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Regione Toscana

GIOVANI SI

Annex 2 to Call for applications for PhD programmes at the University of Siena, Selection notice 2, 42nd cycle, academic year 2026-2027

Schedules

Deadline for applications

24 July 2026, 14:00 hrs (*Central European Summer Time - CEST*)

Schedules of the PhD courses with the description of the typology of positions and modalities of selection

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PhD in	Biochemistry and Molecular Biology BiBiM 2.0 Administrative seat Università degli Studi di Siena - in collaboration with: Università di Pisa, Università degli Studi di Firenze e CNR IFC
Coordinator	Annalisa Santucci – annalisa.santucci@unisi.it
Department	Biotechnologie, chimica e farmacia DBCF
Attendance	Mandatory
Open positions	18



	n.	Funding institution	Topic
Positions with scholarship			
A.	2	Università di Siena	No research topic restrictions
B.	1	Università di Firenze	No research topic restrictions
C.	1	Università di Pisa	No research topic restrictions
D.	1	CNR-IFC	No research topic restrictions
E.	2	Regione Toscana (Pegaso)*	No research topic restrictions
F.	1	Regione Toscana (Pegaso)*	Circular Bioeconomy ONE-HEALTH multipurpose, multiproduct approaches (specific research topic, 3-month traineeship)
G.	1	Regione Toscana (Pegaso)*	From raw to functional Fermentation Strategies for Bioactive-Rich Sustainable Healthy- Foods (specific research topic, 3-month traineeship)
H.	1	Regione Toscana (Pegaso)*	New Frontiers in Cancer Therapy: Preclinical Validation and Efficacy Profile of Novel Bioactive Entities (specific research topic, 3-month traineeship)
I.	1	Inta Srl	Development and Validation of Biomolecular Recognition Strategies for Point-of-Care Diagnostics
Positions covered by apprenticeship contract			
J.	1	Magi's Lab Srl	Development of an Integrated Multi-Omics, Data Science, and Quality Management Platform for Personalized Prevention and Wellness Optimization in Healthy Individuals: Scientific, Regulatory, and Translational Perspectives
K.	1	Ambra Srl	Extraction, Characterization and Application of Nanovesicle Enriched Extracts from Plant Sources for Cosmetic, Nutraceutical and Dermatological Applications
Positions without scholarship			
L.	4	---	No research topic restrictions
Positions reserved for employees			
M.	1	Magi's Lab Srl	Clinical Genomics and Multi-Omics Integration for Precision Medicine: From Variant Interpretation to Translational Diagnostics

***) The Pegaso scholarships are financed with ESF PR 2021/27 funds and are part of Giovanisì (www.giovanisi.it), the Regione Toscana project for the empowerment of young people**

Pursuant to Article 8, paragraph 2 of the selection notice, all PhD students are required to undertake a period of study and research abroad of at least 180 days at suitable facilities identified in agreement with their supervisor. Only for serious and well-justified reasons may the Academic Board approve an exemption from this commitment.

Type of rankings	<ul style="list-style-type: none"> • Single ranking list for all positions without research topic restrictions (positions A, B, C, D, E, L) • Stand-alone ranking lists for each position with Pegaso scholarship with specific topic (positions F, G, H) • Stand-alone ranking list for the position with scholarship funded by Inta srl (position I) • Stand-alone ranking lists for each position covered by apprenticeship contracts (positions J, K) • Stand-alone ranking list for position reserved for employees (position M)
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<p>Documents required for evaluation (to be attached during online application)</p>	<ul style="list-style-type: none"> • Curriculum vitae et studiorum, including a declaration of the qualification obtained, with the awarding institution, and a list of any publications (attention – the CV must be signed and include the following statement: I hereby authorize the treatment of my personal data present in my Curriculum Vitae, according to the Italian Legislative Decree 196/2003 and the EU Regulation 2016/679.) • Research project (max. 3 pages, including bibliography) • English language proficiency certification at level B2, if available (for Pegaso scholarships, the mandatory B2 level will be verified by the selection committee) • Only for candidates applying for the position reserved for employees: Employment contract or letter of commitment from the company, guaranteeing employment for the entire duration of the PhD course (1 November 2026 – 31 October 2029). <p><u>Candidates who achieved (or will achieve by 31 October 2026) the diploma di laurea at an Italian university</u> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of <i>laurea</i> – <i>vecchio ordinamento/specialistica/magistrale</i>; 3. degree course name 4. list of examinations with votes 5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p><u>Candidates who achieved (or will achieve by 31 October 2026) their degree at a foreign university</u> (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of degree (min. duration four years) – <i>Bachelor’s degree/Master’s degree</i> 3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> • transcript – certification of the title with the list of exams and votes – with a translation in Italian or English • Diploma supplement (if available). <p>ATTENTION: candidates with a foreign degree admitted after selection MUST present a copy of the original degree and proof of authenticity of the degree (DOV, CIMEA or diploma supplement) upon matriculation; please carefully read art. 5, paragraph 8 of the selection notice).</p>
<p>Web site for further information</p>	<p>https://www.dbcf.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca/dottorato-di-ricerca-biochemistry-and-molecular-biology-0</p>
<p>Selection modalities</p>	<p>Evaluation of qualifications and research project Oral examination (in English language)</p>
<p>Admission requirements</p>	<p>All master’s degrees (lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento)</p>
<p>Exam procedures</p>	<p>The overall mark is the sum of the marks obtained in the assessment of titles, the research project and the oral interview. The minimum score for eligibility is 60/100.</p> <p>Evaluation of qualifications and research project: up to maximum 25 points. The presence of candidates is not required for the evaluation of qualifications and the research project. The minimum score for admission to the oral examination is 15 points out of a maximum of 25 points.</p> <p>Oral examination: up to maximum 75 points. The purpose of the interview is to discuss the submitted research project and to assess the candidate's background, ability and aptitude for scientific research and general knowledge of the research topic, if required. Furthermore, the English knowledge will be assessed during the interview.</p>



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	<p>The interview will involve the presentation and discussion of the proposed research project and will be conducted entirely in English. It will have a maximum duration of 15 minutes, comprising 10 minutes for the presentation and 5 minutes for the discussion. The interview will be conducted by videoconference.</p> <p>The minimum score to pass the oral examination is 45 points out of a maximum of 75 points.</p> <p>The results of each test will be published on the PhD website and will be communicated to the participants by the selection committee.</p>
Dates of evaluation and exam(s)	<p>Evaluation of qualifications and research project: 7 September 2026</p> <p>Oral examination: 14 and 15 September 2026, via Google Meet at the following link: https://meet.google.com/hck-tgdc-uiy</p>
Selection committee	<p>The composition of the committee will be published after the deadline for submitting applications.</p>

PhD in	Chemical and Pharmaceutical Sciences
Coordinator	Stefania Butini - stefania.butini@unisi.it
Department	Biotechnologie, chimica e farmacia DBCF
Attendance	Not mandatory
Open positions	1

	n.	Funding institution	Topic
Positions with scholarship			
A.	1	Università di Siena	Computational Design of Next-Generation Organic Materials: From Molecular Properties to Optoelectronic Device Performance”

Pursuant to Article 8, paragraph 2 of the selection notice, all PhD students are required to undertake a period of study and research abroad of at least 180 days at suitable facilities identified in agreement with their supervisor. Only for serious and well-justified reasons may the Academic Board approve an exemption from this commitment.

Type of rankings	Single ranking list
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> • Curriculum vitae et studiorum, including a declaration of the qualification obtained, with the awarding institution, and a list of any publications (attention – the CV must be signed and include the following statement: <i>I hereby authorize the treatment of my personal data present in my Curriculum Vitae, according to the Italian Legislative Decree 196/2003 and the EU Regulation 2016/679</i>) • Research project (max. 1500 words) • Abstract of the Master’s Degree thesis (Second Cycle Degree / Vecchio Ordinamento or equivalent foreign qualification), translated into Italian, English, or French (max. 1500 words) • Letters of recommendation (maximum of two) from Italian or international university professors and/or research professionals. The email addresses of the referees must be provided (please ensure that the correct email addresses are entered); referees will receive an automated request email and must upload their letters by 29 July 2026 (optional). • English language proficiency certification at level B2, if available <p>Candidates who achieved (or will achieve by 31 October 2026) the diploma di laurea at an Italian university have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>; 3. degree course name 4. list of examinations with votes 5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p>Candidates who achieved (or will achieve by 31 October 2026) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of degree (min. duration four years) – <i>Bachelor’s degree/Master’s degree</i> 3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> • transcript – certification of the title with the list of exams and votes – with a translation in Italian or English • Diploma supplement (if available). <p>ATTENTION: candidates with a foreign degree admitted after selection MUST present a copy of the original degree and proof of authenticity of the degree (DOV, CIMEA or diploma</p>

	supplement) upon matriculation; please carefully read art. 5, paragraph 8 of the selection notice).
Web site for further information	https://www.dbcf.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca/dottorato-di-ricerca-chemical-and-pharmaceutical-scienc-0
Selection modalities	Evaluation of qualifications Oral examination
Admission requirements	All masters' degrees (Master's, specialized, single-cycle and old system degrees)
Exam procedures	<p>The overall mark is the sum of the marks obtained in the assessment of titles, the research project and the oral interview. The minimum score for eligibility is 60/100.</p> <p>Evaluation of qualifications: Candidates are not required to be present during the evaluation of qualifications and the research project. The minimum score required to be admitted to the oral examination is 35 points out of a maximum of 50 points.</p> <p>Oral examination: up to a maximum of 50 points. The interview is aimed at assessing the candidate's core background, their skills and aptitude for scientific research, as well as their knowledge and expertise in subjects related to the project topics. An English language proficiency test will also be conducted. The use of presentations/slides and computer aids is not permitted. Upon request and subject to the Committee's decision, the interview may be conducted via videoconference.</p> <p>The results of each examination phase will be published on the PhD website, and such publication shall constitute official notification for all legal purposes.</p>
Dates of evaluation and exam(s)	Evaluation of qualifications: to be determined Oral examination: 4 September 2026 10:00 hrs(CEST) Polo Didattico di San Miniato (Siena)
Selection committee	The composition of the committee will be published after the deadline for submitting applications.

PhD in	Economics Administrative seat Università degli Studi di Siena - in collaboration with: Università di Pisa e Università degli Studi di Firenze
Coordinator	Massimo Andrea D'Antoni – massimo.dantoni@unisi.it
Department	Economia politica e statistica DEPS
Attendance	Obbligatoria
Open positions	4



	n.	Funding institution	Topic
Positions with scholarship			
A.	2	Regione Toscana (Pegaso)*	No research topic restrictions
B.	1	Regione Toscana (Pegaso)*	The effectiveness of innovation-oriented industrial policies (specific research topic, 3-month traineeship)
C.	1	Regione Toscana (Pegaso)*	The impact of artificial intelligence on work and employment (specific research topic, 3-month traineeship)

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Pursuant to Article 8, paragraph 2 of the selection notice, all PhD students are required to undertake a period of study and research abroad of at least 180 days at suitable facilities identified in agreement with their supervisor. Only for serious and well-justified reasons may the Academic Board approve an exemption from this commitment.

Type of rankings	<ul style="list-style-type: none"> • Single ranking list for positions with no research topic restrictions (position A) • Stand-alone ranking lists for each position with specific research topic (positions B, C)
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> • Curriculum vitae et studiorum, including a declaration of the qualification obtained, with the awarding institution, and a list of any publications (attention – the CV must be signed and include the following statement: <i>I hereby authorize the treatment of my personal data present in my Curriculum Vitae, according to the Italian Legislative Decree 196/2003 and the EU Regulation 2016/679</i>) • Research project (max. 8 pages, in English) • Abstract of the Master's Degree thesis (Second Cycle Degree / Vecchio Ordinamento or equivalent foreign qualification), translated into Italian, English, or French (max. 3 pages) • Letters of recommendation (maximum of two) from Italian or international university professors and/or research professionals. The email addresses of the referees must be provided (please ensure that the correct email addresses are entered); referees will receive an automated request email and must upload their letters by 29 July 2026 (optional). • English language proficiency certification at level B2, if available (for Pegaso scholarships, the mandatory B2 level will be verified by the selection committee) <p>Candidates who achieved (or will achieve by 31 October 2026) the diploma di laurea at an Italian university have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>; 3. degree course name 4. list of examinations with votes 5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p>Candidates who achieved (or will achieve by 31 October 2026) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:</p>

	<ol style="list-style-type: none"> 1. University issuing the degree 2. type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i> 3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> • transcript – certification of the title with the list of exams and votes – with a translation in Italian or English • Diploma supplement (if available). <p>ATTENTION: candidates with a foreign degree admitted after selection MUST present a copy of the original degree and proof of authenticity of the degree (DOV, CIMEA or diploma supplement) upon matriculation; please carefully read art. 5, paragraph 8 of the selection notice).</p>
Web site for further information	https://phdeconomics.unisi.it/
Selection modalities	Evaluation of qualifications Evaluation of research project Oral examination
Admission requirements	All masters' degrees (Master's, specialized, single-cycle and old system degrees)
Exam procedures	<p>The overall mark is the sum of the marks obtained in the assessment of titles, the research project and the oral interview. The minimum score for eligibility is 60/100.</p> <p>Evaluation of qualifications and research project: up to a maximum of 70 points. Candidates are not required to be present during the evaluation of qualifications and the research project. The minimum score required to be admitted to the oral examination is 42 points out of a maximum of 70 points.</p> <p>Oral examination: up to a maximum of 30 points. The minimum score to pass the oral examination is 18 points out of a maximum of 30 points. The purpose of the interview is to discuss the submitted research project and to assess the candidate's background, ability and aptitude for scientific research and general knowledge of the research topic, if required. Furthermore, the English knowledge will be assessed during the interview.</p> <p>The results of each test will be published on the PhD website and will be communicated to the participants by the selection committee.</p>
Dates of evaluation and exam(s)	Evaluation of qualifications and research project: 5 August 2026 Oral examination: 2 September 2026, 10.00 hrs (CEST) via <i>Google Meet</i> at the following link https://meet.google.com/hgv-vysw-iek
Selection committee	The composition of the committee will be published after the deadline for submitting applications.

PhD in	Philology and Literary Criticism Administrative seat Università degli Studi di Siena - in collaboration with: Università di Pisa e Università degli Studi di Firenze
Coordinator	Maria Rita Digilio – mariarita.digilio@unisi.it
Department	Filologia e critica delle letterature antiche e moderne DFCLAM
Curricula	Curriculum 1 –Medieval philology Curriculum 2 – Modern literatures Curriculum 3 – Anthropology of the ancient world
Attendance	Not mandatory
Open positions	7



	n.	Funding institution	Topic
Positions with scholarship			
A.	1	Università di Siena	No research topic restrictions
B.	1	DFCLAM UniSI /Eccellenza	No research topic restrictions
C.	2	Università per Stranieri di Siena	No research topic restrictions
D.	1	Regione Toscana (Pegaso)*	No research topic restrictions
E.	1	Regione Toscana (Pegaso)*	Web-based lexicography and philology of Old Italian (specific research topic, 3-month traineeship)
F.	1	Regione Toscana (Pegaso)*	Cultural interactions in the Mediterranean: people, objects, ideas (specific research topic, 3-month traineeship)

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Pursuant to Article 8, paragraph 2 of the selection notice, all PhD students are required to undertake a period of study and research abroad of at least 180 days at suitable facilities identified in agreement with their supervisor. Only for serious and well-justified reasons may the Academic Board approve an exemption from this commitment.

Type of rankings	<ul style="list-style-type: none"> Ranking list for per curriculum 1 (1 scholarship position A) Rankin list for curriculum 2 (1 scholarship position B, 1 scholarship position C, 1 scholarship position D) Ranking list for per curriculum 3 (1 scholar ship position C) Stand-alone ranking lists for each position with specific research topic (positions E, F) <p>N.B. Candidates may apply for multiple ranking lists. Candidates for the “Modern Literatures” and “Medieval Philology” curricula who possess an appropriate profile may also apply for the position with specific topic “Web-based lexicography and philology of Old Italian”; candidates for the “Anthropology of the ancient world” curriculum may also apply for the position with specific topic “Cultural interactions in the Mediterranean: people, objects, ideas”.</p>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> Curriculum vitae et studiorum, including a declaration of the qualification obtained, with the awarding institution, and a list of any publications (attention – the CV must be signed and include the following statement: <i>I hereby authorize the treatment of my personal data present in my Curriculum Vitae, according to the Italian Legislative Decree 196/2003 and the EU Regulation 2016/679</i>) Research project (max. 10 pages, bibliography included) Letters of recommendation (maximum of two) from Italian or international university professors and/or research professionals. The email addresses of the referees must be provided (please ensure that the correct email addresses are entered); referees will receive an automated request email and must upload their letters by 29 July 2026 (optional).

	<ul style="list-style-type: none"> • English language proficiency certification at level B2, if available (for Pegaso scholarships, the mandatory B2 level will be verified by the selection committee) <p><u>Candidates who achieved (or will achieve by 31 October 2026) the diploma di laurea at an Italian university</u> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>; 3. degree course name 4. list of examinations with votes 5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p><u>Candidates who achieved (or will achieve by 31 October 2026) their degree at a foreign university</u> (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of degree (min. duration four years) – <i>Bachelor’s degree/Master’s degree</i> 3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> • transcript – certification of the title with the list of exams and votes – with a translation in Italian or English • Diploma supplement (if available). <p>ATTENTION: candidates with a foreign degree admitted after selection MUST present a copy of the original degree and proof of authenticity of the degree (DOV, CIMEA or diploma supplement) upon matriculation; please carefully read art. 5, paragraph 8 of the selection notice).</p>
Web site for further information	https://www.dfclam.unisi.it/it/ricerca/dottorati-di-ricerca/filologia-e-critica
Selection modalities	<p>Written examination Evaluation of qualifications and research project Oral examination</p>
Admission requirements	<p>All masters’ degrees (Master’s, specialized, single-cycle and old system degrees) Perfect knowledge of the Italian language (mother tongue or C2 level)</p>
Exam procedures	<p>The overall score is given by the sum of scores achieved in the single evaluations and exam(s). The minimum score for eligibility is 60/100. All eligible candidates must achieve the minimum score in each evaluation.</p> <p>Written examination: up to a maximum of 40 points. For the curricula in Medieval Philology (curriculum 1) and Modern Literatures (curriculum 2): Starting from the analysis and commentary of a verse or prose text from Romance, Germanic, or Medieval Latin medieval literatures (curriculum 1) and modern European literatures (curriculum 2), candidates must demonstrate historical, philological, critical, and methodological skills. Candidates may choose from a selection of texts belonging to the main medieval literatures (curriculum 1) and the main modern and contemporary European literatures (curriculum 2). For the curriculum in Anthropology of the ancient world (curriculum 3): Candidates must translate a passage of their choice in either Greek or Latin, adding a commentary in which they must demonstrate historical, philological, critical, methodological, and anthropological skills.</p> <p>For the scholarship with specific topic “Web-based lexicography and philology of Old Italian”, candidates will take the Old Italian written exam scheduled for the “Modern Literatures” or “Medieval Philology” curriculum.</p>

	<p>For the scholarship with specific topic “Cultural interactions in the Mediterranean: people, objects, ideas”, candidates will take the written exam scheduled for the “Anthropology of the ancient world” curriculum.</p> <p>The minimum score to pass the written examination is 25 points out of a maximum of 40 points.</p> <p>Evaluation of qualifications and research project: up to a maximum of 20 points.</p> <p>The selection committee will examine the applications of candidates who have achieved at least the minimum score on the written exam (25 out of 40 points). Candidates are not permitted to be present during the evaluation.</p> <p>In the evaluation of qualifications (CV, letter(s) of recommendation) and the research project, the committee will assign the following weight to each item:</p> <ul style="list-style-type: none"> • up to a maximum of 6 points for the Curriculum Vitae et studiorum; • up to a maximum of 12 points for the research project; • up to a maximum of 2 points for the letter(s) of recommendation (up to 1 point per letter). <p>The minimum score to pass the evaluation of qualifications and research project is 10 points out of a maximum of 20 points.</p> <p>Oral examination: up to a maximum of 40 points.</p> <p>In addition to revisiting the written paper and completing the assessment of methodological skills, the oral examination will focus primarily on the discussion of the research project. Indeed, the oral exam aims to assess the candidate's research aptitude. Candidates residing or domiciled abroad, in the event of proven inability to attend on the interview date, may arrange an online interview via videoconference. In this case, the University of Siena assumes no responsibility for any failure to complete the exam due to technical impediments of any nature. The Committee will ensure that the necessary conditions to guarantee the regular conduct of the exam are met (verification of identity and fairness of the interview).</p> <p>For the scholarships with specific topic “Web-based lexicography” and “Cultural interactions in the Mediterranean: people, objects, ideas”, the interview also aims to verify the candidate's willingness to accept the research topic and their skills to carry out the project.</p> <p>For all candidates, the oral examination will also serve to verify knowledge of a second foreign language other than English (to be chosen by the candidate from French, German, or Spanish).</p> <p>The minimum score to pass the oral examination is 25 points out of a maximum of 40 points.</p> <p>The results of each exam will be published on the PhD website and will be entered by the selection committee into the candidate's notes within their personal area on the online secretariat.</p>
<p>Dates of evaluation and exam(s)</p>	<p>Written examination: 7 September 2026, 09:00 (CEST), in persona t the Dipartimento di Filologia e critica delle Letterature antiche e moderne, Palazzo San Niccolò, Via Roma 56, Siena.</p> <p>The results of the written examination and the evaluation of qualifications and reserach projcet will be published by 9 September 2026 on the PhD website https://www.dfclam.unisi.it/it/ricerca/dottorati-di-ricerca/filologia-e-critica/ammissione, with the list of candidates admitted to the oral examination and the schedule of the oral examinations.</p> <p>Oral examination: 14 and 15 September 2026 in persona at the Dipartimento di Filologia e critica delle Letterature antiche e moderne, Palazzo San Niccolò, Via Roma 56, Siena.</p>
<p>Selection committee</p>	<p>The composition of the committee will be published after the deadline for submitting applications.</p>

PhD in	Experimental Physics
Coordinator	Alessandro Cerri - alessandro.cerri@unisi.it
Department	Scienze fisiche, della Terra e dell'ambiente DSFTA
Attendance	Mandatory
Open positions	1

	n.	Funding institution	Research topic
Positions with scholarship			
A.	1	Agenzia Spaziale Italiana	Instrument development and mission study for the observation of the Earth's magnetosphere and space weather from the Moon using Energetic Neutral Atoms with Micro-Pattern gaseous detectors

Pursuant to Article 8, paragraph 2 of the selection notice, all PhD students are required to undertake a period of study and research abroad of at least 180 days at suitable facilities identified in agreement with their supervisor. Only for serious and well-justified reasons may the Academic Board approve an exemption from this commitment.

Type of rankings	• Single ranking list
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> • Curriculum vitae et studiorum, including a declaration of the qualification obtained, with the awarding institution, and a list of any publications (attention – the CV must be signed and include the following statement: I hereby authorize the treatment of my personal data present in my Curriculum Vitae, according to the Italian Legislative Decree 196/2003 and the EU Regulation 2016/679) • Research project (max. 2 pages) • Abstract of the Master's Degree thesis (Second Cycle Degree / Vecchio Ordinamento or equivalent foreign qualification), translated into Italian, English, or French (max. 3 pages) • Letters of recommendation (maximum of two) from Italian or international university professors and/or research professionals. The email addresses of the referees must be provided (please ensure that the correct email addresses are entered); referees will receive an automated request email and must upload their letters by 29 July 2026 (optional). • Cover letter (max. 2 pages) • English language proficiency certification at level B2, if available <p>Candidates who achieved (or will achieve by 31 October 2026) the diploma di laurea at an Italian university have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>; 3. degree course name 4. list of examinations with votes 5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p>Candidates who achieved (or will achieve by 31 October 2026) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i> 3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> • transcript – certification of the title with the list of exams and votes – with a translation in Italian or English • Diploma supplement (if available). <p>ATTENTION: candidates with a foreign degree admitted after selection MUST present a copy</p>



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	of the original degree and proof of authenticity of the degree (DOV, CIMEA or diploma supplement) upon matriculation; please carefully read art. 5, paragraph 8 of the selection notice).
Web site for further information	https://www.dsfta.unisi.it/it/didattica/post-laurea/dottorati/dottorato-fisica-sperimentale
Selection modalities	Evaluation of qualifications Evaluation of research project Oral examination
Admission requirements	LM-17 Fisica LM-21 Ingegneria biomedica LM-22 Ingegneria chimica LM-28 Ingegneria elettrica LM-29 Ingegneria elettronica LM-32 Ingegneria informatica LM-40 Matematica LM-54 Scienze chimiche LM-58 Scienze dell'universo
Exam procedures	<p>The overall mark is the sum of the marks obtained in the assessment of titles, the research project and the oral interview. The minimum score for eligibility is 60/100.</p> <p>Evaluation of qualifications and research project: up to a maximum of 70 points. Candidates are not required to be present during the evaluation of qualifications and the research project. The minimum score required to be admitted to the oral examination is 45 points out of a maximum of 70 points.</p> <p>Oral examination: up to a maximum of 30 points. The minimum score to pass the oral examination is 15 points out of a maximum of 30 points. The purpose of the interview is to discuss the submitted research project and to assess the candidate's background, skills, and aptitude for scientific research, as well as, if required, their general knowledge of the research topic. Furthermore, the candidate's level of proficiency in the English language will be assessed during the interview.</p> <p>The results of each examination phase will be published on the PhD website and will be communicated to the participants by the selection committee.</p>
Dates of evaluation and exam(s)	Evaluation of qualifications and research project: 10 September 2026 Oral examination: 14 September 2026, 10:00 hrs (CEST) , in person at the <i>Dipartimento di Scienze fisiche, della Terra e dell'ambiente, Sezione Fisica</i> and online for candidates residing or domiciled abroad (the link to the room will be provided by the selection committee)
Selection committee	The composition of the committee will be published after the deadline for submitting applications.

PhD in	Genetics, Oncology and Clinical Medicine (GenOMeC) Administrative seat Università degli Studi di Siena - in collaboration with: Università di Pisa e Università degli Studi di Firenze
Coordinator	Ilaria Meloni - ilaria.meloni@unisi.it
Department	Biotechnologie mediche DBM
Attendance	Mandatory
Open positions	14



	n.	Funding institution	Topic
Positions with scholarship			
A.	1	Università di Firenze	No research topic restrictions
B.	1	Università di Pisa	No research topic restrictions
C.	1	DSMCN UniSI / Università di Siena	Autoimmunity and arrhythmic risk in the patient with neoplasia (PI E. Lazzerini)
D.	1	DSBSC UniFi / Università di Siena	Exploiting ERK5-related cellular senescence to limit melanoma growth and progression (PI E. Rovida)
E.	1	DMCS UniPI / Università di Siena	Endomembrane system remodeling and stress response pathways as determinants of cellular adaptation and therapy response in melanoma cell models with varying degrees of pigmentability and phenotypic plasticity (PI L. Rossi)
F.	1	CNR IFC / Università di Siena	Experimental models of melanoma (PI L. Polisenò)
G.	1	CNR-IFC / DBM UniSI	Development of novel therapies for glioblastoma (PI M. Chiariello, I. Meloni)
H.	2	Regione Toscana (Pegaso)*	No research topic restrictions
I.	1	Regione Toscana (Pegaso)*	Genomics, bioinformatics, big data, AI and genetic data interpretation and prediction (specific research topic, 3-month traineeship)
J.	1	Regione Toscana (Pegaso)*	Gene editing and genic therapy (specific research topic, 3-month traineeship)
Positions without scholarship			
K.	3		No research topic restrictions

*) The Pegaso scholarships are financed with ESF PR 2021/27 funds and are part of Giovanisì (www.giovanisi.it), the Regione Toscana project for the empowerment of young people

Pursuant to Article 8, paragraph 2 of the selection notice, all PhD students are required to undertake a period of study and research abroad of at least 180 days at suitable facilities identified in agreement with their supervisor. Only for serious and well-justified reasons may the Academic Board approve an exemption from this commitment.

Type of rankings	<ul style="list-style-type: none"> • Single ranking list for positions with scholarship without research topic restrictions (positions A, B, H) • Stand-alone ranking list for positions with research topics (positions C-G, I, J) • Stand-alone ranking list for positions without scholarship (position K)
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> • Curriculum vitae et studiorum, including a declaration of the qualification obtained, with the awarding institution, and a list of any publications (attention – the CV must be signed and include the following statement: I hereby authorize the treatment of my personal data present in my Curriculum Vitae, according to the Italian Legislative Decree 196/2003 and the EU Regulation 2016/679) • Research project in English language (max. 2-3 pages, articulated into Background (max. 400 words), Aims (max. 400 words), Methods (max. 300 words) and Expected Results (max. 300 words)) • Abstract of the Master's Degree thesis (Second Cycle Degree / Vecchio Ordinamento or

	<p>equivalent foreign qualification), translated into Italian, English, or French (max. 1 page)</p> <ul style="list-style-type: none"> • Lettere di referenza (non più di due) di docenti universitari e/o professionisti della ricerca italiani e internazionali (devono essere indicati gli indirizzi di posta elettronica dei referenti (si prega di fare attenzione ad inserire gli email corretti); i referenti riceveranno un messaggio automatico di richiesta dovranno caricare le lettere entro il 29 luglio 2026 • Certificazione di conoscenza della lingua inglese di livello B2, se posseduta (per le borse Pegaso il livello B2, obbligatorio, sarà verificato dalla commissione di selezione) <p>Candidates who achieved (or will achieve by 31 October 2026) the diploma di laurea at an Italian university have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of <i>laurea</i> – <i>vecchio ordinamento/specialistica/magistrale</i>; 3. degree course name 4. list of examinations with votes 5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p>Candidates who achieved (or will achieve by 31 October 2026) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of degree (min. duration four years) – <i>Bachelor's degree/Master's degree</i> 3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> • transcript – certification of the title with the list of exams and votes – with a translation in Italian or English • Diploma supplement (if available). <p>ATTENTION: candidates with a foreign degree admitted after selection MUST present a copy of the original degree and proof of authenticity of the degree (DOV, CIMEA or diploma supplement) upon matriculation; please carefully read art. 5, paragraph 8 of the selection notice).</p>
Web site for further information	https://genomec.dbm.unisi.it/
Selection modalities	Evaluation of qualifications Evaluation of research project
Admission requirements	All masters' degrees (Master's, specialized, single-cycle and old system degrees)
Exam procedures	<p>The overall mark is the sum of the marks obtained in the assessment of titles, the research project and the oral interview. The minimum score for eligibility is 60/100.</p> <p>Evaluation of qualifications: up to a maximum of 65 points. Candidates are not required to be present during the evaluation of qualifications.</p> <p>Evaluation of the research project: up to a maximum of 35 points. Candidates are not required to be present during the evaluation of the research project.</p> <p>The results of the evaluations will be published on the PhD website.</p>
Dates of evaluation and exam(s)	Evaluation of qualifications and research project: 6 August 2026
Selection committee	The composition of the committee will be published after the deadline for submitting applications.

PhD in	Molecular Medicine Administrative seat Università degli Studi di Siena - in convenzione con: Università di Pisa e Università degli Studi di Firenze
Coordinator	Daniela Rossi, daniela.rossi@unisi.it
Department	Medicina Molecolare e dello Sviluppo
Attendance	Mandatory
Open positions	4



	n.	Funding institution	Topic
Postitions with scholarship			
A.	2	Regione Toscana (Pegaso)*	No research topic restrictions
B.	1	Regione Toscana (Pegaso)*	Cardiomiopatie, cross-talk cellulare e rischio aritmogeno (specific research topic, 3-month traineeship)
C.	1	Regione Toscana (Pegaso)*	Ruolo dell'oleuropeina, un polifenolo naturale presente nelle olive, nel contrasto all'atrofia muscolare nell'invecchiamento (specific research topic, 3-month traineeship)

***) The Pegaso scholarships are financed with ESF PR 2021/27 funds and are part of Giovanisi (www.giovanisi.it), the Regione Toscana project for the empowerment of young people**

Pursuant to Article 8, paragraph 2 of the selection notice, all PhD students are required to undertake a period of study and research abroad of at least 180 days at suitable facilities identified in agreement with their supervisor. Only for serious and well-justified reasons may the Academic Board approve an exemption from this commitment.

Type of rankings	<ul style="list-style-type: none"> • Single ranking list for positions without research topic restrictions (position A) • Stand-alone ranking lists for each position with specific research topic (positions B, C)
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> • Curriculum vitae et studiorum, including a declaration of the qualification obtained, with the awarding institution, and a list of any publications (attention – the CV must be signed and include the following statement: <i>I hereby authorize the treatment of my personal data present in my Curriculum Vitae, according to the Italian Legislative Decree 196/2003 and the EU Regulation 2016/679</i>) • Abstract of the Master's Degree thesis (Second Cycle Degree / Vecchio Ordinamento or equivalent foreign qualification), translated into Italian, English, or French (max. 2 pages) • English language proficiency certification at level B2, if available (for Pegaso scholarships, the mandatory B2 level will be verified by the selection committee) <p><u>Candidates who achieved (or will achieve by 31 October 2026) the diploma di laurea at an Italian university</u> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>; 3. degree course name 4. list of examinations with votes 5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p><u>Candidates who achieved (or will achieve by 31 October 2026) their degree at a foreign university</u> (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of degree (min. duration four years) – <i>Bachelor's degree/Master's degree</i> 3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026).

	<p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> • transcript – certification of the title with the list of exams and votes – with a translation in Italian or English • Diploma supplement (if available). <p>ATTENTION: candidates with a foreign degree admitted after selection MUST present a copy of the original degree and proof of authenticity of the degree (DOV, CIMEA or diploma supplement) upon matriculation; please carefully read art. 5, paragraph 8 of the selection notice).</p>
Web site for further information	https://www.dmms.unisi.it/it/didattica/post-laurea/dottorato-di-ricerca/dottorato-medicina-molecolare
Selection modalities	Evaluation of qualifications Oral examination
Admission requirements	All masters' degrees (Master's, specialized, single-cycle and old system degrees)
Exam procedures	<p>The overall mark is the sum of the marks obtained in the assessment of titles, the research project and the oral interview. The minimum score for eligibility is 60/100.</p> <p>Evaluation of qualifications: up to a maximum of 30 points. Candidates are not required to be present during the evaluation of qualifications. The minimum score to be admitted to the oral examination is 15 points out of a maximum of 30 points.</p> <p>Oral examination: up to a maximum of 70 points. The minimum score to pass the oral examination is 45 points out of a maximum of 70 points. The purpose of the interview is to evaluate the candidate's background, ability and aptitude for scientific research. Furthermore, the English knowledge will be assessed during the interview.</p> <p>The results of each exam will be published on the PhD website (https://www.dmms.unisi.it/it/didattica/post-laurea/dottorato-di-ricerca/dottorato-medicina-molecolare).</p>
Dates of evaluation and exam(s)	<p>Evaluation of qualifications: 5 August 2026</p> <p>Oral examination: 9 September 2026, starting from 10:00 hrs (CEST) in person at aula 15 of Polo Scientifico di San Miniato, Università di Siena, via Aldo Moro, 2 Siena. The online connection will be guaranteed exclusively to candidates residing or permanently employed abroad (Google meet room: https://meet.google.com/xuc-hzis-oac)</p>
Selection committee	The composition of the committee will be published after the deadline for submitting applications.

PhD in	Scienze della Vita – Life Sciences Sede amministrativa Università degli Studi di Siena - in convenzione con: Università di Pisa, Università degli Studi di Firenze e CNR-IBE
Coordinator	Simona Maccherini – simona.maccherini@unisi.it
Department	Scienze della Vita DSV
Attendance	Mandatory
Open positions	11



	n.	Funding institution	Topic
Positions with scholarship			
A.	1	Università di Siena	Emerging viruses, correlates of protection for vaccines (PI E. Montomoli)
B.	1	Università di Siena	Study of the effect of cigarette smoke in a murine model of bleomycin-induced pulmonary fibrosis (PI M. Lucattelli)
C.	1	Università di Firenze	The Role of the Intratissue Microbiome in Deciphering Inflammatory-Associated Diseases (PI A. Amedei)
D.	1	Università di Pisa	Synthesis and Analytical Platforms for Therapeutic and Nutraceutical Molecules-SYNAPHARM (PI M. Macchia)
E.	1	CNR-IBE	Hyperspectral remote sensing techniques for biodiversity mapping and the detection of biotic and abiotic stresses in ecosystems (PI B. Gioli)
F.	1	Regione Toscana (Pegaso)*	Predator-prey interactions in a Mediterranean area: an integrated approach (PI F. Ferretti)
G.	1	Regione Toscana (Pegaso)*	Innovative soil management strategies for enhancing the resilience of olive crops to biotic and abiotic stresses (PI B. Gioli)
H.	1	Regione Toscana (Pegaso)*	Proteomics Meets Precision Oncology: Novel Molecular Signatures for the Diagnosis and Personalized Treatment of Tumors (PI C. Landi)
I.	1	Regione Toscana (Pegaso)*	Innovative Bio-Based Formulations for Agricultural Resilience -FIBRA (specific research topic, 3-month traineeship , PIs G. Cai, S. Danti)
J.	1	Regione Toscana (Pegaso)*	Functional evaluation of cytotoxic CD8 and CD4 T cells in the Hodgkin lymphoma microenvironment: the role of the immunological synapse and immune checkpoints -SYNTACT-HL (specific research topic, 3-month traineeship , PIs A. Amedei, L. Patrussi)
K.	1	Vismederi srl	Development of virus-based pseudovirus neutralization assays for evaluating the efficacy of vaccines against emerging and re-emerging pathogens (PI S. Grappi)

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Pursuant to Article 8, paragraph 2 of the selection notice, all PhD students are required to undertake a period of study and research abroad of at least 180 days at suitable facilities identified in agreement with their supervisor. Only for serious and well-justified reasons may the Academic Board approve an exemption from this commitment.

Type of rankings	Stand-alone ranking list for each position (A-K)
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> Curriculum vitae et studiorum, including a declaration of the qualification obtained, with the awarding institution, and a list of any publications (attention – the CV must be signed and include the following statement: I hereby authorize the treatment of my personal data present in my Curriculum Vitae, according to the Italian Legislative Decree 196/2003 and the EU Regulation 2016/679) Letters of recommendation (maximum of two) from Italian or international university professors and/or research professionals. The email addresses of the referees must be provided (please ensure that the correct email addresses are entered); referees will receive an automated request email and must upload their letters by 29 July 2026 Abstract of the Master's Degree thesis (Second Cycle Degree / Vecchio Ordinamento or equivalent foreign qualification), translated into Italian, English, or French (max. 2 pages)

	<ul style="list-style-type: none"> • English language proficiency certification at level B2, if available (for Pegaso scholarships, the mandatory B2 level will be verified by the selection committee) <p><u>Candidates who achieved (or will achieve by 31 October 2026) the diploma di laurea at an Italian university have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</u></p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>; 3. degree course name 4. list of examinations with votes 5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p><u>Candidates who achieved (or will achieve by 31 October 2026) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:</u></p> <ol style="list-style-type: none"> 1. University issuing the degree 2. type of degree (min. duration four years) – <i>Bachelor’s degree/Master’s degree</i> 3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2026). <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> • transcript – certification of the title with the list of exams and votes – with a translation in Italian or English • Diploma supplement (if available). <p>ATTENTION: candidates with a foreign degree admitted after selection MUST present a copy of the original degree and proof of authenticity of the degree (DOV, CIMEA or diploma supplement) upon matriculation; please carefully read art. 5, paragraph 8 of the selection notice).</p>
Web site for further information	https://www.dsv.unisi.it/it/didattica/post-laurea/dottorato-di-ricerca-scienze-della-vita-life-sciences
Selection modalities	<ul style="list-style-type: none"> • Evaluation of qualifications • Oral examination (verification of English language level included)
Admission requirements	All masters’ degrees (Master’s, specialized, single-cycle and old system degrees)
Exam procedures	<p>The overall mark is the sum of the marks obtained in the assessment of titles, the research project and the oral interview. The minimum score for eligibility is 60/100.</p> <p>Evaluation of qualifications: up to a maximum of 40 points. Candidates are not required to be present during the evaluation of qualifications. The minimum score to be admitted to the oral examination is 20 points out of a maximum of 40 points.</p> <p>Oral examination: up to a maximum of 60 points. The minimum score to pass the oral examination is 40 points out of a maximum of 60 points. The purpose of the interview is to evaluate the candidate's background, ability and aptitude for scientific research and general knowledge of the research topic, if required. Furthermore, the English knowledge will be assessed during the interview.</p> <p>The results of each examination will be published on the PhD web site: https://www.dsv.unisi.it/it/didattica/post-laurea/dottorato-di-ricerca-scienze-della-vita-life-sciences/ammissione.</p>
Dates of evaluation and exam(s)	Evaluation of qualifications: 30 July 2026



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	Oral examination: 2 and 3 September 2026 , in person at Complesso Didattico di San Miniato (Via A. Moro 2, Siena) and, if necessary, via Google Meet (the link to the virtual room and the aula at Complesso Didattico will be communicated)
Selection committee	The composition of the committee will be published after the deadline for submitting applications.