



**UNIVERSITÀ  
DI SIENA**  
1240



Cofinanziato  
dall'Unione europea



Regione Toscana

**GIOVANI SI**

## **Annex 2**

### **Third selection notice for admission to PhD courses of the University of Siena, 41<sup>st</sup> cycle, academic year 2025-2026**

Deadline for applications:

5 September 2025, 14:00 (*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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|                |  |
|----------------|--|
| <b>PhD in</b>  | <b>Learning and Innovation in Social Contexts and Workplaces</b> |
| Coordinator    | Claudio Melacarne - claudio.melacarne@unisi.it                   |
| Department     | Dipartimento di Scienze sociali, politiche e cognitive           |
| Attendance     | Mandatory  |
| Open positions | <b>1</b>   |

|  | No. | Funding institution(s) | Research topic  |
|--|-----|------------------------|---|
| <b>Position reserved for employees</b> |     |                        |   |
| A.                                     | 1   | Fondazione Adapt       | Legal and industrial relations issues of the new great transformation of work between Industry 4.0, demographic changes and environmental changes |

*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*

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| Type of rankings   | <ul style="list-style-type: none"> <li>Stand-alone ranking list for position A</li> </ul>  |
| Documents required for evaluation (to be attached during online application) | <ul style="list-style-type: none"> <li><b>Curriculum vitae et studiorum</b> including a declaration of the qualification obtained, with the awarding institution, and a list of any publications (<b>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.</b>)</li> <li><b>Research project</b> (max. 3 pages).</li> <li><b>Abstract of the Master's/Specialist/old system thesis</b> or equivalent foreign qualification translated into Italian, English, or French (max. 3 pages).</li> <li>English language proficiency certification at level B2 (optional)</li> <li>Letter of employment or a letter of commitment from the company that guarantees employment for the entire duration of the PhD course (1 November 2025 – 31 October 2028)</li> </ul> <p>The eligibility of the foreign degree (which must be translated into Italian, English, or French) will be assessed by the Admissions Committee in accordance with current regulations and international agreements on the recognition of qualifications for further study.</p> <p><u>Candidates who have obtained (or will obtain by 31 October 2025) <b>their degree from an Italian university</b></u> must include in their curriculum all details about their academic path and qualification, specifically:</p> <ol style="list-style-type: none"> <li>Awarding university</li> <li>Type of degree – old system / specialist / master's</li> <li>Name of the degree course</li> <li>List of exams and respective grades</li> <li>Date of graduation and final grade or expected graduation date (by 31 October 2025).</li> </ol> <p><u>Candidates who have obtained (or will obtain by 31 October 2025) <b>an academic degree abroad</b></u> (at least four years in duration) must include in their curriculum:</p> <ol style="list-style-type: none"> <li>Awarding university</li> <li>Type of degree (at least four years) – Bachelor's degree / Master's degree</li> <li>Date of graduation and final grade or expected graduation date (by 31 October 2025)</li> </ol> <p>Candidates with a foreign qualification must also upload online:</p> <ul style="list-style-type: none"> <li><b>Transcript</b> – certificate of the degree with list of exams and grades – with translation into Italian or English.</li> <li><b>Diploma Supplement</b> (if available).</li> </ul> |

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|                                  | <b>ATTENTION:</b> candidates with a foreign degree admitted after selection <b>MUST</b> present a copy of the original degree and <b>proof of authenticity</b> 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 | <a href="https://www.dispoc.unisi.it/it/ricerca/dottorato-di-ricerca">https://www.dispoc.unisi.it/it/ricerca/dottorato-di-ricerca</a>   |
| Selection modalities             | Evaluation of submitted qualifications.<br>Motivational interview with assessment of the research project.  |
| Admission requirements           | All Master's degrees, Specialist degrees, Single-cycle degrees, and degrees under the old university system.  |
| Exam procedures                  | <p>The minimum score for eligibility is 60/100.</p> <p>Assessment of submitted qualifications: Minimum score: 30, mMaximum score: 50 points (up to 30 points may be awarded for the thesis).</p> <p>Oral examination: Candidates who have obtained a score of no less than 30 points in the evaluation of qualifications are admitted to the interview.<br/>The interview may be awarded a maximum of 50 points and is considered passed if the candidate obtains a score of at least 30 points.<br/>The interview will be conducted, if requested and based on the Committee's decision, via videoconference.<br/>The purpose of the interview is to discuss the proposed research project, assess the motivation to undertake the PhD program, and verify knowledge of at least one foreign language.</p> <p>The interview can be conducted online by sending a request to <a href="mailto:didattica.campusarezzo@unisi.it">didattica.campusarezzo@unisi.it</a></p> <p>The results of each stage will be published on the PhD program's website (<a href="https://www.dispoc.unisi.it/it/ricerca/dottorato-di-ricerca">https://www.dispoc.unisi.it/it/ricerca/dottorato-di-ricerca</a>) and will also be communicated to the candidates by the selection committee.</p> |
| Dates of evaluation and exam(s)  | Evaluation of qualifications: to be determined<br>Interview: <b>10 September 2025, 18:00 (CEST)</b> , Campus del Pionta, Viale Cittadini 33, 52100 Arezzo   |
| Selection committee              | The composition of the selection committee will be published after the application deadline.  |

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| <b>PhD in</b>  | <b>Chemical and Pharmaceutical Sciences</b>   |
| Coordinator    | Prof. Maurizio Taddei, <a href="mailto:maurizio.taddei@unisi.it">maurizio.taddei@unisi.it</a> |
| Department     | Biotechnologie, Chimica e Farmacia (DBCF)   |
| Attendance     | not mandatory   |
| Open positions | <b>1</b>  |

|                                   | n. | Funding institution(s)          | Research topic  |
|-----------------------------------|----|---------------------------------|---|
| <b>Positions with scholarship</b> |    |                                 |   |
| A.                                | 1  | University of Siena / CNR ICCOM | Design and synthesis of organic compounds for non-linear optics and light conversion to electricity and fuels (Supervisor Lorenzo Zani) |

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

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| Type of rankings   | <ul style="list-style-type: none"> <li>Stand-alone ranking list position A</li> </ul>  |
| Documents required for evaluation (to be attached during online application) | <ul style="list-style-type: none"> <li><b>Curriculum vitae et studiorum</b>, including a declaration of the qualification obtained, with the awarding institution, and a list of any publications (<b>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</b>).</li> <li><b>Research project</b> (max. 1500 words)</li> <li><b>Abstract of Master thesis (Laurea Magistrale/Specialistica)</b> or equivalent foreign degree translated into English (max. 1500 words)</li> <li>English language certification, level B2 (optional)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian or English) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p>Candidates who achieved (or will achieve by 31 October 2025) the <b>diploma di laurea at an Italian university</b> 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"> <li>University issuing the degree</li> <li>type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>degree course name</li> <li>list of examinations with votes</li> <li>date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2025).</li> </ol> <p>Candidates who achieved (or will achieve by 31 October 2025) their <b>degree at a foreign University</b> (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> <li>University issuing the degree</li> <li>type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i></li> <li>date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2025).</li> </ol> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li><b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li><b>Diploma supplement</b> (if available).</li> </ul> <p><b>ATTENTION:</b> candidates with a foreign degree admitted after selection <b>MUST</b> present a copy of the original degree and <b>proof of authenticity</b> of the degree (DOV, CIMEA or diploma</p> |

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|                                  | supplement) upon matriculation; please carefully read art. 5, paragraph 8 of the selection notice).   |
| Web site for further information | <a href="https://www.dbcf.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca/dottorato-di-ricerca-chemical-and-pharmaceutical-scienc-0">https://www.dbcf.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca/dottorato-di-ricerca-chemical-and-pharmaceutical-scienc-0</a>   |
| Selection modalities             | Evaluation of qualifications and research project<br>Oral examination   |
| Admission requirements           | Any Master's degree   |
| Exam procedures                  | <p>The minimum score for eligibility is 60/100.</p> <p>Assessment of qualifications. Candidates must not be present during the assessment. A minimum score of 35 points is required for admission to the oral examination; the maximum score for the assessment of qualifications is 50 points.</p> <p>Oral examination: This serves to assess the basic preparation acquired, the candidate's ability and aptitude for scientific research, as well as knowledge and skills in the topics of the projects. A test of English language skills is also conducted. The use of presentations/slides is not permitted. The interview can also be conducted via video conference if requested and approved by the committee. The maximum score is 50 points.</p> <p>The results of the individual tests will be published on the doctoral website and communicated to the participants by the selection committee.</p> |
| Dates of evaluation and exam(s)  | <p>Assessment of qualifications: to be determined</p> <p>Oral examination: <b>12 September 2025, 09:00 (CEST)</b> Polo Didattico di San Miniato (Siena)</p>   |
| Selection committee              | The composition of the committee will be published after the deadline for submitting applications.  |

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| <b>PhD in</b>  | <b>Economics</b><br>Administrative seat Università di Siena – in collaboration with Università degli Studi di Firenze, Università di Pisa |
| Coordinator    | Simone D'Alessandro, <a href="mailto:phd-economics@unisi.it">phd-economics@unisi.it</a>   |
| Department     | Economia Politica e Statistica  |
| Attendance     | mandatory   |
| Open positions | <b>1</b>  |



Regione Toscana



|                                   | n. | Funding institution(s)       | Research topic   |
|-----------------------------------|----|------------------------------|--|
| <b>Positions with scholarship</b> |    |                              |  |
| A.                                | 1  | Regione Toscana<br>"Pegaso"* | Worker voice, wages and technological change: the role of collective bargaining, unions and employee representation (specific research topic, internship 3 months) |

**\*) The Pegaso scholarships are financed with ESF PR 2021/27 funds and are part of Giovanisi ([www.giovanisi.it](http://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.*

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|---|---|
| Type of rankings  | <ul style="list-style-type: none"> <li>Single ranking list for positions with no research topic restriction (A and D)</li> <li>Stand-alone ranking list for positions with specific research topics (B and C)</li> </ul>  |
| Documents required for evaluation<br>(to be attached during online application) | <ul style="list-style-type: none"> <li><b>Curriculum vitae et studiorum</b>, including a declaration of the qualification obtained, with the awarding institution, and a list of any publications (<b>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.</b>)</li> <li><b>Research project</b> (max. 8 pages)</li> <li>English language certification, level B2 (optional)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p><u>Candidates who achieved (or will achieve by 31 October 2025) the <b>diploma di laurea at an Italian university</b> 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"> <li>University issuing the degree</li> <li>type of <i>laurea</i> – <i>vecchio ordinamento/specialistica/magistrale</i>;</li> <li>degree course name</li> <li>list of examinations with votes</li> <li>date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2025).</li> </ol> <p><u>Candidates who achieved (or will achieve by 31 October 2025) their <b>degree at a foreign university</b> (with a duration of at least four years) must specify in their curriculum:</u></p> <ol style="list-style-type: none"> <li>University issuing the degree</li> <li>type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i></li> <li>date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2025).</li> </ol> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li><b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> </ul> |

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|                                  | <ul style="list-style-type: none"> <li>• <b>Diploma supplement</b> (if available).</li> </ul> <p><b>ATTENTION:</b> candidates with a foreign degree admitted after selection <b>MUST</b> present a copy of the original degree and <b>proof of authenticity</b> 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 | <a href="https://phdeconomics.unisi.it/">https://phdeconomics.unisi.it/</a>  |
| Selection modalities             | Evaluation of qualifications and research project<br>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><b>Evaluation of qualifications and research project:</b> up to maximum 70 points.<br/>The presence of candidates is not required for the evaluation of qualifications and the research project. The minimum score for admission to the oral/written examination is 42 out of 70 points.</p> <p><b>Oral examination:</b> up to maximum 30 points.<br/>The examination will be held on 12 September 2025, starting at 09:30 (CEST), by video conference.<br/>The minimum score to pass the oral examination is 18 out of 30 points.<br/>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)  | <p>Evaluation of qualifications and research projects (to be determined)</p> <p>Oral examination: <b>12 September 2025</b>, starting at 09:30 (CEST) by video conference</p>   |
| Selection committee              | The composition of the committee will be published after the deadline for submitting applications.   |



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| <b>PhD in</b>  | <b>Life Sciences</b><br>Administrative seat University of Siena - in collaboration with University of Pisa, University of Florence and CNR-IBE |
| Coordinator    | Simona Maccherini, <a href="mailto:simona.maccherini@unisi.it">simona.maccherini@unisi.it</a>  |
| Department     | Dipartimento di Scienze della Vita   |
| Attendance     | Mandatory  |
| Open positions | <b>2</b>   |

|                                   | n. | Funding institution(s)      | Research topic  |
|-----------------------------------|----|-----------------------------|---|
| <b>Positions with scholarship</b> |    |                             |   |
| A                                 | 1  | Gran Paradiso National Park | Analysis of ecological interactions in a community of alpine meso- and large mammals and development of semi-automatic methods for the management and analysis of camera trapping data (ECO-MALP) |
| B.                                | 1  | DSV University of Siena     | Comparative study of adult and infant immune responses to new vaccine formulations using advanced human in vitro models (INVICTUS)  |

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"> <li>Stand-alone ranking list for each position (A-B)</li> </ul>  |
| Documents required for evaluation<br>(to be attached during online application) | <ul style="list-style-type: none"> <li><b>Curriculum vitae et studiorum</b>, including a declaration of the qualification obtained, with the awarding institution, final degree grade or average exam grade, and a list of any publications (<b>attention – the CV must be signed and include the following statement:</b> <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>)</li> <li><b>Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento</b> or equivalent foreign degree translated into Italian or English (max. 2 pages)</li> <li>English language certification, level B2 (at least), if available</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian or English) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p>Candidates who achieved (or will achieve by 31 October 2025) the <b>diploma di laurea at an Italian university</b> 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"> <li>University issuing the degree</li> <li>type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>degree course name</li> <li>list of examinations with votes</li> <li>date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2025).</li> </ol> <p>Candidates who achieved (or will achieve by 31 October 2025) their <b>degree at a foreign university</b> (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> <li>University issuing the degree</li> <li>type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i></li> <li>date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2025).</li> </ol> <p>Candidates with a foreign degree must attach to the online application process also the following documentation:</p> <ul style="list-style-type: none"> <li><b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li><b>Diploma supplement</b> (if available).</li> </ul> |

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|                                  | <b>ATTENTION:</b> candidates with a foreign degree admitted after selection <b>MUST</b> present a copy of the original degree and <b>proof of authenticity</b> 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 | <a href="https://www.dsv.unisi.it/it/didattica/post-laurea/dottorato-di-ricerca-scienze-della-vita-life-sciences/dottorato-scienze-della">https://www.dsv.unisi.it/it/didattica/post-laurea/dottorato-di-ricerca-scienze-della-vita-life-sciences/dottorato-scienze-della</a>  |
| Selection modalities             | Evaluation of qualifications<br>Oral examination   |
| Admission requirements           | <b>All types of master degrees</b>   |
| Exam procedures                  | <p>The overall mark is the sum of the marks obtained in the assessment of titles and the oral interview. The minimum score for eligibility is 60/100.</p> <p><b>Evaluation of qualifications:</b> up to maximum 40 points.<br/>The presence of candidates is not required for the evaluation of qualifications. The minimum score for admission to the oral examination is 20 out of 100 points.</p> <p><b>Oral examination:</b> up to maximum 60 points.<br/>The date of the oral exam will be published on the web-page<br/>The minimum score to pass the oral examination is 40 out of 100 points.<br/>The purpose of the interview is to discuss the submitted thesis's abstract and to assess the candidate's background, ability and mindset for scientific research and general knowledge of the research topic, if required. Furthermore, the English knowledge will be assessed during the interview.<br/>Candidates admitted to the interview and residing or domiciled in Italy or abroad will be allowed to take the test online via videoconference. The virtual classroom will be notified by email.</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 (to be determined)</p> <p>Oral examination: <b>16 September 2025</b>, from 09:00 (CEST), Polo Scientifico di San Miniato, Via A Moro 2, 53100 Siena</p>  |
| Selection committee              | The composition of the committee will be published after the deadline for submitting applications.   |