ( <a href="http://www.giovanisi.it">www.giovanisi.it</a> ), the project of the Tuscany Region for youth empowerment, “Pegaso” PhD grants (CUP I51J25000080006)	Archaeology in Tuscany: Landscape, Settlements and Heritage between Prehistory and the Middle Ages

	- require a training / <b>research experience of at least 3 (three) months in an applied context</b> (e.g. company, public research institutions, or other non-university institution)	
1	Regione Toscana – funded thorough PR FSE 2021/27 within the framework of <b>Giovanisi</b> ( <a href="http://www.giovanisi.it">www.giovanisi.it</a> ), the project of the Tuscany Region for youth empowerment, “Pegaso” PhD grants (CUP I51J25000080006) - require a training / <b>research experience of at least 3 (three) months in an applied context</b> (e.g. company, public research institutions, or other non-university institution)	The tradition of classical texts and cultural heritage in Tuscany: description and cataloguing of manuscripts
3	Regione Toscana – funded thorough PR FSE 2021/27 within the framework of <b>Giovanisi</b> ( <a href="http://www.giovanisi.it">www.giovanisi.it</a> ), the project of the Tuscany Region for youth empowerment, “Pegaso” PhD grants (CUP CUP I51J25000080006) - require a <b>study and research stay-abroad period of at least 6 (six) months</b> ;	

#### Further requirements

Beneficiaries of **“Pegaso” PhD grants** – academic year. 2025/26, funded thorough PR FSE 2021/27 within the framework of **Giovanisi** ([www.giovanisi.it](http://www.giovanisi.it)), the project of the Tuscany Region for youth empowerment, must also:

- be no older than 35 years of age at the time of application for the PhD call (up to and including the day of their 35th birthday);
- demonstrate an adequate knowledge of the English language (at least B2 level), which will be assessed by the examining board during the selection process. Candidates must present a valid B2 English level certificate (at least) prior to enrollment and acceptance of the Pegaso grant.
- declare their willingness to carry out a study and research stay abroad of at least 6 (six) months (12 (twelve) months for recipients of an international grant), and to acknowledge that failure to complete the mandatory mobility period may result in the revocation of the entire scholarship by the Tuscany Region. This declaration is not required for beneficiaries of topic-specific PhD grants for whom no international mobility was foreseen at the time of project submission;
- (only for recipients of PhD research project grants) formally declare their willingness to carry out a training/research experience of at least 3 (three) months in an applied context – such as companies, public research institutions, other public institutions (not universities) – and acknowledge that failure to carry out such experience may result in the revocation of the full scholarship by the Regione Toscana;
- declare their willingness to attend courses on soft skills development, knowledge of the labour market and research environment, and methodologies for data collection, analysis, and management (Data Science), as proposed by the implementing body over the three-year duration of the PhD programme.

**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
  2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;
- In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications. Candidates declaring their participation as public employees automatically **RENOUNCE** the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

**The information below is valid for all selection procedures listed above.**

**ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree:

LM-1 Antropologia culturale ed etnologia

LM-2 Archeologia

LM-15 Filologia, letterature e storia dell'antichità

LM-64 Scienze delle religioni

LM-84 Scienze storiche

Lauree specialistiche:

Lauree Vecchio Ordinamento (ante DM 509):

Lettere

Storia

Conservazione dei beni culturali,

Storia e conservazione dei beni culturali

Lettere classiche

Storia e conservazione dei beni architettonici e ambientali

o equiparabili ai sensi del decreto ministeriale 9 luglio 2009

or

an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025**.

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

**SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

**Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

**Written examination**

The written test may only be taken in person in the Department of the University of Pisa or at other partner institutions (e.g. universities, consulates, embassies).

The candidate may choose between two tests (depending on the curriculum). More information on: <https://www.fileli.unipi.it/scienze-antichita-e-archeologia/ammissione>

**Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry. During the interview, candidates must demonstrate a command of the relevant knowledge, an aptitude for research, a maturity for critical debate and a willingness to undergo a training process in Italy and abroad

Candidates will have to demonstrate an adequate knowledge of the English language (at least equivalent to CEFR B2).

**Web conference **

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

### **Research project**

to be evaluated along with the *curriculum* and illustrated during the interview

The research project, aimed at highlighting the candidate's planning and design skills, must be uploaded during the online application process.

	Minimum grade	Maximum grade
<b>Curriculum</b>	15	20
Candidates who have obtained a score of at least 15 out of 20 points are admitted to the written test.		
<b>Written examination</b>	20	30
Candidates who have obtained a score of at least 20 out of 30 points are admitted to the interview.		
<b>Interview</b>	30	50
Eligibility for inclusion in the final ranking list is achieved with a minimum score of 65 out of 100 points.		

### **EXAM SCHEDULE**

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

### **RANKING LIST AND ENROLLMENT**

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

### **INFO ON THE PHD PROGRAMME**

#### **Overview and objectives:**

<https://www.unipi.it/didattica/corsi/dottorati/scienze-umanistiche/scienze-dellantichita-e-archeologia/>

#### **PhD Programme *curricula*:**

1. Archaeology
2. Classical Philology

#### **Website:**

<https://saa.fileli.unipi.it/>

#### **PhD Programme regulations:**

*Pending issuance*

### **“PEGASO” GRANTS – EUROPEAN UNION AND REGIONAL PROVISIONS**

Article 15 of the Regional Notice states regional notice states that public calls issued by the implementing body for admission to PhD programmes funded under the regional “Pegaso” scheme must include: the logos of the funding bodies (UE, Country, Region – Giovanisi) and PR FSE 2021/27 programme, as well as references to the relevant EU, national and regional legislation, as outlined below.

#### Disposizioni dell'Unione europea e regionali:

- Regolamento (UE, Euratom) n. 2093/2020 del Consiglio del 17 dicembre 2020 che stabilisce il quadro finanziario pluriennale per il periodo 2021-2027;
- Visto il Regolamento (UE) 2021/1057 del Parlamento europeo e del Consiglio, del 24 giugno 2021, che istituisce il Fondo sociale europeo Plus (FSE+) e che abroga il regolamento (UE) n. 1296/2013;
- Visto il Regolamento (UE) n. 2021/1060 del Parlamento europeo e del Consiglio del 24 giugno 2021, recante le disposizioni comuni applicabili al Fondo europeo di sviluppo regionale, al Fondo sociale europeo Plus, al Fondo di coesione, al Fondo per una transizione giusta, al Fondo europeo per gli affari marittimi, la pesca e l'acquacoltura, e le regole finanziarie applicabili a tali fondi e al Fondo Asilo, migrazione e integrazione, al Fondo Sicurezza interna e allo Strumento di sostegno finanziario per la gestione delle frontiere e la politica dei visti, in particolare l'articolo 23, paragrafo 4;

- Visto il Regolamento (UE) n. 679/2016 del Parlamento europeo e del Consiglio, del 27 aprile 2016, relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali, nonché alla libera circolazione di tali dati e che abroga la direttiva 95/46/CE (regolamento generale sulla protezione dei dati);
- Vista la Decisione di esecuzione della Commissione C(2022)4787 finale del 15 luglio 2022 che approva l'Accordo di Partenariato con la Repubblica Italiana CCI 2021IT16FFPA001, relativo al ciclo di programmazione 2021-2027;
- Richiamata la Decisione della Commissione C(2022) n. 6089 del 19/08/2022 che approva il programma regionale "PR Toscana FSE+ 2021-2027", per il sostegno a titolo del Fondo sociale europeo Plus nell'ambito dell'obiettivo "Investimenti a favore dell'occupazione e della crescita" per la regione Toscana in Italia;
- Richiamata la DGR 1016 del 12/09/22 "Preso d'atto della Decisione della Commissione C(2022) n. 6089 del 19/08/2022 che approva il programma regionale "PR Toscana FSE+ 2021-2027", per il sostegno a titolo del Fondo sociale europeo Plus nell'ambito dell'obiettivo "Investimenti a favore dell'occupazione e della crescita" per la regione Toscana in Italia";
- Richiamata la DGR 122/2023 e ssmmii con la quale è stato approvato il Provvedimento attuativo del PR FSE + 2021/27;
- Visti i criteri di selezione delle operazioni da ammettere al cofinanziamento del Fondo Sociale Europeo Plus nella programmazione 2021-2027 della Regione Toscana approvati dal Comitato di sorveglianza del Programma il 18/11/2022;
- Vista la Decisione n. 2 del 19 giugno 2023 e ssmmii che approva il Sistema di Gestione e Controllo del PR FSE+ 2021/27;
- Vista la Deliberazione della Giunta Regionale n. 610 del 05/06/2023 che ai sensi dell'Articolo 17 comma 1, della LR 32/2002 ss.mm.ii., approva il "Regolamento (UE) 2021/1060 – PR FSE+ 2021-2027. Manuale per i beneficiari – Disposizioni per la gestione degli interventi oggetto di sovvenzioni a valere sul PR FSE+ 2021-2027;
- Visto il Programma Regionale di Sviluppo 2021-2025, adottato con Delibera di Giunta Regionale n.1392 del 07/12/2022;
- Visto l'articolo 64 del Regolamento (UE) 2021/1060 e dell'articolo 16 del regolamento (UE) 2021/1057 in materia di ammissibilità delle spese;
- Visto il DP.R. n. 22 del 5/02/2018 recante il "Regolamento sui criteri sull'ammissibilità delle spese per i programmi cofinanziati dai Fondi strutturali di investimento europei (SIE) per il periodo di programmazione 2014/2020" e s.m.i, a cui si fa riferimento nelle more dell'adozione della nuova norma nazionale in materia di ammissibilità delle spese per il periodo 2021-2027;
- Visti la Legge regionale 26 luglio 2002, n. 32 "Testo unico della normativa della Regione Toscana in materia di educazione, istruzione, orientamento, formazione professionale e lavoro." e ss.mm.ii. e il Decreto del Presidente della Giunta Regionale 8 agosto 2003, n. 47/R e ss.mm.ii., recante "Regolamento di esecuzione della L.R. 26.7.2002, n. 32";
- Visto il D.L. 30 aprile 2019, n. 34 (Misure urgenti di crescita economica e per la risoluzione di specifiche situazioni di crisi), convertito in L. n.58/2019, che prevede, per i soggetti di cui all'art. 35, specifici obblighi di pubblicazione delle informazioni relative a sovvenzioni, sussidi, vantaggi, contributi o aiuti, nei propri siti internet o analoghi portali digitali e nella nota integrativa al bilancio di esercizio e nell'eventuale consolidato;
- Vista la DGR 1321/2022 "Strategia regionale di specializzazione intelligente (S3) per il periodo di programmazione UE 2021/27;
- Vista la DGR 1510/2023 "Strategia di specializzazione intelligente 2021-2027. Piano di Lavoro 2024-25";
- Dato atto che nell'ambito del PR Toscana FSE+ 2021/27 e nel relativo PAD approvato con DGR 122/23 è ricompresa nell'Asse 2, l'attività 2.f.2. "Corsi di laurea e post laurea realizzati in rete";
- Richiamata la Delibera di Giunta Regionale n. 74 del 27 gennaio 2025 che approva gli elementi essenziali dell'avviso "PR FSE 2021/27 – Corsi di dottorato realizzati in rete ciclo XLI – Borse Pegaso 2025" destinando euro 6.000.000,00 alla sua attuazione.
- Dato atto che il contributo è soggetto a monitoraggio di spesa e rendicontazione da effettuare secondo le modalità e le scadenze del PR FSE 2021/27;
- Dato atto della somma assegnata alla Regione Toscana come da PR FSE 2021/27, approvato con Decisione della Commissione C(2022) n. 6089 del 19/08/2022, e da Piano attuativo di dettaglio (PAD) del PR FSE 2021/27 adottato con delibera della Giunta n. 122/2023, il relativo accertamento di entrata sarà assunto sulla base di estrazioni periodiche e comunicazione ai singoli settori competenti sul bilancio finanziario gestionale 2025/27;
- Vista la Deliberazione della Giunta Regionale n.1 del 08/01/2025 con cui viene approvato il Documento Tecnico di Accompagnamento al Bilancio di Previsione 2025-2027 e del Bilancio Finanziario Gestionale 2025-2027.
- Dato atto che l'intervento è stato inserito nel cronoprogramma degli interventi da realizzare con il PR FSE 2021/27 nel 2025.



**PHD PROGRAMME IN CHEMISTRY AND MATERIAL SCIENCE**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**

**Coordinator** professor *Francesca Modugno*

**Department:** Chemistry and Industrial Chemistry  
<https://unimap.unipi.it/organizzazione/ente.php?d=419999@DIP>

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 8

SC_CHIM_01	<b>Outcome of the selection procedure:</b>		
	Single ranking list		
	<b>PhD positions: No. 2</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	2	University of Pisa	

  

SC_CHIM_02	<b>Outcome of the selection procedure:</b>		
	Specific research topics with separate ranking lists: no. 6		
	<b>PhD positions: No. 6</b>		
	of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Department of Chemistry and Industrial Chemistry of the University of Pisa	Development of nanostructured photocatalysts for in space production of propellants
	1	Department of Chemistry and Industrial Chemistry of the University of Pisa	Computational simulations of chiral supramolecular aggregates of conjugated organic compounds
	1	Department of Chemistry and Industrial Chemistry of the University of Pisa	Multiscale models for the study of photoenzymes
	1	Department of Chemistry and Industrial Chemistry of the University of Pisa	An integrated approach combining quantum chemistry and deep learning for the design of photoenzymes
	1	Bolton Food S.p.A.	Seafood biomass conversion to bioadhesives

	1	KEDRION S.p.A.	Analytical methods development for chemicophysical characterization of therapeutical formulations
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**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;

In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications.

Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

### **The information below is valid for all selection procedures listed above.**

#### **ADMISSION REQUIREMENTS (art 3 of the PhD competition call)**

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31<sup>st</sup> October 2025: ALL**

or  
an equivalent academic qualification pursuant to Ministerial Decree of 9<sup>th</sup> July 2009, to be awarded **by 31<sup>st</sup> October 2025.**

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

#### **SELECTION CRITERIA (art. 4 of the PhD competition call)**

##### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

Accompanying the application, it is required to upload, only during the application process, the following documents: a list of the exams taken during the university career with related exam marks and the final grade reported in the Bachelor's degree and in the Master's degree (if already earned).

##### **Written examination**

The written test may only be taken in person at the Department of Chemistry and Industrial Chemistry of the University of Pisa. The written test will be aimed at assessing the academic prerequisites. The test may be taken in either Italian or English, at the candidate's choice.

##### **Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry. During the interview candidates will present and discuss the research project submitted in the application. During the interview, there will be an assessment of the English language, as part of the interview itself will be carried out in English. If required, all the interview can be carried out in English.

##### **Web conference** **YES**

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process.** Selection Board will examine any request received after the

application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

### **Research project**

#### **to be illustrated during the interview**

The research project, aimed at highlighting the candidate's planning and design skills, must be uploaded during the online application process and will be evaluated during the interview.

Research project must be edited in maximum 2 pages in A4 format, apart from bibliography, minimum 11 type, minimum 1.5 line space.

	Minimum grade	Maximum grade
<b>Curriculum</b>	30	50
<b>Candidates who have obtained a score of at least 30 out of 50 points are admitted to the written test.</b>		
<b>Written examination</b>	12	20
<b>Candidates who have obtained a score of at least 42 out of 70 points are admitted to the interview.</b>		
<b>Interview</b>	20	30
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 62 out of 100 points.</b>		

### **EXAM SCHEDULE**

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

### **RANKING LIST AND ENROLLMENT**

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

### **INFO ON THE PHD PROGRAMME**

#### **Overview and objectives:**

<https://www.unipi.it/didattica/corsi/dottorati/scienze-fisiche-chimiche-matematiche-e-biologiche/scienze-chimiche-e-dei-materiali/>

#### **Website:**

<https://dscm.dcci.unipi.it/>

#### **PhD Programme regulations:**

<https://www.unipi.it/phocadownload/regolamentiallegati/redochimica.pdf>

**PHD PROGRAMME IN CLINICAL AND TRANSLATIONAL SCIENCES**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**

**Coordinator** professor Mauro Pistello

**Department:** Ricerca Traslazionale e delle nuove tecnologie in medicina e chirurgia  
(<http://www.medtrasl.unipi.it>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 6

SC_CLI_01	<b>Outcome of the selection procedure:</b> Single ranking list		
	<b>PhD positions: No.1</b> <b>of which</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		
	1	University of Pisa	
SC_CLI_02	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> <b>of which</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		
	1	Department of Ricerca Traslazionale e delle Nuove Tecnologie in Medicina e Chirurgia of the University of Pisa	Optimization of the Use of Targeted Therapies in Hepatobiliary Tumors
SC_CLI_03	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> <b>of which</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		
	1	Fondazione GONO Onlus	Optimization of treatment in patients with metastatic colorectal cancer through the use of liquid biopsy

SC_CLI_04	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1 of which</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Department of Ricerca Traslationale e delle Nuove Tecnologie in Medicina e Chirurgia of the University of Pisa	Reducing infection-related cancers by developing comprehensive and effective prevention programmes for HBV, HCV, HPV, and HIV among vulnerable and socially deprived population groups
SC_CLI_05	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1 of which</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Istituto di Fisiologia Clinica IFC CNR	Artificial Intelligence techniques in ultrasound imaging for vascular health assessment
SC_CLI_06	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1 of which</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Fondazione per la gestione dei lasciti e atti di liberalità per attività di supporto agli studenti e di ricerca dell'Università di Pisa	Development of artificial intelligence models in 7 Tesla magnetic resonance imaging
	<p><b>N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:</b></p> <ol style="list-style-type: none"> <li>1. <u>apply as a public employee, thereby automatically renouncing the PhD grant;</u></li> <li>2. <u>apply for a position with PhD grant, without declaring their status as public employee during the online application process;</u></li> </ol> <p>In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <a href="https://www.studenti.unipi.it">https://www.studenti.unipi.it</a>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications.</p> <p>Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. <b><u>Once this choice is done it is irrevocable and cannot be modified at a later time.</u></b></p>		

**The information below is valid for all selection procedures listed above.**

**ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

or

an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025.**

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

## **SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

### **Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry.

### **Web conference** SI

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

### **Research project**

to be illustrated during the interview

The research project, aimed at highlighting the candidate's planning and design skills, must be uploaded during the online application process.

The maximum character limit specified in the form includes spaces and is for the research project. The bibliography is not included in the aforementioned characters.

	Minimum grade	Maximum grade
<b><i>Curriculum</i></b>	15	30
<b>Candidates who have obtained a score of at least 15 out of 30 points are admitted to the interview.</b>		
<b><i>Interview</i></b>	40	70
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 55 out of 100 points.</b>		

## **EXAM SCHEDULE**

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## **RANKING LIST AND ENROLLMENT**

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/scienze-mediche-farmaceutiche-e-veterinarie/scienze-cliniche-e-traslazionali/>

### PhD Programme curricula:

1. *Endocrinologia, Metabolismo e Malattie Cardiovascolari*
2. *Imaging, Simulazione e Pianificazione*
3. *Immunologia e Microbiologia*
4. *Neuroscienze*
5. *Oncologia e Medicina Molecolare*
6. *Sanità pubblica*

### Website:

<https://ctsphd.med.unipi.it/>

### PhD Programme regulations:

<https://alboufficiale.unipi.it/wp-content/uploads/2018/11/scienzeclinichetraslazionali.pdf>



PHD PROGRAMME IN LEGAL SCIENCES  
ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)

Coordinator professor *Elena Bargelli*

Department: Giurisprudenza

(<https://www.unipi.it/ateneo/organizzazione/strutture/dipartimenti/dipartimento-di-giurisprudenza-479999/>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 3

SC_GIU_01	<b>Outcome of the selection procedure:</b> Single ranking list	
	<b>PhD positions: No. 3</b> of which	
	<b>No.</b>	<b>Financing institution</b>
	<b>Research project / subject</b> (optional)	
	<b>PhD Grants</b>	
	2	University of Pisa
	1	Centro di Servizi Polo Universitario "Sistemi Logistici" di Livorno
	Legal frameworks of logistic systems and the maritime economy	
	<b>N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:</b> 1. <u>apply as a public employee, thereby automatically renouncing the PhD grant;</u> 2. <u>apply for a position with PhD grant, without declaring their status as public employee during the online application process;</u> In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <a href="https://www.studenti.unipi.it">https://www.studenti.unipi.it</a> . They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications. Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. <b><u>Once this choice is done it is irrevocable and cannot be modified at a later time.</u></b>	

**The information below is valid for all selection procedures listed above.**

#### ADMISSION REQUIREMENTS (art 3 of the PhD competition call)

- Master's degree **to be obtained by 31 october 2025:**

22/S (specialistiche in giurisprudenza)

57/S (specialistiche in programmazione e gestione delle politiche e dei servizi sociali)

60/S (specialistiche in relazioni internazionali)

70/S (specialistiche in scienze della politica)  
71/S (specialistiche in scienze delle pubbliche amministrazioni)  
88/S (specialistiche in scienze per la cooperazione allo sviluppo)  
89/S (specialistiche in sociologia)  
oppure  
- Master's degree **to be obtained by 31 october 2025:**  
LMG/01 Classe delle lauree magistrali in giurisprudenza  
LM-52 Relazioni internazionali  
LM-56 Scienze dell'economia  
LM-59 Scienze della comunicazione pubblica, d'impresa e pubblicità  
LM-63 Scienze delle pubbliche amministrazioni  
LM-77 Scienze economico-aziendali  
LM-81 Scienze per la cooperazione allo sviluppo  
LM-87 Servizio sociale e politiche sociali  
LM-88 Sociologia e ricerca sociale  
LM/SC Scienze criminologiche applicate all'investigazione e alla sicurezza  
LM/SC-GIUR Scienze Giuridiche

oppure  
- Master's degree (*ante d.m. 509/99*) **to be obtained by 31 october 2025:**

Law  
Philosophy  
Political Science  
Economy

or

an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025**.

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

## **SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.** In particular, candidates are invited to include:

- a list of the exams taken during their degree program, indicating the grades obtained in each exam, the final degree mark, and the date the degree was awarded;
- the degree thesis;
- any publications, which will be considered by the Committee up to a maximum of one.

### **Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry.

Candidates will have to demonstrate an adequate knowledge of the English language

The assessment of English language proficiency will be expressed using the following scale: sufficient, fair, good, very good, excellent.

For candidates whose native language is not Italian, knowledge of the Italian language will also be assessed. The same grading scale mentioned above will be used for evaluating Italian language proficiency.

**For admission to the program, all candidates must achieve at least a "sufficient" rating in English language proficiency.**

**Web conference** ☐ **Interviews may only be taken in person**

### **Research project**

#### **to be illustrated during the interview**

The research project, aimed at highlighting the candidate's planning and design skills, must be uploaded during the online application process.

Research project is not binding for the PhD Council, and must be drafted in this way:

- a) the project must have a title;
- b) the project must have a brief description of the research theme of interest for the PhD candidate, also emphasizing the research question;
- c) the project must shortly describe the state of art on the subject;
- d) the project must indicate the expected results of the research;
- e) the project must describe the methodology that should be followed during the research work;
- f) the project must include bibliographical references.

The text of the project must not exceed 10.000 characters, including spaces and bibliography.

**The text must not exceed 10,000 characters, including spaces and bibliography.**

	Minimum grade	Maximum grade
<b>Curriculum</b>	5	20
<b>Candidates who have obtained a score of at least 5 out of 20 points are admitted to the interview.</b>		
<b>Interview</b>	60 <i>di cui</i> 20 da riservare al progetto di ricerca	80
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 65 out of 100 points.</b>		

### **EXAM SCHEDULE**

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published by **July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

### **RANKING LIST AND ENROLLMENT**

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

### **INFO ON THE PHD PROGRAMME**

#### **Overview and objectives:**

<https://www.unipi.it/didattica/corsi/dottorati/scienze-giuridiche-economiche-e-politico-sociali/scienze-giuridiche/>

#### **PhD Programme curricula:**

1. *Private Law and private comparative Law, Labour, Legal European Tradition*
2. *Theory of fundamental rights, Constitutional Justice, Comparative Law, Law and Religion*
3. *Company Law, International Law, European Law, Rules of Civil Procedure*
4. *Administration, Market and Criminal Justice.*

#### **Website:**

<https://www.jus.unipi.it/ricerca/corso-di-dottorato/>

#### **PhD Programme regulations:**

<https://www.unipi.it/phocadownload/regolamentiallegati/regoscienzegiuridiche.pdf>



**PHD PROGRAMME IN POLITICAL SCIENCES**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**

**Coordinator** professor *Andrea Salvini*

**Department:** Political sciences  
(<https://unimap.unipi.it/organizzazione/ente.php?d=589999@DIP>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 3

SC_POL_01	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 2</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		
	2	University of Pisa	Sociology, history, political studies, and geopolitics

SC_POL_02	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		
	1	Centro di Servizi Polo Universitario "Sistemi Logistici" di Livorno	Logistics and port systems within historical-political, social, and geopolitical frameworks

**N.B.** With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:

1. apply as a public employee, thereby automatically renouncing the PhD grant;
  2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;
- In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications.

Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

**The information below is valid for all selection procedures listed above.**

**ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

*or*  
an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025.**

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

**SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

**Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

The selection will be carried out on the evaluation of an academic (University average grade of exams, final grade, awards and recognitions) and scientific curriculum (publications, study and research grants, internships, participation in conferences with presentation of a report, in which case an abstract should be submitted, training and research experiences abroad).

**Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, motivation for scientific inquiry and knowledge of the English language. During the interview, candidates will illustrate a research project which is to be well-structured, coherent and adequate to demonstrate the mastery of topics related to their research field.

**Web conference ☐ Interviews may only be taken in person**

**Research project**

**to be evaluated along with the curriculum and illustrated during the interview**

The research project, aimed at highlighting the candidate's planning and design skills, must be uploaded during the online application process.

Research project will have to be congruent with disciplinary areas characterizing the competition subject and will be evaluated considering quality, originality and innovation criteria. The project will have to clearly report the aims and research questions, methodologies candidates wish to adopt and expected results, other than a timetable respecting the development of research activities.

The Project must include a minimum of 3 and a maximum of 6 pages consisting of approximately 2500 characters each (including spaces) and a bibliography.

	Minimum grade	Maximum grade
<b><i>Curriculum</i></b>	42	60
<b>Candidates who have obtained a score of at least 42 out of 60 points are admitted to the interview.</b>		
<b><i>Interview</i></b>	28	40
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 70 out of 100 points.</b>		

**EXAM SCHEDULE**

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

**RANKING LIST AND ENROLLMENT**

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

**INFO ON THE PHD PROGRAMME****Overview and objectives:**

<https://www.unipi.it/didattica/corsi/dottorati/scienze-giuridiche-economiche-e-politico-sociali/scienze-politiche/>

**Website:**

<https://www.sp.unipi.it/it/ricerca/dottorato/>

**PhD Programme regulations:**

<https://www.unipi.it/phocadownload/regolamentiallegati/regdottscienzepolitiche.pdf>



**PHD PROGRAMME IN VETERINARY SCIENCES**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**

**Coordinator** professor *Valentina Meucci*

**Department:** Veterinary Sciences

(<https://www.unipi.it/ateneo/organizzazione/strutture/dipartimenti/dipartimento-di-scienze-veterinarie-599999/>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

**PhD positions available No. 5**

of which:

**PhD positions with grant No. 4**

**PhD positions reserved to employees of IRSEA No. 1**

SC_VET01	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		
	1	University of Pisa	Nutraceutical administration of colostrum during the neonatal period: impact on calves' health
SC_VET02	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		
	1	University of Pisa	Impact of per- and polyfluoroalkyl substances (PFAS) on male fertility: the canine model

SC_VET03	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		
	1	Istituto Zooprofilattico Sperimentale del Lazio e della Toscana “Mariano Aleandri”	Aquaculture: Integrated approach for the prevention of diseases in aquaculture and the promotion of animal welfare

SC_VET04	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b>		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		
	1	Istituto Zooprofilattico Sperimentale del Lazio e della Toscana “Mariano Aleandri”	Integrated Pest Management (IPM) of honey bee diseases to reduce drug use in beekeeping

**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
  2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;
- In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications.

Candidates declaring their participation as public employees automatically RENOUNCE the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

SC_VET05	<b>Outcome of the selection procedure:</b> Ranking reserved to employees of IRSEA (legal head office <i>Apt, Quartiert Salignan</i> )	
	<b>PhD positions: No. 1</b>	
	<b>Positions reserved for candidates holding a formal employment contract, with a duration at least equal to that of the PhD programme, with a private or public institution in agreement with the University of Pisa (salary maintained) – art. 3 of the PhD competition call</b>	
	<b>No.</b>	<b>Financing institution</b>
<b>Research project / subject (optional)</b>		
<b>PhD Grants</b>		
1	IRSEA	Study of vomeronasal type-2 receptors (V2Rs) in mammals: Evaluation of their functionality, identification of ligands

**The information below is valid for all selection procedures listed above.**

**ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025: ALL**

or  
an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025**.

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

## **SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

### **Written examination**

The written test may only be taken in person in the Department of Veterinary Sciences of the University of Pisa. The written test will be aimed at assessing the academic prerequisites. It may be held in either Italian or English, at the candidate's choice and consists in writing an essay on general topics.

### **Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry. During the interview candidates' curriculum will also be discussed.

### **Web conference** YES

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

	Minimum grade	Maximum grade
<b><i>Curriculum</i></b>	0	20
<b>Candidates who have obtained a score up to 20 points are admitted to the written test.</b>		
<b><i>Written examination</i></b>	25	40
<b>Candidates who have obtained a score of at least 25 out of 40 points are admitted to the interview.</b>		
<b><i>Interview</i></b>	25	40
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 50 out of 100 points.</b>		

## **EXAM SCHEDULE**

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published **by July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## **RANKING LIST AND ENROLLMENT**

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## **INFO ON THE PHD PROGRAMME**

### **Overview and objectives:**

<https://www.unipi.it/didattica/corsi/dottorati/scienze-mediche-farmaceutiche-e-veterinarie/scienze-veterinarie/>

### **Website:**

<https://dottorato.vet.unipi.it/>

### **PhD Programme regulations:**

<https://www.unipi.it/phocadownload/regolamentiallegati/8dottscvet.pdf>

**PHD PROGRAMME IN SMART INDUSTRY**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**  
**partnered with University of Florence and University of Siena**

**Coordinator** professor Enzo Pasquale Scilingo

**Department:** Ingegneria dell'Informazione  
(<https://unimap.unipi.it/organizzazione/ente.php?d=519999@DIP>)

## COMPETITIONS

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

### PhD positions with grant No. 10

SMART_01	<b>Outcome of the selection procedure:</b> Single ranking list		
	<b>PhD positions: No. 10</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject</b> (optional)
	<b>PhD Grants</b>		
	1	University of Florence	
	1	University of Siena	
	2	Department of Ingegneria dell'Informazione of the University of Pisa, Department of Excellence 2023/2027	<i>Enabling Technologies for Industry 5.0</i>
	1	Department of Ingegneria Civile e Industriale of the University of Pisa	<i>Identification, analysis, and mitigation of low-frequency oscillations in direct and alternating current power grids</i>
	3	Regione Toscana - con risorse del PR FSE 2021/27 - nell'ambito di GiovaniSI ( <a href="http://www.giovanisi.it">www.giovanisi.it</a> ), il progetto della Regione Toscana per l'autonomia dei giovani, borse di dottorato "Pegaso" (CUP	

	I51J25000060006) con obbligo di effettuare un <b>soggiorno di studio e ricerca all'estero</b> per <b>almeno 6 (sei) mesi</b> ;	
1	Regione Toscana - con risorse del PR FSE 2021/27 - <b>nell'ambito di Giovanisì</b> ( <a href="http://www.giovanisi.it">www.giovanisi.it</a> ), il progetto della Regione Toscana per l'autonomia dei giovani, borse di dottorato "Pegaso" (CUP I51J25000060006) con obbligo di effettuare <b>un'esperienza di formazione/ricerca</b> in un contesto applicativo - quale un'impresa, un ente pubblico di ricerca, un altro ente/istituzione (non universitaria) di <b>almeno 3 (tre) mesi</b> e con obbligo di effettuare un <b>soggiorno di studio e ricerca all'estero</b> per <b>almeno 6 (sei) mesi</b> ;	<i>Artificial Intelligence-based processing of Big Data from Opportunistic Sensors for Technological Innovation in Agritech, Environmental, and Meteorological Applications</i>
1	Regione Toscana - con risorse del PR FSE 2021/27 - <b>nell'ambito di Giovanisì</b> ( <a href="http://www.giovanisi.it">www.giovanisi.it</a> ), il progetto della Regione Toscana per l'autonomia dei giovani, borse di dottorato "Pegaso" (CUP I51J25000060006) con obbligo di effettuare <b>un'esperienza di formazione/ricerca</b> in un contesto applicativo - quale un'impresa, un ente pubblico di ricerca, un altro ente/istituzione (non universitaria) di <b>almeno 3 (tre) mesi</b> e con obbligo di effettuare un <b>soggiorno di studio e ricerca all'estero</b> per <b>almeno 6 (sei) mesi</b> ;	<i>Advanced Digital Twin for Process Optimization and Management</i>

#### Further requirements

Beneficiaries of **"Pegaso" PhD grants** – academic year. 2025/26, funded thorough PR FSE 2021/27 within the framework of **Giovanisì** ([www.giovanisi.it](http://www.giovanisi.it)), the project of the Tuscany Region for youth empowerment, must also:

- be no older than 35 years of age at the time of application for the PhD call (up to and including the day of their 35th birthday);
- demonstrate an adequate knowledge of the English language (at least B2 level), which will be assessed by the examining board during the selection process. Candidates must present a valid B2 English level certificate (at least) prior to enrollment and acceptance of the Pegaso grant.
- declare their willingness to carry out a study and research stay abroad of at least 6 (six) months (12 (twelve) months for recipients of an international grant), and to acknowledge that failure to complete the mandatory mobility period may result in the revocation of the entire scholarship by the Tuscany Region. This declaration is not required for beneficiaries of topic-specific PhD grants for whom no international mobility was foreseen at the time of project submission;
- (only for recipients of PhD research project grants) formally declare their willingness to carry out a training/research experience of at least 3 (three) months in an applied context – such as companies, public research institutions, other public institutions (not universities) – and acknowledge that failure to carry out such experience may result in the revocation of the full scholarship by the Regione Toscana;
- declare their willingness to attend courses on soft skills development, knowledge of the labour market and research environment, and methodologies for data collection, analysis, and management (Data Science), as proposed by the implementing body over the three-year duration of the PhD programme.

**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;

In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications

Candidates declaring their participation as public employees automatically **RENOUCE** the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

**The information below is valid for all selection procedures listed above.**

## **ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) to be awarded **by 31 October 2025**:

Master's degree (D.M. 509):

- 20/S (specialistiche in fisica)
- 23/S (specialistiche in informatica)
- 24/S (specialistiche in informatica per le discipline umanistiche)
- 25/S (specialistiche in ingegneria aerospaziale e astronautica)
- 26/S (specialistiche in ingegneria biomedica)
- 27/S (specialistiche in ingegneria chimica)
- 29/S (specialistiche in ingegneria dell'automazione)
- 30/S (specialistiche in ingegneria delle telecomunicazioni)
- 31/S (specialistiche in ingegneria elettrica)
- 32/S (specialistiche in ingegneria elettronica)
- 33/S (specialistiche in ingegneria energetica e nucleare)
- 34/S (specialistiche in ingegneria gestionale)
- 35/S (specialistiche in ingegneria informatica)
- 36/S (specialistiche in ingegneria meccanica)
- 37/S (specialistiche in ingegneria navale)
- 38/S (specialistiche in ingegneria per l'ambiente e il territorio)
- 45/S (specialistiche in matematica)
- 50/S (specialistiche in modellistica matematico-fisica per l'ingegneria)
- 61/S (specialistiche in scienza e ingegneria dei materiali)
- 74/S (specialistiche in scienze e gestione delle risorse rurali e forestali)
- 77/S (specialistiche in scienze e tecnologie agrarie)
- 79/S (specialistiche in scienze e tecnologie agrozootecniche)

Master's degree (D.M. 270):

- LM-17 Fisica
- LM-18 Informatica
- LM-20 Ingegneria aerospaziale e astronautica
- LM-21 Ingegneria biomedica
- LM-22 Ingegneria chimica
- LM-25 Ingegneria dell'automazione
- LM-26 Ingegneria della sicurezza
- LM-27 Ingegneria delle telecomunicazioni
- LM-28 Ingegneria elettrica
- LM-29 Ingegneria elettronica
- LM-30 Ingegneria energetica e nucleare
- LM-31 Ingegneria gestionale
- LM-32 Ingegneria informatica
- LM-33 Ingegneria meccanica
- LM-34 Ingegneria navale
- LM-35 Ingegneria per l'ambiente e il territorio
- LM-40 Matematica
- LM-44 Modellistica matematico-fisica per l'ingegneria
- LM-53 Scienza e ingegneria dei materiali
- LM-66 Sicurezza informatica
- LM-69 Scienze e tecnologie agrarie
- LM-73 Scienze e tecnologie forestali ed ambientali

**Master's degree in** Ingegneria Industriale e dell'Informazione, oppure Matematica, Fisica, Informatica o Scienze Agrarie e Forestali

or

an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, to be awarded **by 31 October 2025**.

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

## SELECTION CRITERIA (*art. 4 of the PhD competition call*)

### Curriculum

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

### Interview

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry.

Candidates will have to demonstrate an adequate knowledge of the English language (at least equivalent to CEFR B2).

### **Web conference** SI

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

### Research project

**to be evaluated along with the curriculum and illustrated during the interview**

The research project, aimed at highlighting the candidate's planning and design skills, must be uploaded during the online application process.

The research project, of maximum 3 pages, excluding bibliography, must be presented in English, indicating: aim of the research project; methodology for the achievement of the objective; expected impact.

	Minimum grade	Maximum grade
<b><i>Curriculum</i></b>	42	60
<b>Candidates who have obtained a score of at least 42 out of 60 points are admitted to the written test.</b>		
<b><i>Interview</i></b>	28	40
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 70 out of 100 points.</b>		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published by **July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING LIST AND ENROLLMENT

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/scienze-ingegneristiche-ed-informatiche/smart-industry/>

### Website:

<https://smartindustry.unipi.it/>

### PhD Programme regulations:

<https://www.unipi.it/phocadownload/regolamentiallegati/regsmart.pdf>

## “PEGASO” GRANTS – EUROPEAN UNION AND REGIONAL PROVISIONS

Article 15 of the Regional Notice states regional notice states that public calls issued by the implementing body for admission to PhD programmes funded under the regional “Pegaso” scheme must include: the logos of the funding bodies (UE, Country, Region – Giovanisì) and PR FSE 2021/27 programme, as well as references to the relevant EU, national and regional legislation, as outlined below.

### Disposizioni dell'Unione europea e regionali:

- Regolamento (UE, Euratom) n. 2093/2020 del Consiglio del 17 dicembre 2020 che stabilisce il quadro finanziario pluriennale per il periodo 2021-2027;
- Visto il Regolamento (UE) 2021/1057 del Parlamento europeo e del Consiglio, del 24 giugno 2021, che istituisce il Fondo sociale europeo Plus (FSE+) e che abroga il regolamento (UE) n. 1296/2013;
- Visto il Regolamento (UE) n. 2021/1060 del Parlamento europeo e del Consiglio del 24 giugno 2021, recante le disposizioni comuni applicabili al Fondo europeo di sviluppo regionale, al Fondo sociale europeo Plus, al Fondo di coesione, al Fondo per una transizione giusta, al Fondo europeo per gli affari marittimi, la pesca e l'acquacoltura, e le regole finanziarie applicabili a tali fondi e al Fondo Asilo, migrazione e integrazione, al Fondo Sicurezza interna e allo Strumento di sostegno finanziario per la gestione delle frontiere e la politica dei visti, in particolare l'articolo 23, paragrafo 4;
- Visto il Regolamento (UE) n. 679/2016 del Parlamento europeo e del Consiglio, del 27 aprile 2016, relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali, nonché alla libera circolazione di tali dati e che abroga la direttiva 95/46/CE (regolamento generale sulla protezione dei dati);
- Vista la Decisione di esecuzione della Commissione C(2022)4787 finale del 15 luglio 2022 che approva l'Accordo di Partenariato con la Repubblica Italiana CCI 2021IT16FFPA001, relativo al ciclo di programmazione 2021-2027;
- Richiamata la Decisione della Commissione C(2022) n. 6089 del 19/08/2022 che approva il programma regionale "PR Toscana FSE+ 2021-2027", per il sostegno a titolo del Fondo sociale europeo Plus nell'ambito dell'obiettivo "Investimenti a favore dell'occupazione e della crescita" per la regione Toscana in Italia;
- Richiamata la DGR 1016 del 12/09/22 “Preso d'atto della Decisione della Commissione C(2022) n. 6089 del 19/08/2022 che approva il programma regionale "PR Toscana FSE+ 2021-2027", per il sostegno a titolo del Fondo sociale europeo Plus nell'ambito dell'obiettivo "Investimenti a favore dell'occupazione e della crescita" per la regione Toscana in Italia”;
- Richiamata la DGR 122/2023 e ssmmii con la quale è stato approvato il Provvedimento attuativo del PR FSE + 2021/27;
- Visti i criteri di selezione delle operazioni da ammettere al cofinanziamento del Fondo Sociale Europeo Plus nella programmazione 2021-2027 della Regione Toscana approvati dal Comitato di sorveglianza del Programma il 18/11/2022;
- Vista la Decisione n. 2 del 19 giugno 2023 e ssmmii che approva il Sistema di Gestione e Controllo del PR FSE+ 2021/27;
- Vista la Deliberazione della Giunta Regionale n. 610 del 05/06/2023 che ai sensi dell'Articolo 17 comma 1, della LR 32/2002 ss.mm.ii., approva il “Regolamento (UE) 2021/1060 – PR FSE+ 2021-2027. Manuale per i beneficiari – Disposizioni per la gestione degli interventi oggetto di sovvenzioni a valere sul PR FSE+ 2021-2027”;
- Visto il Programma Regionale di Sviluppo 2021-2025, adottato con Delibera di Giunta Regionale n.1392 del 07/12/2022;
- Visto l'articolo 64 del Regolamento (UE) 2021/1060 e dell'articolo 16 del regolamento (UE) 2021/1057 in materia di ammissibilità delle spese;
- Visto il DP.R. n. 22 del 5/02/2018 recante il “Regolamento sui criteri sull'ammissibilità delle spese per i programmi cofinanziati dai Fondi strutturali di investimento europei (SIE) per il periodo di programmazione 2014/2020” e s.m.i, a cui si fa riferimento nelle more dell'adozione della nuova norma nazionale in materia di ammissibilità delle spese per il periodo 2021-2027;
- Visti la Legge regionale 26 luglio 2002, n. 32 “Testo unico della normativa della Regione Toscana in materia di educazione, istruzione, orientamento, formazione professionale e lavoro.” e ss.mm.ii. e il Decreto del Presidente della Giunta Regionale 8 agosto 2003, n. 47/R e ss.mm.ii., recante "Regolamento di esecuzione della L.R. 26.7.2002, n. 32”;
- Visto il D.L. 30 aprile 2019, n. 34 (Misure urgenti di crescita economica e per la risoluzione di specifiche situazioni di crisi), convertito in L. n.58/2019, che prevede, per i soggetti di cui all'art. 35, specifici obblighi di pubblicazione delle informazioni relative a sovvenzioni, sussidi, vantaggi, contributi o aiuti, nei propri siti internet o analoghi portali digitali e nella nota integrativa al bilancio di esercizio e nell'eventuale consolidato;
- Vista la DGR 1321/2022 “Strategia regionale di specializzazione intelligente (S3) per il periodo di programmazione UE 2021/27”;
- Vista la DGR 1510/2023 "Strategia di specializzazione intelligente 2021-2027. Piano di Lavoro 2024-25”;
- Dato atto che nell'ambito del PR Toscana FSE+ 2021/27 e nel relativo PAD approvato con DGR 122/23 è ricompresa nell'Asse 2, l'attività 2.f.2. “Corsi di laurea e post laurea realizzati in rete”;
- Richiamata la Delibera di Giunta Regionale n. 74 del 27 gennaio 2025 che approva gli elementi essenziali dell'avviso “PR FSE 2021/27 – Corsi di dottorato realizzati in rete ciclo XLI – Borse Pegaso 2025” destinando euro 6.000.000,00 alla sua attuazione.
- Dato atto che il contributo è soggetto a monitoraggio di spesa e rendicontazione da effettuare secondo le modalità e le scadenze del PR FSE 2021/27;
- Dato atto della somma assegnata alla Regione Toscana come da PR FSE 2021/27, approvato con Decisione della Commissione C(2022) n. 6089 del 19/08/2022, e da Piano attuativo di dettaglio (PAD) del PR FSE 2021/27 adottato con delibera della Giunta n. 122/2023, il

relativo accertamento di entrata sarà assunto sulla base di estrazioni periodiche e comunicazione ai singoli settori competenti sul bilancio finanziario gestionale 2025/27;

- Vista la Deliberazione della Giunta Regionale n.1 del 08/01/2025 con cui viene approvato il Documento Tecnico di Accompagnamento al Bilancio di Previsione 2025-2027 e del Bilancio Finanziario Gestionale 2025-2027.
- Dato atto che l'intervento è stato inserito nel cronoprogramma degli interventi da realizzare con il PR FSE 2021/27 nel 2025.



**PHD PROGRAMME IN HISTORY**  
**ACADEMIC YEAR 2025/2026 (41<sup>ST</sup> CYCLE)**

**Coordinator** professor *Andrea Addobbat*

**Department:** Department of Civiltà e Forme del Sapere  
<https://unimap.unipi.it/organizzazione/ente.php?d=429999@DIP>

**IMPORTANT:** At the end of the selection process, additional PhD grants may be made available, by scrolling down the ranked list, if additional fundings become available within two months from the start date of the PhD activities. Any such increase in the number of PhD grants will be formalized through Rector's decrees published at <https://www.unipi.it/bando2025-26/>.

## COMPETITIONS

### PhD positions with grant No. 4

STORIA_01	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 2</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	2	University of Pisa	Historical topics in the broadest sense, both geographically and chronologically (from the ancient Near East and ancient Egypt, through the Greco-Roman world in classical antiquity, to the present day)
STORIA_02	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 1</b> of which		
	<b>No.</b>	<b>Financing institution</b>	<b>Research project / subject (optional)</b>
	<b>PhD Grants</b>		
	1	Department of Civiltà e Forme del Sapere of the University of Pisa, Department of Excellence 2023/2027	A sense in the disorder. Practising complexity
STORIA_03	<b>Outcome of the selection procedure:</b> Single ranking list for research project		
	<b>PhD positions: No. 2</b> of which		

No.	Financing institution	Research project / subject (optional)
<b>PhD Grants</b>		
1	Istituto Domus Mazziniana	The history of democracy and republicanism from the age of revolutions to contemporary society, with particular attention to Mazzinianism in its various forms, including within the European and international context

**N.B. With reference to all the above-mentioned selections, candidates who, by the application deadline, hold a permanent or fixed-term employment contract with a public institution with a duration at least equal to that of the PhD programme, can choose whether:**

1. apply as a public employee, thereby automatically renouncing the PhD grant;
  2. apply for a position with PhD grant, without declaring their status as public employee during the online application process;
- In the first case, public candidates are required to declare their status during the online application process by selecting the relevant option in the drop-down menu available on the Alice platform <https://www.studenti.unipi.it>. They also upload a self-declaration attesting their employment with the public institution, attached to the call for applications (**Attachment 1**).
- Candidates declaring their participation as public employees automatically **RENOUNCE** the PhD grant, and ranking dispositions specified in art. 5 of the current competition call will be applied. **Once this choice is done it is irrevocable and cannot be modified at a later time.**

### **The information below is valid for all selection procedures listed above.**

#### **ADMISSION REQUIREMENTS** (*art 3 of the PhD competition call*)

Master's degree (second-cycle degree pursuant to Ministerial Decrees 270/2004, 509/1999, or pre-509/1999 system) **to be awarded by 31 October 2025: ALL**

or

an equivalent academic qualification pursuant to Ministerial Decree of 9 July 2009, **to be awarded by 31 October 2025.**

**If the candidate has not yet obtained the degree, they must attach a transcript of records listing all completed exams and corresponding grades.**

**Please note:** For this purpose, during the online application process, candidates are required to upload a self-declaration concerning the academic degree obtained or to be obtained, in accordance with Presidential Decree No. 445/2000, attached to the call for applications.

#### **SELECTION CRITERIA** (*art. 4 of the PhD competition call*)

##### **Curriculum**

The *curriculum*, signed and accompanied by a copy of a valid identification document, must be uploaded only during the online application process. The curriculum must include details of the applicant's educational background, professional experience, and research activities. **Candidates are strongly encouraged to submit any documents they consider relevant for the evaluation of their curriculum.**

##### **Written examination**

The written test will be aimed at assessing the academic prerequisites. The test may be taken in either Italian or English, at the candidate's choice. It will have to verify the candidate's ability to write a well-structured and argued text on a relevant historical theme, possibly dealing with the period considered in the research project.

##### **Interview**

The interview will assess candidates' knowledge, their research aptitude, willingness to undertake training activities both in Italy and abroad, and motivation for scientific inquiry. It must verify the organicity, feasibility and originality of the research project. The interview will include an assessment of knowledge of the English language.

##### **Web conference** SI

Candidates wishing to attend the interview via video conference are required to *upload* the VIDEO Attachment **exclusively during the online application process**. Selection Board will examine any request received after the

application deadline (July, 18<sup>th</sup> 2025), and will decide whether to accept them, considering the technical time required to organise the video conference interview.

### **Research project**

#### **to be evaluated along with the *curriculum* and illustrated during the interview**

The research project, aimed at highlighting the candidate's planning and design skills, must be uploaded **during the online application process**. The research project must not exceed 15,000 characters (including spaces) and must include an essential bibliography (not included in the maximum number of characters).

### **Concorso **STORIA02****

The research project proposed by the candidate must be congruent with the topic of the Project entitled: 'A sense in disorder. Practising complexity'. The aim of the project is to study how human beings develop strategies for living with disorder. Understanding **disorder** as one of the categories by which individuals narratively structure their historical becoming, the project aims to explore the ways in which **past societies** have dealt with what they interpreted as disorder, focusing on **the processes of establishment and contestation of norms**; and reflecting on the ways in which the environment and **the information society** challenge the human capacity to deal with complexity. For more information on the project 'A Sense in Disorder. Practising complexity', see the full documentation on the webpage: <https://www.cfs.unipi.it/dipartimento/dipartimento-dieccellenza/progetto-di-eccellenza-2023-2027/>.

### **Concorso **STORIA03****

Ai fini della presentazione del progetto è utile precisare che nel corso degli ultimi due decenni gli studi su Giuseppe Mazzini hanno conosciuto una nuova stagione di Interessi iniziata dai contributi di Salvo Mastellone, che ha sottolineato la dimensione internazionale del suo pensiero che lo rende uno dei principali pensatori della “democrazia ottocentesca” accanto a personaggi come *John Stuart Mill*, *Alexis de Tocqueville* e *Karl Marx*. In particolare, grazie agli studi di *Martin Wight*, *Nadia Urbinati*, *Eugenio Biagini* e *Christopher A. Bayly* Mazzini è stato individuato come il padre della tradizione politica del “patriottismo democratico” e del “cosmopolitismo delle nazioni” che avrebbe contato nel 20 secolo esponenti come *Woodrow Wilson*, *Mohāndās Gāndhī* e *Nelson Mandela*. Un ulteriore filone di studi, rappresentato in particolare dagli studi raccolti nell'Annale Il Risorgimento della Storia d'Italia, Einaudi curato da *Paul Ginsborg* e Alberto Mario Banti e nei volumi *Le guerre degli Italiani*, diretti da Mario Isnenghi ha evidenziato il ruolo centrale occupato da Mazzini, al di là del contingente fallimento dei propri progetti politici, nella costruzione del linguaggio “nazional-patriottico” che sarebbe diventato un elemento cruciale non solo nel successo del Risorgimento italiano ma anche nell'affermazione dell'idea di nazione come principio di legittimità dei nuovi Stati sorti dalla disgregazione dei grandi imperi compositi tra '800 e '900. Infine, un ultimo filone di studi ha segnalato l'importanza di Mazzini nella tradizione di pensiero politico del Repubblicanesimo occidentale e più in generale nella costruzione di un'etica pubblica condivisa in grado di conciliare la promozione dell'individuo e le esigenze della comunità. A partire dai citati filoni di studio, così come dal confronto con la storiografia classica sul tema, la ricerca potrà svilupparsi sia in riferimento alla contestualizzazione del pensiero e dell'azione di Giuseppe Mazzini nel più ampio contesto internazionale dei movimenti rivoluzionari democratici sviluppatasi nel mondo transatlantico a partire dalla seconda metà del XVIII secolo, sia nell'approfondimento dei filoni politici e culturali di lunga durata che hanno ispirato Mazzini e nei quali va inserita la sua riflessione, sia, infine nell'analizzare i movimenti e le correnti politiche e culturali che nel corso del XIX e XX secolo hanno, in forme diverse, preso ispirazione o si sono confrontate con il pensiero e la figura di Giuseppe Mazzini.

	Minimum grade	Maximum grade
<b><i>Curriculum</i></b>	21	30
<b>Candidates who have obtained a score of at least 21 out of 30 points are admitted to the written test.</b>		
<b><i>Written examination</i></b>	21	30
<b>Candidates who have obtained a score of at least 21 out of 30 points are admitted to the interview.</b>		
<b><i>Interview</i></b>	35	50
<b>Eligibility for inclusion in the final ranking list is achieved with a minimum score of 77 out of 110 points.</b>		

## EXAM SCHEDULE

Tests will take place in the period **between July, 23<sup>rd</sup> and August, 1<sup>st</sup> 2025** and **between August 25<sup>th</sup> and September, 10<sup>th</sup> 2025**.

For each one of the selections, test schedule will be published by **July 10<sup>th</sup>, 2025** on <https://www.unipi.it/bando2025-26/>, including information on the examination venue.

## RANKING LIST AND ENROLLMENT

Article 5 of the call for applications outlines:

- the procedures for drawing up the ranking list
- publication date of the ranking list
- procedures and deadlines for enrollment
- procedure and deadlines for reallocating ranking list positions in case of withdrawal or non-enrollment.

## INFO ON THE PHD PROGRAMME

### Overview and objectives:

<https://www.unipi.it/didattica/corsi/dottorati/scienze-umanistiche/storia/>

### Website:

<https://dottorato.unipi.it/index.php/it/home-ita/item/23.html>

### PhD Programme regulations:

<http://alboufficiale.unipi.it/wp-content/uploads/2018/11/Storia.pdf>