Annex 2

Disclaimer: This document is a non-official version of the PhD course selection notice meant to provide information in English – only the Italian version approved with Rector’s Decree n. 1080/2024, Prot. N. 114316 of 17/06/2024 shall be legally binding.

Second selection notice for admission to PhD courses

Deadline for submission
16 July 2024, 14:00 (Central European Summer Time)

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

1 – Learning and Innovation in Social Contexts and Workplaces  p. 3
2 – Biochemistry and Molecular Biology  p. 5
3 – Medical Biotechnologies  p. 8
4 – Chemical and Pharmaceutical Sciences  p. 10
5 – Sustainability Law and Management  p. 12
6 – Economics  p. 14
7 – Philology and Literary Criticism  p. 16
8 – Experimental Physics  p. 19
9 – Genetics, Oncology and Clinical Medicine  p. 21
10 – Information Engineering and Sciences  p. 23
11 – Molecular Medicine  p. 25
12 – Translational and Precision Medicine  p. 28
13 – PhD in Life Sciences  p. 30
14 – Environmental, Geological and Polar Sciences and Technologies  p. 32
15 – Legal Sciences  p. 34
16 – Social Sciences and Humanities  p. 37
**PhD in Learning and Innovation in Social Contexts and Workplaces**

**Coordinator**  
claudio.melacarne@unisi.it

**Department**  
Scienze sociali, politiche e cognitive

**Attendance**  
mandatory

**Open positions**  
11

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A.</strong></td>
<td>3</td>
<td>Università di Siena</td>
</tr>
<tr>
<td><strong>B.</strong></td>
<td>1</td>
<td>ADAPT Servizi Srl</td>
</tr>
<tr>
<td><strong>C.</strong></td>
<td>5</td>
<td>Fondazione ADAPT</td>
</tr>
<tr>
<td><strong>D.</strong></td>
<td>2</td>
<td>//</td>
</tr>
</tbody>
</table>

**Type of rankings**  
Single ranking list for each position [A, B, C, D]

**Documents required for evaluation (to be attached during online application)**

- **Curriculum vitae et studiorum** containing a statement of the access title held with the issuing institution in addition to a list of any publications
- **Research project** (max. 3 pages)
- **Abstract tesi** di Laurea Magistrale/Specialistica/vecchio ordinamento o titolo estero equivalente tradotto in italiano, inglese o francese (max. 3 cartelle)
- **Reference letters** (NOT mandatory) (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided – see art. 3, paragraph 2 of the selection notice)
- **English language certification, level B2**, if available (optional)

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.

Candidates who achieved (or will achieve by 31 October 2024) 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:

- University issuing the degree
- type of laurea – vecchio ordinamento/specialistica/magistrale
- degree course name
- list of examinations with votes
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates who achieved (or will achieve by 31 October 2024) their **degree at a foreign university** (with a duration of at least four years) must specify in their curriculum:

- University issuing the degree
- type of degree (min. duration four years) – Bachelor’s degree/ Master’s degree
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:
• **transcript** – certification of the title with the list of exams and votes – with a translation in Italian or English
• **Diploma supplement** (if available).

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.

<table>
<thead>
<tr>
<th>Web site for further information</th>
<th><a href="https://www.dispoc.unisi.it/it/ricerca/dottorato-di-ricerca">https://www.dispoc.unisi.it/it/ricerca/dottorato-di-ricerca</a></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Selection modalities</strong></td>
<td>Evaluation of qualifications</td>
</tr>
<tr>
<td><strong>Admission requirements</strong></td>
<td>Motivational interview (including project evaluation)</td>
</tr>
<tr>
<td><strong>Exam procedures</strong></td>
<td>All master’s degrees (lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento)</td>
</tr>
<tr>
<td><strong>Exam procedures</strong></td>
<td>The minimum score for eligibility is 60/100.</td>
</tr>
<tr>
<td><strong>Evaluation of qualifications</strong></td>
<td>Minimum score 30, maximum score 50 points (of which up to 30 points for the thesis)</td>
</tr>
<tr>
<td><strong>Interview</strong></td>
<td>Candidates who obtain a minimum score of 30 points in the evaluation of qualifications are admitted to the interview. Maximum score for the interview is 50 points, minimum score is 30 points.</td>
</tr>
<tr>
<td></td>
<td>Upon request and based on the decision by the selection committee, the interview can be carried out by videoconference. The interview consists in the discussion of the research project presented, the motivation to take part in the PhD course and the verification of the knowledge of at least one foreign language.</td>
</tr>
<tr>
<td></td>
<td>The interview can be conducted online upon communication to <a href="mailto:didattica.campusarezzo@unisi.it">didattica.campusarezzo@unisi.it</a> by 15 July 2024.</td>
</tr>
<tr>
<td></td>
<td>The results of each test will be published on the doctoral 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 be communicated to participants by the selection committee.</td>
</tr>
<tr>
<td><strong>Dates of evaluation and exam(s)</strong></td>
<td>Evaluation of qualifications: to be fixed</td>
</tr>
<tr>
<td></td>
<td><strong>Interview:</strong> <strong>28 August 2024, 9:00</strong> (Italian time)</td>
</tr>
<tr>
<td><strong>Selection committee</strong></td>
<td>The composition of the committee will be published after the deadline for application.</td>
</tr>
</tbody>
</table>
PhD in Biochemistry and Molecular Biology – BiBiM 2.0
Administrative seat Università di Siena – in collaboration with Università degli Studi di Firenze, Università di Pisa, CNR/IFC

Coordinator Lorenza Trabalzini (lorenza.trabalzini@unisi.it)
Department Biotecnologie, Chimica e Farmacia (DBCF)
Attendance mandatory
Open positions 26
Of which:

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Positions with scholarship</td>
<td></td>
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</tr>
<tr>
<td>A.</td>
<td>2</td>
<td>Università di Siena</td>
</tr>
<tr>
<td>B.</td>
<td>1</td>
<td>Università di Firenze</td>
</tr>
<tr>
<td>C.</td>
<td>1</td>
<td>Università di Pisa</td>
</tr>
<tr>
<td>D.</td>
<td>1</td>
<td>CNR-IFC</td>
</tr>
<tr>
<td>E.</td>
<td>4</td>
<td>Regione Toscana – Pegaso*</td>
</tr>
<tr>
<td>F.</td>
<td>1</td>
<td>Regione Toscana – Pegaso*</td>
</tr>
<tr>
<td>G.</td>
<td>1</td>
<td>Regione Toscana – Pegaso*</td>
</tr>
<tr>
<td>H.</td>
<td>1</td>
<td>DBCF Università di Siena</td>
</tr>
<tr>
<td>I.</td>
<td>1</td>
<td>DBCF Università di Siena</td>
</tr>
<tr>
<td>J.</td>
<td>2</td>
<td>DIESSE Diagnostica Senese</td>
</tr>
<tr>
<td>Positions with DM 629 scholarship</td>
<td></td>
<td></td>
</tr>
<tr>
<td>K.</td>
<td>1</td>
<td>MUR / Università di Pisa</td>
</tr>
<tr>
<td>Positions with DM 630 scholarship</td>
<td></td>
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<tr>
<td>L.</td>
<td>1</td>
<td>MUR / SienabioActive LifeCares</td>
</tr>
<tr>
<td>Positions reserved for employees</td>
<td></td>
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<tr>
<td>M.</td>
<td>1</td>
<td>CNR</td>
</tr>
<tr>
<td>N.</td>
<td>1</td>
<td>Magi’s Lab</td>
</tr>
<tr>
<td>O.</td>
<td>1</td>
<td>GSK</td>
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<tr>
<td>Positions without scholarship</td>
<td></td>
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</tr>
<tr>
<td>P.</td>
<td>6</td>
<td>//</td>
</tr>
</tbody>
</table>

*) 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.

Type of rankings
- Single ranking list for positions with or without scholarship with no research topic restriction (positions A, B, C, E, P)
- Stand-alone ranking list for position with scholarship with specific research topic financed by CNR/IFC (position D)
- Stand-alone ranking list for each position with Pegaso scholarship with specific research topic (positions F, G)
- Stand-alone ranking list for each position with scholarship financed by DBCF (positions H, I)
- Stand-alone ranking list per i due posti finanziati da DIESSE Diagnostica Senese (posizione J)
- Stand-alone ranking list for the position with DM 629 scholarship (position K)
- Stand-alone ranking list for the position with DM630 scholarship (position L)
- Stand-alone ranking list for each position reserved for employees (positions M, N, O)

Documents required for evaluation (to be attached during online application)

<table>
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<tr>
<th>Documents required for evaluation (to be attached during online application)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Curriculum vitae et studiorum containing a statement of the access title held with the issuing institution in addition to a list of any publications</td>
</tr>
<tr>
<td>• Research project (max. 3 pages, including bibliography)</td>
</tr>
<tr>
<td>• English language certification, level B2</td>
</tr>
</tbody>
</table>

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.

Candidates who achieved (or will achieve by 31 October 2024) 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:
- University issuing the degree
- type of laurea – vecchio ordinamento/specialistica/magistrale
- degree course name
- list of examinations with votes
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates who achieved (or will achieve by 31 October 2024) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:
- University issuing the degree
- type of degree (min. duration four years) – Bachelor’s degree/ Master’s degree
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:
- transcript – certification of the title with the list of exams and votes – with a translation in Italian or English
- Diploma supplement (if available).

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).


Selection modalities
- Evaluation of qualifications
- Interview in English language

Admission requirements
- All master’s degrees (lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento)

Interview: minimum score 45 points.
The interview will consist in the presentation (maximum duration 15 minutes of which 10 minutes for presentation and 5 minutes for discussion) of the research project to be held in English language. The interview will be conducted by videoconference.

The overall score is the sum of the scores obtained in the evaluation of qualifications and the interview.
The minimum score for eligibility is 60/100.

The results of each test will be published on the PhD website and communicated to the participants by the selection committee.

| Dates of evaluation and exam(s) | Evaluation of qualifications: 1 August 2024  
Interview: 2 and 3 September 2024, 9:00 (Italian time)  
https://unisi.webex.com/meet/lorenza.trabalzini |
<table>
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<tr>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Selection committee</td>
<td>The composition of the committee will be published after the deadline for application.</td>
</tr>
</tbody>
</table>
PhD in Biotecnologie Mediche

Coordinator Francesco Iannelli (francesco.iannelli@unisi.it)

Department Biotecnologie Mediche DBM

Attendance Not mandatory

Open positions 13

Of which:

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>3 Università di Siena</td>
<td>No research topic restriction</td>
</tr>
<tr>
<td>B.</td>
<td>1 Dipartimento di Biotecnologie Mediche</td>
<td>Specific research topic: New technologies for the assessment of bruxism</td>
</tr>
<tr>
<td>C.</td>
<td>1 Dipartimento di Biotecnologie Mediche</td>
<td>Specific research topic: Diagnosi e Trattamento delle Malattie peri-implantarie: valutazione clinica e psicometrica delle terapie meccaniche e aggiuntive nella risoluzione della lesione</td>
</tr>
</tbody>
</table>

Posti riservati a borsisti di Stati esteri*

D. 5 MUR / Komet Italia

Specific research topic: Studio di nuovi strumenti endodontici con differenti leghe NiTi e validazione clinica di nuovo cemento bioceramico (6 months abroad, traineeship 6 months)

* Successful applicants must be funded by a foreign institution for the duration of the PhD course (3 years).

Positions without scholarship

F. 2 // No research topic restrictions

Type of rankings

- Single ranking list for positions with no research topic restrictions (positions A, D, F)
- Stand-alone ranking list for positions with specific research topics (positions B, C)
- Stand-alone ranking list for positions with DM 630 scholarship (position E)

Documents required for evaluation (to be attached during online application)

- **Curriculum vitae et studiorum** containing a statement of the access title held with the issuing institution in addition to a list of any publications
- **Research project** (max. 1 page, in English)
- **Reference letters** NOT mandatory) (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided – see art. 3, paragraph 2 of the selection notice)
- **Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento or equivalent foreign degree translated into Italian, English or French** (max. 1 page)
- **English language certification**, level B2, if available

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.

Candidates who achieved (or will achieve by 31 October 2024) 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:

- University issuing the degree
- **type of laurea – vecchio ordinamento/specialistica/magistrale**
- degree course name
- list of examinations with votes
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates who achieved (or will achieve by 31 October 2024) their **degree at a foreign university** (with a duration of at least four years) must specify in their curriculum:

- University issuing the degree
- type of degree (min. duration four years) – *Bachelor’s degree/ Master’s degree*
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:
- **transcript** – certification of the title with the list of exams and votes – with a translation in Italian or English
- **Diploma supplement** (if available).

**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.

<table>
<thead>
<tr>
<th>Web site for further information</th>
<th><a href="https://phd-medbiotech.unisi.it/">https://phd-medbiotech.unisi.it/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Selection modalities</strong></td>
<td>1-Evaluation of qualifications</td>
</tr>
<tr>
<td></td>
<td>2-Oral examination</td>
</tr>
<tr>
<td><strong>Admission requirements</strong></td>
<td>All master’s degrees (lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento)</td>
</tr>
<tr>
<td><strong>Exam procedures</strong></td>
<td>The overall score is the sum of the scores obtained in the evaluation of qualifications and the interview. The minimum score for eligibility is 60/100.</td>
</tr>
<tr>
<td></td>
<td>Evaluation of qualifications: minimum score 20, maximum score 40. Candidates who obtain the minimum score of 20 are admitted to the oral examination.</td>
</tr>
<tr>
<td></td>
<td>Oral examination: minimum score 40, maximum score 60. The examination will consist of the candidate's presentation of his or her research project in English. The knowledge of English will be assessed during the examination. The presentation should ideally be concluded in 7 minutes but may last up to a maximum of 10 minutes.</td>
</tr>
<tr>
<td></td>
<td>The results of each test will be published on the PhD website and communicated to the participants by the selection committee.</td>
</tr>
<tr>
<td><strong>Dates of evaluation and exam(s)</strong></td>
<td>Evaluation of qualifications: 25 July 2024, 7:30 Sala riunione del DBM V° lotto I° piano Policlinico le Scotte</td>
</tr>
<tr>
<td></td>
<td>Oral examination: <strong>25 July 2024, 11:30</strong> (Italian time) Complesso Didattico del Policlinico le Scotte, aula A.</td>
</tr>
<tr>
<td></td>
<td>Any changes to the date and time will be published on the PhD website.</td>
</tr>
<tr>
<td><strong>Selection committee</strong></td>
<td>The composition of the committee will be published after the deadline for application.</td>
</tr>
</tbody>
</table>
### PhD in Chemical and Pharmaceutical Sciences

**Coordinator**  
Prof. Maurizio Taddei, maurizio.taddei@unisi.it

**Department**  
Biotecnologie, Chimica e Farmacia

**Attendance**  
Not mandatory

**Open positions**  
14

**Of which:**

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
</tr>
</thead>
</table>
| A. | 1  
Università di Siena / CSGI | Nanosystems containing photoacid molecules for collecting solar energy and drug delivery (supervisor Prof. Jack Li-Yang Chen) |
| B. | 1  
Università di Siena / DBCF | Mixed computational and biophysical approaches to discover novel antimicrobial agents (supervisor Prof. Andrea Tafi) |
| C. | 1  
Università di Siena / DBCF | Design, synthesis and characterization of molecular photoswitches for biological applications (supervisor Prof. Marco Paolino) |
| D. | 1  
DBCF / Università di Siena | Enhancing Emitters Quantum Efficiency Exploiting Singlet-Triplet Inversion (supervisor Prof. Daniele Padula) |
| E. | 1  
Università di Siena / Point Green srl | Valorisation of primary and/or secondary agricultural products (supervisor Prof.ssa Agnese Magnani) |
| F. | 1  
Università di Siena / CNR-ICCOM | Synthesis, Functionalization, and Design of electroactive Magnetic Nanoparticles (supervisor Prof.ssa Farbizia Fabrizi De Biani) |
| G. | 1  
Università di Siena / CNR-ICB | Synthesis and biological evaluation of cannabinoid receptors modulators as potential therapeutic agents for the treatment of oncometabolic and neurodegenerative diseases (supervisor Prof.ssa Claudia Mugnaini) |

**Positions reserved to scholarship holder of specific international mobility programmes**

| H | 2  | MSCA-DN |

**Positions with DM 630 scholarship**

| I | 1  | MUR / Recordati spa | Sviluppo di nuovi linkers e sistemi di bioconiugazione per la sintesi di Antibody Drug Conjugates (supervisor Prof.ssa Elena Petricci) (6 months abroad, traineeship 6 months) |
| J | 1  | MUR / Aquaprox srl | Approcci molecolari antibatterici e biocidi al trattamento delle acque reflue (supervisor Prof. Mattia Mori) (6 months abroad, traineeship 6 months) |

**Positions without scholarship**

| K. | 3  | No research topic restriction |

**Type of rankings**

- Stand-alone ranking list for each position with specific research topic (positions A, B, C, D, E, F, G, I, J)
- Single ranking list for positions with no research topic restriction (position K)
- For positions reserved to scholarship holder of specific international mobility programmes (position H) see art. 5 paragraph 5 of the selection notice

**Documents required for evaluation (to be attached during online application)**

- Curriculum vitae et studiorum (Curriculum vitae), containing a statement of the access title held with the issuing institution in addition to a list of publications
- Research project (max. 1500 words)
- Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento or equivalent foreign degree translated into Italian, English or French (max. 1500 words)
- Reference letters (optional) (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided – see art. 3, paragraph 2 of the selection notice
- English language certification, level B2 (optional).

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.
Candidates who achieved (or will achieve by 31 October 2024) 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:

- University issuing the degree
- type of *laurea* – *vecchio ordinamento/specialistica/magistrale*
- degree course name
- list of examinations with votes
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates who achieved (or will achieve by 31 October 2024) their *degree at a foreign university* (with a duration of at least four years) must specify in their curriculum:

- University issuing the degree
- type of degree (min. duration four years) – *Bachelor’s degree/ Master’s degree*
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:

- **transcript** – certification of the title with the list of exams and votes – with a translation in Italian or English
- **Diploma supplement** (if available).

**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.

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<td><strong>Selection modalities</strong></td>
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<tr>
<td></td>
<td>Oral examination</td>
</tr>
<tr>
<td><strong>Admission requirements</strong></td>
<td>All masters’ degrees (lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento)</td>
</tr>
<tr>
<td><strong>Exam procedures</strong></td>
<td>The overall score is the sum of the scores obtained in the evaluation of qualifications and the interview. The minimum score for eligibility is 60/100.</td>
</tr>
<tr>
<td></td>
<td>Evaluation of qualifications. Candidates are not permitted to be present during the assessment. A minimum of 35 points is required for admission to the oral examination; the maximum score for the assessment of qualifications is 50 points.</td>
</tr>
<tr>
<td></td>
<td>Oral examination: the exam is aimed at assessing the candidate's acquired basic preparation, ability and aptitude for scientific research and knowledge and skills in subjects related to the projects’ themes. An English language proficiency test will also be conducted. The use of presentations/slides and computer support is not permitted. The interview may be conducted, if requested and based on the Commission’s decision, by videoconference. The maximum score is 50 points.</td>
</tr>
<tr>
<td></td>
<td>The results of each test will be published on the PhD website and communicated to the participants by the selection committee.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dates of evaluation and exam(s)</th>
<th>Evaluation of qualifications: 3 September 2024</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Oral examination: <strong>6 September 2024, 9:00 (CEST)</strong> Polo Didattico di San Miniato (Siena)</td>
</tr>
<tr>
<td><strong>Selection committee</strong></td>
<td>The composition of the committee will be published after the deadline for application.</td>
</tr>
</tbody>
</table>
**PhD in Sustainability Law and Management**

Coordinator: Ciro Gennaro Corvese, ciro.corvese@unisi.it

Department: Studi Aziendali e Giuridici – DISAG

Attendance: mandatory

Open positions: 1

### Positions with DM 629 scholarship

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>MUR / Università di Siena</td>
<td>“Public Amministration” under the terms of DM 629 of 24 April 2024 (6 months abroad)</td>
</tr>
</tbody>
</table>

### Type of rankings

- One single ranking list

### Documents required for evaluation (to be attached during online application)

- **Curriculum vitae**, containing a statement of the access title held with the issuing institution in addition to a list of publications
- **Research project** (max. 4 pages)
- **Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento** or equivalent foreign degree translated into Italian or English (max. 2 pages)

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.

Candidates who achieved (or will achieve by 31 October 2024) 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:

- University issuing the degree
- type of laurea – vecchio ordinamento/specialistica/magistrale
- degree course name
- list of examinations with votes
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates who achieved (or will achieve by 31 October 2024) their **degree at a foreign university** (with a duration of at least four years) must specify in their curriculum:

- University issuing the degree
- type of degree (min. duration four years) – Bachelor’s degree/ Master’s degree
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:

- **transcript** – certification of the title with the list of exams and votes – with a translation in Italian or English
- **Diploma supplement** (if available).

**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.

### Web site for further information

https://dottorato-dimas.unisi.it/

### Selection modalities

- Evaluation of qualifications
- Evaluation of the research project
- Oral examination (including verification of English language proficiency)

### Admission requirements

All master's degrees (**lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento**)

---

**Note:** The content above is extracted from a document with the focus on **PhD in Sustainability Law and Management**, including details on positions, rankings, and requirements for application. The document highlights the importance of providing detailed information regarding education and qualifications, and emphasizes the necessity of presenting documents that authenticate foreign degrees. The inclusion of specific dates and the mention of language proficiency highlight the stringent criteria for admission.
| Exam procedures | The minimum score for eligibility is 60/100.  
**Evaluation of qualifications**: up to maximum 20 points  
**Evaluation of the research project**: up to maximum 30 points  
Minimum score for admission to the oral examination: 30 points  
**Oral examination**: up to maximum 50 points, of which up to 10 points for the English language check.  
The results of each test will be published on the PhD website and will be communicated to the participants by the selection committee. |
|---|---|
| Dates of evaluation and exam(s) | **Evaluation of qualifications and research project**: 29 July 2024  
**Oral examination**: 31 July 2024, 9:30 (Italian time) in presence, Presidio San Francesco, first floor piano, aula 41 – Dipartimento di Studi aziendali e giuridici. The oral examination can be carried out by videoconference; the link to the virtual room will be published on the PhD website [https://dottorato-dimas.unisi.it/](https://dottorato-dimas.unisi.it/) |
| 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 degli Studi di Firenze and Università di Pisa

Coordinator Simone D’Alessandro, phd-economics@unisi.it
Department Economia Politica e Statistica DEPS
Attendance mandatory
Open positions 5 of which

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. 3</td>
<td>Regione Toscana – Pegaso*</td>
<td>No research topic restriction (6 months abroad)</td>
</tr>
<tr>
<td>B. 1</td>
<td>Regione Toscana -Pegaso*</td>
<td>“Distributive Justice and Environmental Sustainability: An Application to the Fashion Industry” (6 months abroad, traineeship 3 months)</td>
</tr>
</tbody>
</table>

Positions with DM 629 scholarship
C. 1 MUR / Università di Siena Ambito Pubblica Amministrazione ai sensi del DM 629 del 24 aprile 2024: “Sustainability Decision Framework: Economic Analysis and Policy Implications” (6 months abroad, traineeship 6 months)

*) 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.

Type of rankings
- Single ranking list for positions with no research topic restriction (position A)
- Stand-alone ranking list for position with specific research topic (positions B & C)

Documents required for evaluation (to be attached during online application)
- Curriculum vitae, containing a statement of the access title held with the issuing institution in addition to a list of publications
- Research project (max. 8 pages in English)
- Reference letters (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided – see art. 3, paragraph 2 of the selection notice)
- Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento or equivalent foreign degree translated into Italian or English (max. 2 pages)
- English language certification, level B2, if available (optional)

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.

Candidates who achieved (or will achieve by 31 October 2024) 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:
- University issuing the degree
- type of laurea – vecchio ordinamento/specialistica/magistrale
- degree course name
- list of examinations with votes
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates who achieved (or will achieve by 31 October 2024) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:
- University issuing the degree
- type of degree (min. duration four years) – Bachelor’s degree/ Master’s degree
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).
Candidates with a foreign degree must attach to the online presentation also the following documentation:

- **transcript** – certification of the title with the list of exams and votes – with a translation in Italian or English
- **Diploma supplement** (if available).

**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).

<table>
<thead>
<tr>
<th>Web site for further information</th>
<th><a href="https://phdeconomics.unisi.it/">https://phdeconomics.unisi.it/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Selection modalities</strong></td>
<td><strong>Evaluation of qualifications and the research project</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Interview</strong></td>
</tr>
<tr>
<td><strong>Admission requirements</strong></td>
<td><strong>All master’s degrees (lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento)</strong></td>
</tr>
<tr>
<td><strong>Exam procedures</strong></td>
<td>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.</td>
</tr>
<tr>
<td></td>
<td>- Evaluation of qualifications: up to a maximum of 50 points,</td>
</tr>
<tr>
<td></td>
<td>- Research project evaluation: up to a maximum of 20 points</td>
</tr>
<tr>
<td></td>
<td>- The minimum score for admission to the interview is 42 points.</td>
</tr>
<tr>
<td></td>
<td>- Interview: up to a maximum of 30 points, minimum score 18 points</td>
</tr>
<tr>
<td></td>
<td>The candidates are not allowed to participate in the evaluation of the qualifications and the research project.</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
<td></td>
<td>The interview will be conducted online.</td>
</tr>
<tr>
<td></td>
<td>The results of each test will be published on the PhD website and will be communicated to the participants by the selection committee.</td>
</tr>
<tr>
<td><strong>Dates of evaluation and exam(s)</strong></td>
<td>3 September 2024 11:30 (Italian time) – evaluation of titles and research project</td>
</tr>
<tr>
<td></td>
<td>4 September 2024 10:00 (Italian time) – online interview</td>
</tr>
<tr>
<td><strong>Selection committee</strong></td>
<td>The composition of the committee will be published after the deadline for submitting applications.</td>
</tr>
</tbody>
</table>
**PhD in Philology and Literary Criticism**

**Administrative seat** Università degli Studi di Siena – in collaboration with Università per Stranieri di Siena and Università di Pisa

Coordinator Maria Rita Digilio, mariarita.digilio@unisi.it

Department Filologia e critica delle letterature antiche e moderne

Attendance Not mandatory

Open positions 11

Of which:

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1 University of Siena</td>
<td>No research topic restriction</td>
</tr>
<tr>
<td>B</td>
<td>1 University of Pisa</td>
<td>No research topic restriction</td>
</tr>
<tr>
<td>C</td>
<td>2 University of Siena</td>
<td>No research topic restriction</td>
</tr>
<tr>
<td>D</td>
<td>1 DFCLAM/ECCELLENZA</td>
<td>No research topic restriction</td>
</tr>
<tr>
<td>E</td>
<td>3 Regione Toscana - Pegaso*</td>
<td>No research topic restriction (6 months abroad)</td>
</tr>
<tr>
<td>F</td>
<td>1 Regione Toscana – Pegaso*</td>
<td>Specific research topic – Lessicografia web based dell’italiano antico (6 months abroad, traineeship 3 months)</td>
</tr>
</tbody>
</table>

**Positions with DM 629 scholarship**

| G  | 1 MUR / University of Siena  | PNRR research under the terms of DM 629 of 24 April 2024: Metodo e applicazione delle digital humanities (from the classical to contemporary age; 6 months abroad) |

**Positions without scholarship**

| H  | //  | No research topic restriction (letterature moderne e contemporanee) |

*) 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.

**Type of rankings**

- One ranking list for curriculum 1 “Filologia medievale” – 2 positions, of which: 1 position with UniPi scholarship, 1 position with Regione Toscana/Pegaso scholarship
- One ranking list for curriculum 2 “Letterature moderne” - 4 positions, of which: 2 with UnistraSI position, 1 Regione Toscana/Pegaso scholarship and 1 position with DFCLAM/ECCELLENZA scholarship
- One ranking list for curriculum 3 “Antropologia del mondo antico” - 2 positions, of which: 1 position with UniSi scholarship and 1 position with Regione Toscana/Pegaso scholarship
- One ranking list for the specific research topic - Lessicografia web based dell’italiano antico - 1 position with Regione Toscana/Pegaso scholarship
- One ranking list for the specific research topic - Lessicografia web based dell’italiano antico - 1 position with Regione Toscana/Pegaso scholarship
- One ranking list for the specific research topic - Lessicografia web based dell’italiano antico - 1 position with Regione Toscana/Pegaso scholarship
- One ranking list for a position with no scholarship (no research topic restriction: modern and contemporary literature)

N.B. It is possible to apply for more than one position. Applicants for the curriculum “Letterature moderne” with an adequate profile are also invited to apply for the position for the research topic “Lessicografia web based dell’italiano antico”

Candidates with projects on Italian language, philology and literature apply for a position in the curriculum “Letterature moderne”

**Documents required for evaluation (to be attached during online application)**

- **Curriculum vitae et studiorum**, containing a statement of the access title held with the issuing institution in addition to a list of any publications
- **Research project** (10 pages max. including bibliography)
- **Reference letters** (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided – see art. 3, paragraph 2 of the selection notice)
- English B2 certification, (not mandatory).
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.

Candidates who achieved (or will achieve by 31 October 2024) 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:
1. University issuing the degree
2. type of laurea – vecchio ordinamento/specialistica/magistrale
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 2024).

Candidates who achieved (or will achieve by 31 October 2024) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:
1. University issuing the degree
2. type of degree (min. duration four years) – Bachelor’s degree/ Master’s degree
3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:
- transcript – certification of the title with the list of exams and votes – with a translation in Italian or English
- Diploma supplement (if available).

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.

### Web site for further information
https://www.dfclam.unisi.it/it/ricerca/dottorati-di-ricerca/filologia-e-critica/presentazione

### Selection modalities
1) Evaluation of qualifications and research project  
2) Written examination  
3) Oral examinations

### Admission requirements
All master’s degrees  
Perfect knowledge of the Italian language (mother tongue or C2 level)

### Exam procedures
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 for eligibility in each evaluation.

#### A. EVALUATION AND TESTS (all ranking lists)
**EVALUATION OF CV AND RESEARCH PROJECT**
The Commission will examine all applications received. The presence of candidates is not allowed during the evaluation.  
The evaluation of titles (cv, letter/s of references) and of the research project, will be carried out according to the following criteria:  
- up to a maximum of 10 points for the CV;  
- up to a maximum of 16 points for the research project,  
- up to a maximum of 4 points for letter/s of references,

**Minimum score for eligibility: 18 / maximum score: 30**

**WRITTEN TEXT**
For the curricula in Medieval Philology (curriculum 1) and Modern Literatures (curriculum 2): Beginning with the analysis and commentary of a text in verse or prose from the medieval Romance, Germanic or Middle Latin literatures (curriculum 1) and modern European literatures
(curriculum 2), the candidate should show historical, philological, critical and methodological skills.

The candidate may choose from a list of texts belonging to the main medieval literatures (curriculum 1) and the main modern and contemporary European literatures (curriculum 2).

Minimum score for passing written test/maximum score: 25/40.

For the curriculum in Anthropology of the Ancient World (curriculum 3):

The candidate must translate a passage (of his/her choice) from either Greek or Latin, adding a commentary in which he/she must show historical, philological, critical, methodological and anthropological skills. Minimum score for passing written test/maximum score: 25/40.

For the subject-bound fellowship (Web-based lexicography of ancient Italian), the candidate will take the paper scheduled for Modern Literature, having a list of texts from within which he/she can choose. Minimum score for passing written test/maximum score: 25/40.

For the scholarship ex DM 629 (PNRR research), the candidates will prove their historical, critical, methodological competence through the analysis and commentary of a text, having a list of texts from the curricular area relevant to their research project. Minimum score for passing written test/maximum score: 25/40.

INTERVIEW

The interview is aimed at verifying the candidates’ research skills. Thus, in addition to discussing the written test and completing the assessment of methodological competence, it will focus on the research project. Candidates living abroad who can certify their impossibility to be present at the interview may request to hold it remotely via videoconference. In the latter case, the University of Siena does not assume responsibility for incomplete tests due to technical failures. The Committee will ensure the regularity of the online procedure through an identity check and a correct interview.

The interview for the positions on the research topics “Lessicografia web based” and DM 629 “Digital Humanities” aims at verifying the willingness to accept the research topic and the skills to carry it out.

For all applicants, the interview will include the assessment of the candidates’ knowledge of a second foreign language other than English (selected among French, German and Spanish).

Minimum score for eligibility: 17 / maximum score: 30

The results of each test will be published on the PhD web site.

| Dates of evaluation and exam(s) | Evaluation of CV and research project: The evaluation of the CV and the research project, together with the list of candidates admitted to the written text, will be published within Wednesday, 23 August 2024, on the website: https://www.dfclam.unisi.it/it/ricerca/dottorati-di-ricerca/filologia-e-critica/ammissione. Candidates will receive no further communication related to the selection process. Written text: 27 August 2024, at 9:00 (Italian time) - Venue: Dipartimento di Filologia e critica delle Letterature antiche e moderne, Palazzo San Niccolò, 4th floor, Via Roma 56, Siena. Interview: 4 and 5 September 2024. Interviews will be held at the Department of “Filologia e critica delle Letterature antiche e moderne”, Palazzo San Niccolò, Via Roma 56, Siena. Interviews will be in presence for all candidates except those applying for the position reserved to students with a foreign degree; these latter will receive a communication with the details of the videoconference. Any additional information about the interviews will be published on the PhD website: https://www.dfclam.unisi.it/it/ricerca/dottorati-di-ricerca/filologia-e-critica/ammissione. The composition of the committee will be published after the deadline for submitting applications. |
PhD in Experimental Physics

Coordinator
Riccardo Paoletti, paoletti@unisi.it

Department
Scienze Fisiche, della Terra e dell’Ambiente

Attendance
Mandatory

Open positions
4

Of which:

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>3</td>
<td>No research topic restrictions</td>
</tr>
<tr>
<td>B.</td>
<td>1</td>
<td>Specific research topic: Nuove tecnologie ed algoritmi per misure in campioni biologici (6 months abroad, traineeship 6 months)</td>
</tr>
</tbody>
</table>

Type of rankings
- Single ranking list for positions with no research topic restriction (position A)
- Stand-alone ranking list for the position with DM 630 scholarship (position B)

Documents required for evaluation (to be attached during online application)
- **Curriculum vitae**, containing a statement of the access title held with the issuing institution in addition to a list of publications
- **Research project** (max. 2 pages)
- **Reference letters** if available (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided – see art. 3, paragraph 2 of the selection notice)
- **Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento or equivalent foreign degree translated into Italian, English or French** (max. 2 pages)
- **English language certification, level B2**, if available (optional)

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.

Candidates who achieved (or will achieve by 31 October 2024) 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:
1. University issuing the degree
2. Type of degree – vecchio ordinamento/specialistica/magistrale
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 2024).

Candidates who achieved (or will achieve by 31 October 2024) their **degree at a foreign university** (with a duration of at least four years) must specify in their curriculum:
1. University issuing the degree
2. Type of degree (min. duration four years) – Bachelor’s degree/ Master’s degree
3. Date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:
- **Transcript** – certification of the title with the list of exams and votes – with a translation in Italian or English
- **Diploma supplement** (if available).

**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).
<table>
<thead>
<tr>
<th>Web site for further information</th>
<th><a href="https://www.dsfta.unisi.it/it/didattica/post-laurea/dottorati/dottorato-fisica-sperimentale">https://www.dsfta.unisi.it/it/didattica/post-laurea/dottorati/dottorato-fisica-sperimentale</a></th>
</tr>
</thead>
</table>
| Selection modalities            | ● Evaluation of qualifications  
                                  ● Evaluation of research project (in English)                                               |
| 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                 | The minimum score for eligibility is 60/100.  
                                  **Evaluation of qualifications**  
                                  Up to maximum 55 points of which  
                                  - up to maximum 35 points for the Curriculum Vitae et studiorum,  
                                  - up to maximum 10 points for the reference letters,  
                                  - up to maximum 10 points for the thesis abstract.  
                                  **Evaluation of research project:**  
                                  - Up to maximum 45 points.  
                                  During the evaluation the candidates cannot be present.  
                                  The results of each test will be published on the PhD website and communicated to the participants by the selection committee. |
| Dates of evaluation and exam(s) | Evaluation of qualifications and research project: date(s) to be fixed |
| 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 degli Studi di Firenze and Università di Pisa

Coordinator Ilaria Meloni, ilaria.meloni@unisi.it

Department Biotecnologie Mediche

Attendance mandatory

Open positions 13

Of which:

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>1 University of Siena</td>
<td>No research topic restriction</td>
</tr>
<tr>
<td>B.</td>
<td>1 University of Firenze</td>
<td>No research topic restriction</td>
</tr>
<tr>
<td>C.</td>
<td>1 University of Siena / UniSI DSMCN (Lazzerini)</td>
<td>Caratterizzazione del rischio aritmico in pazienti affetti da tumori solidi</td>
</tr>
<tr>
<td>D.</td>
<td>1 University of Siena / UniSI DSMCN (Rubegni)</td>
<td>Sviluppo di tools per migliorare l’accuratezza diagnostica del melanoma cutaneo</td>
</tr>
<tr>
<td>E.</td>
<td>1 University of Pisa / A.G.I Medica S.r.l</td>
<td>Ottimizzazione dal punto di vista molecolare del percorso di PGT</td>
</tr>
<tr>
<td>F.</td>
<td>3 Regione Toscana – Pegaso*</td>
<td>No research topic restriction (6 months abroad)</td>
</tr>
<tr>
<td>G.</td>
<td>1 Regione Toscana – Pegaso*</td>
<td>Specific research topic: NGS of DNA Liquid Biopsy for cancer Targeted Therapy (6 months abroad, traineeship 3 months)</td>
</tr>
<tr>
<td>H.</td>
<td>1 MUR /Gea.Lab S.r.l</td>
<td>PNRR research under the terms of DM 630 of 24 April 2024: Studio clinico e molecolare per la prevenzione del rischio cardiovascolare in pazienti con infezione da SARS-CoV2 e/o malattia COVID-19 (CardioSars II) (estero 6 mesi, tirocinio 6 mesi)</td>
</tr>
</tbody>
</table>

Positions without scholarship

| I. | 3 // | No research topic restriction |

*) 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.

Type of rankings

- Single ranking list for positions with scholarship and no research topic restriction (positions A, B, F)
- Stand-alone ranking list for positions with scholarship and specific research topic (positions C-E, G)
- Stand-alone ranking list for the position with DM 630 scholarship (position H)
- Stand-alone ranking list for positions without scholarship (position I)

Documents required for evaluation (to be attached during online application)

- **Curriculum vitae**, containing a statement of the access title held with the issuing institution in addition to a list of publications
- **Research project written in English** (max. 2-3 pages) and made up of **Background** (max. 400 words); **Aims** (max. 400 words); **Methods** (max. 300 words) e **Expected Results** (max. 300 words)
- **Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento** or equivalent foreign degree translated into Italian, English or French (max. 1 page)
- **Reference letters** if available (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided – see art. 3, paragraph 2 of the selection notice)
- **English language certification**, level B2, if available (optional)

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.
Candidates who achieved (or will achieve by 31 October 2024) 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:

- University issuing the degree
- type of laurea – vecchio ordinamento/specialistica/magistrale
- degree course name
- list of examinations with votes
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates who achieved (or will achieve by 31 October 2024) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:

- University issuing the degree
- type of degree (min. duration four years) – Bachelor’s degree/ Master’s degree
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:

- transcript – certification of the title with the list of exams and votes – with a translation in Italian or English
- Diploma supplement (if available).

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).

<table>
<thead>
<tr>
<th>Web site for further information</th>
<th><a href="http://genomec.dbm.unisi.it/">http://genomec.dbm.unisi.it/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Selection modalities</td>
<td>Evaluation of qualifications and curriculum vitae</td>
</tr>
<tr>
<td></td>
<td>Evaluation of research project (in English)</td>
</tr>
<tr>
<td>Admission requirements</td>
<td>All master's degrees</td>
</tr>
<tr>
<td>Exam procedures</td>
<td>The minimum score for eligibility is 60/100.</td>
</tr>
<tr>
<td></td>
<td><strong>Evaluation of qualifications.</strong> During the evaluation the candidates cannot be present. Up to maximum 65 points.</td>
</tr>
<tr>
<td></td>
<td><strong>Evaluation of research project.</strong> During the evaluation the candidates cannot be present. - Up to maximum 35 points.</td>
</tr>
<tr>
<td></td>
<td>The results of each test will be published on the PhD website and communicated to the participants by the selection committee.</td>
</tr>
<tr>
<td>Dates of evaluation and exam(s)</td>
<td>Evaluation of qualifications and research project: 6 September 2024</td>
</tr>
<tr>
<td>Selection committee</td>
<td>The composition of the committee will be published after the deadline for submitting applications.</td>
</tr>
</tbody>
</table>
PhD in Information Engineering and Science

Coordinator: Mauro Barni, mauro.barni@unisi.it
Department: Ingegneria dell’Informazione e Scienze Matematiche, DIISM
Attendance: not mandatory
Open positions: 6

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>Leonardo S.p.A.</td>
<td>Designing and applying Graph neural networks for high sensitive contexts in the space and defense area both for trustworthiness and sustainability purposes</td>
</tr>
<tr>
<td>B.</td>
<td>International Centre for Genetic Engineering and Biotechnology (ICGEB)</td>
<td>Progettazione e sviluppo di dispositivi robotici e meccatronici indossabili basati su tecnologie pneumatiche</td>
</tr>
<tr>
<td>C.</td>
<td>Fondi di ricerca DIISM UniSI (Progetto HARIA)</td>
<td>Sviluppo di interfacce sensomotorie intelligenti dotate di sistema di tracking e di attuazione per il monitoraggio del corpo e il feedback tattile</td>
</tr>
<tr>
<td>D.</td>
<td>Fondi di ricerca DIISM UniSI (Huawei – AEE Lab)</td>
<td>Next generation high efficiency base station array antennas</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Positions with DM 630 scholarship</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. 1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Positions without scholarship</th>
</tr>
</thead>
<tbody>
<tr>
<td>F. 1 //</td>
</tr>
</tbody>
</table>

Type of rankings
- Stand-alone ranking list for each position

Documents required for evaluation (to be attached during online application)
- Curriculum vitae et studiorum containing a statement of the access title held with the issuing institution in addition to a list of any publications
- Research project (max 3 pages + bibliographical references)
- Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento or equivalent foreign degree translated into Italian, English or French (max. 2 pages)
- English language certification, level B2, if available (optional)

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.

Candidates who achieved (or will achieve by 31 October 2024) 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:
1. University issuing the degree
2. type of laurea – vecchio ordinamento/specialistica/magistrale
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 2024).

Candidates who achieved (or will achieve by 31 October 2024) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:
1. University issuing the degree
2. type of degree (min. duration four years) – Bachelor’s degree/ Master’s degree
3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:
- **transcript** – certification of the title with the list of exams and votes – with a translation in Italian or English
- **Diploma supplement** (if available).

**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.

<table>
<thead>
<tr>
<th>Web site for further information</th>
<th><a href="http://phdies.ing.unisi.it/">http://phdies.ing.unisi.it/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Selection modalities</strong></td>
<td>Evaluation of qualifications and curriculum</td>
</tr>
<tr>
<td></td>
<td>Evaluation of the research project (in English)</td>
</tr>
<tr>
<td></td>
<td>Interview</td>
</tr>
<tr>
<td><strong>Admission requirements</strong></td>
<td>All master’s degrees (<em>lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento</em>)</td>
</tr>
<tr>
<td><strong>Exam procedures</strong></td>
<td>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</td>
</tr>
<tr>
<td></td>
<td><strong>Evaluation of qualifications and curriculum</strong> – up to a maximum of 45 points</td>
</tr>
<tr>
<td></td>
<td><strong>Evaluation of research project</strong> – up to a maximum of 25 points</td>
</tr>
<tr>
<td></td>
<td>Only candidates who have obtained a score of 40 or more (out of 70) for their qualifications, CV and research project will be admitted to the interview.</td>
</tr>
<tr>
<td></td>
<td><strong>Interview</strong> – up to a maximum of 30 points, minimum score 20</td>
</tr>
<tr>
<td></td>
<td>The interview will be held online via Gmeet on 24 July 2024 from 9:30 (Italian time) until 19:00.</td>
</tr>
<tr>
<td></td>
<td>The link to the meeting room is: <a href="https://meet.google.com/guw-pkrt-ats">https://meet.google.com/guw-pkrt-ats</a>. Candidates must be present at 9:30.</td>
</tr>
<tr>
<td></td>
<td>Minimum scores are:</td>
</tr>
<tr>
<td></td>
<td>- <strong>40</strong>, out of <strong>70</strong>, for qualifications, curriculum and research project</td>
</tr>
<tr>
<td></td>
<td>- <strong>20</strong>, out of <strong>30</strong>, for the interview</td>
</tr>
<tr>
<td></td>
<td>- <strong>60</strong>, out of <strong>100</strong>, as overall score.</td>
</tr>
<tr>
<td></td>
<td>The list of applicants admitted to the interview will be announced via videoconference (at the following link <a href="https://meet.google.com/guw-pkrt-ats">https://meet.google.com/guw-pkrt-ats</a>) at 9:30 (Italian time) of 24 July 2024.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dates of evaluation and exam(s)</th>
<th><strong>Interview - online via Gmeet</strong> (<a href="https://meet.google.com/guw-pkrt-ats">https://meet.google.com/guw-pkrt-ats</a>), <strong>24 July 2024, from 9:30</strong> (Italian time)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Selection committee</strong></td>
<td>The composition of the committee will be published after the deadline for submitting applications.</td>
</tr>
</tbody>
</table>
PhD in Molecular Medicine
Administrative seat Università degli Studi di Siena - in collaboration con: Università di Pisa e Università degli Studi di Firenze

Coordinator Vincenzo Sorrentino, vincenzo.sorrentino@unisi.it
Department Medicina Molecolare e dello Sviluppo
Attendance mandatory
Open positions 12

Of which:

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. 2</td>
<td>Università di Siena</td>
<td>No research topic restriction</td>
</tr>
<tr>
<td>B. 1</td>
<td>Università di Firenze</td>
<td>No research topic restriction</td>
</tr>
<tr>
<td>C. 1</td>
<td>Università di Pisa</td>
<td>No research topic restriction</td>
</tr>
<tr>
<td>D. 3</td>
<td>Regione Toscana-Pegaso*</td>
<td>No research topic restriction (6 months abroad)</td>
</tr>
<tr>
<td>E. 1</td>
<td>Regione Toscana-Pegaso*</td>
<td>Specific research topic: Understanding the mechanism behind heat stress physiopathological effects on skeletal muscle: striving for a possible prevention strategy (0 months abroad, traineeship 3 months)</td>
</tr>
<tr>
<td>F. 1</td>
<td>MUR/Takis srl</td>
<td>Specific research topic: Sviluppo di vaccini antitumorali (6 months abroad, traineeship 6 months)</td>
</tr>
<tr>
<td>G. 1</td>
<td>MUR/Fondazione Magna Grecia</td>
<td>Specific research topic: Intelligenza artificiale nelle biotecnologie della riproduzione umana: innovazione e potenzialità (6 months abroad, traineeship 6 months)</td>
</tr>
<tr>
<td>H. 2</td>
<td>//</td>
<td>No research topic restriction</td>
</tr>
</tbody>
</table>

*) 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

Type of rankings
- Single ranking list for positions without research topic restriction (positions A, B, C, D, H)
- Stand-alone ranking list for positions with specific research topic (positions E, F, G)

Documents required for evaluation (to be attached during online application)
- Curriculum vitae, containing a statement of the access title held with the issuing institution in addition to a list of publications
- Research project (optional; max. 2 pages)
- Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento or equivalent foreign degree translated into Italian, English or French (max. 2 pages)
- English language certification, level B2, if available (optional)

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.

Candidates who achieved (or will achieve by 31 October 2024) 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:
- University issuing the degree
- type of laurea – vecchio ordinamento/specialistica/magistrale
- degree course name
- list of examinations with votes
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates who achieved (or will achieve by 31 October 2024) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:
- University issuing the degree
- type of degree (min. duration four years) – *Bachelor’s degree/ Master’s degree*
- date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:
- **transcript** – certification of the title with the list of exams and votes – with a translation in Italian or English
- **Diploma supplement** (if available).

**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.

**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 and curriculum vitae
Interview

**Admission requirements**
The following master’s degrees (or equivalent degrees):
- LM-6 Biologia
- LM-9 Biotecnologie mediche, veterinarie e farmaceutiche
- LM-13 Farmacia e farmacia industriale
- LM-13. Farmacia e farmacia industriale
- LM-17 Fisica
- LM-18 Informatica
- LM-21 Ingegneria biomedica
- LM-22 Ingegneria chimica
- LM-32 Ingegneria informatica
- LM-41 Medicina e chirurgia
- LM-42 Medicina veterinaria
- LM-51 Psicologia
- LM-54 Scienze chimiche
- LM-55 Scienze cognitive
- LM/SNT1 Scienze infermieristiche e ostetriche
- LM/SNT2 Scienze riabilitative delle professioni sanitarie
- LM/SNT3 Scienze delle professioni sanitarie tecniche
- LM/SNT4 Scienze delle professioni sanitarie della prevenzione

**Exam procedures**
The overall score is the sum of the scores obtained in the individual assessments and tests. The **minimum score** for eligibility is **60/100**.

**Evaluation of qualifications and curriculum**:
- minimum score **15 points** – maximum score **30 points**.
- The minimum score for admission to the interview is **15 points**.

**Interview**: minimum score **45 points** – maximum score **70 points**.
The purpose of the interview will be to assess the applicants’ prior experience and English proficiency. For scholarships with specific research topic and those with a mandatory stay abroad, the willingness to accept the research topic and/or to carry out the period abroad will be assessed during the interview.

**The results of each test will be published on the PhD website**
(https://www.dmms.unisi.it/it/didattica/post-laurea/dottorato-di ricerca/dottorato medicina-molecolare/ammissione-al-dottorato-1)

**Dates of evaluation and exam(s)**
**Evaluation of qualifications**: The lists of candidates admitted to the interview based on the evaluation of qualifications and curriculum will be published on the website of the PhD in Molecular Medicine (https://www.dmms.unisi.it/it/didattica/post-laurea/dottorato-di-
**Interview:** The interview will be held on **31 July 2024 at 09:00 (Italian time)** at PoloScientifico San Miniato, Università di Siena, via Aldo Moro 2, Siena. The interview room will be indicated on the PhD webpage.

**Selection committee**

The composition of the committee will be published after the deadline for application.
PhD in Traslazional and Precision Medicine
Coordinator Francesco Dotta, francesco.dotta@unisi.it
Department Scienze Mediche, Chirurgiche e Neuroscienze
Attendance mandatory
Open positions 5
di cui:

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>3 University di Siena</td>
<td>No research topic restriction</td>
</tr>
<tr>
<td>B.</td>
<td>1 MUR / Chiesi Farmaceutici</td>
<td>Respiratory diseases (6 months abroad, traineeship 6 months)</td>
</tr>
<tr>
<td>C.</td>
<td>1 //</td>
<td>No research topic restriction</td>
</tr>
</tbody>
</table>

Type of rankings
- Single ranking list for positions without research topic restriction (positions A & C)
- Stand-alone ranking list for position with DM 630 scholarship (position B)

Documents required for evaluation (to be attached during online application)
- Curriculum vitae, containing a statement of the access title held with the issuing institution in addition to a list of publications
- Research project (optional; max. 3 pages)
- Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento or equivalent foreign degree translated into Italian, English or French (max. 1 page)
- Reference letters if available (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided – see art. 3, paragraph 2 of the selection notice)
- English language certification, level B2, if available (optional)

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.

Candidates who achieved (or will achieve by 31 October 2024) 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:
1. University issuing the degree
2. type of laurea – vecchio ordinamento/specialistica/magistrale
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 2024).

Candidates who achieved (or will achieve by 31 October 2024) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:
1. University issuing the degree
2. type of degree (min. duration four years) – Bachelor’s degree/ Master’s degree
3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:
- transcript – certification of the title with the list of exams and votes – with a translation in Italian or English
- Diploma supplement (if available).

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).
<table>
<thead>
<tr>
<th><strong>Web site for further information</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Selection modalities</strong></td>
<td>Evaluation of qualifications</td>
</tr>
<tr>
<td></td>
<td>Oral examination</td>
</tr>
<tr>
<td><strong>Admission requirements</strong></td>
<td>All master’s degrees</td>
</tr>
<tr>
<td><strong>Exam procedures</strong></td>
<td>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</td>
</tr>
<tr>
<td></td>
<td>Evaluation of qualifications:</td>
</tr>
<tr>
<td></td>
<td>During the evaluation candidates cannot be present.</td>
</tr>
<tr>
<td></td>
<td>Minimum score 20 points/maximum score 40 points</td>
</tr>
<tr>
<td></td>
<td>Oral examination:</td>
</tr>
<tr>
<td></td>
<td>Presentation (duration 10-15 minutes), and discussion of the research project to be carried out in English language. The oral examination will be carried out by videoconference.</td>
</tr>
<tr>
<td></td>
<td>Minimum score 40 points/maximum score 60 points</td>
</tr>
<tr>
<td></td>
<td><strong>The results of each test will be published on the PhD website.</strong></td>
</tr>
<tr>
<td><strong>Dates of evaluation and exam(s)</strong></td>
<td>Oral examination: <strong>5 September 2024</strong>, at 9:30 (Italian time)</td>
</tr>
<tr>
<td><strong>Selection committee</strong></td>
<td>The composition of the committee will be published after the deadline for application.</td>
</tr>
</tbody>
</table>
PhD in Scienze della Vita – Life Sciences
Administrative seat Università degli Studi di Siena - in collaboration with Università di Pisa, Università di Firenze and CNR-IBE

Coordinator Simona Maccherini, simona.maccherini@unisi.it
Department Scienze della Vita (DSV)
Attendance mandatory
Open positions 13
Of which:

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>1</td>
<td>Università di Siena</td>
</tr>
<tr>
<td>B.</td>
<td>1</td>
<td>Università di Siena / BioEsperia</td>
</tr>
<tr>
<td>C.</td>
<td>1</td>
<td>Università di Pisa</td>
</tr>
<tr>
<td>D.</td>
<td>1</td>
<td>Università di Firenze</td>
</tr>
<tr>
<td>E.</td>
<td>1</td>
<td>Regione Toscana - Pegaso*</td>
</tr>
<tr>
<td>F.</td>
<td>1</td>
<td>Regione Toscana – Pegaso*</td>
</tr>
<tr>
<td>G.</td>
<td>1</td>
<td>Regione Toscana – Pegaso*</td>
</tr>
<tr>
<td>H.</td>
<td>1</td>
<td>Regione Toscana – Pegaso*</td>
</tr>
<tr>
<td>I.</td>
<td>1</td>
<td>Regione Toscana – Pegaso*</td>
</tr>
<tr>
<td>J.</td>
<td>1</td>
<td>Regione Toscana – Pegaso*</td>
</tr>
<tr>
<td>K.</td>
<td>1</td>
<td>CNR-IBE</td>
</tr>
</tbody>
</table>

**Positions with DM 630 scholarship**

| L. | 1 | MUR / Vismederi srl | Sviluppo e validazione di metodi bioanalitici per la valutazione di test sierologici e cellulari per la caratterizzazione di malattie infettive emergenti (DEVINF) (6 months, traineeship 6 months) |
| M. | 1 | MUR / CREA-DC | Nuove frontiere nella lotta fitosanitaria a basso impatto ambientale: uso di batteri simbionti isolati da nematodi entomopatogeni per il controllo di Popillia japonica (6 months, traineeship 6 months) |

*) 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

**Type of rankings**

**Stand-alone ranking list for each position**

**Documents required for evaluation (to be attached during online application)**

- *Curriculum vitae et studiorum*, containing a statement of the access title held with the issuing institution in addition to a list of any publications
- *Cover letter* in English: description of motivations for attending the PhD in Scienze della Vita – Life Sciences with any references to the interest in the project(s) for which the candidate intends to apply. The cover letter can be the same for each project.
- *Thesis abstract* of Laurea Magistrale/Specialistica/vecchio ordinamento or equivalent foreign degree translated into Italian, English or French (max. 2 pages)
- *Reference letters* if available (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the
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.

Candidates who achieved (or will achieve by 31 October 2024) 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:
1. University issuing the degree
2. type of laurea – vecchio ordinamento/specialistica/magistrale
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 2024).

Candidates who achieved (or will achieve by 31 October 2024) their **degree at a foreign university** (with a duration of at least four years) must specify in their curriculum:
1. University issuing the degree
2. type of degree (min. duration four years) – Bachelor’s degree/ Master’s degree
3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:
- **transcript** – certification of the title with the list of exams and votes – with a translation in Italian or English
- **Diploma supplement** (if available).

**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.

### Web site for further information
https://www.dsv.unisi.it/it/didattica/post-laurea/dottorati

### Selection modalities
<table>
<thead>
<tr>
<th>Admission requirements</th>
<th>Evaluation of qualifications</th>
<th>Oral examination</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>All masters’ degrees</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Exam procedures
- The **minimum score** for eligibility is **60/100**.
- **Evaluation of qualifications:** Candidates are not allowed to be present during the evaluation. Minimum score for admission to the interview: 20 (maximum 40).
- **Oral examination:** during interview, the willingness to accept the research topic will be ascertained. Minimum score for passing the oral examination: 40 (maximum 60).

The results of each test will be published on the PhD website (see link above) and communicated by the selection committee to the candidates.

### Dates of evaluation and exam(s)
- Evaluation of qualifications: 25 July 2024
- Oral examination: **5 August 2024** (if necessary examinations will continue on 6 August 2024)

### Selection committee
The composition of the committee will be published after the deadline for application.
Dottorato in Environmental, Geological and Polar Sciences and Technologies

Coordinator: Letizia Marsili <letizia.marsili@unisi.it>
Department: Scienze Fisiche, della Terra e dell’Ambiente DSFTA
Attendance: mandatory
Open positions: 8
di cui:

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>1 Università di Siena</td>
<td>No research topic restriction</td>
</tr>
<tr>
<td>B.</td>
<td>1 Università di Siena / INGV</td>
<td>Airborne laser scanning of normal fault scarps in central Italy for high resolution morphometric analyses and active tectonics estimates</td>
</tr>
<tr>
<td>C.</td>
<td>1 Università di Siena / DSFTA UniSi</td>
<td>Chemical characterization of active compounds from natural products and by-products and evaluation of their bioactivity for phytotherapeutic, phytopharmaceutical and nutraceutical applications</td>
</tr>
<tr>
<td>D.</td>
<td>1 Università di Siena / DSFTA UniSi</td>
<td>Advancement in GHG emission accounting and identification of key factors for decarbonization</td>
</tr>
<tr>
<td>E.</td>
<td>1 Università di Siena / DSFTA UniSi</td>
<td>Astronomical cyclicity and microfaunal changes as interpretative keys for the climatic transition at the Pliocene-Pleistocene boundary in the Mediterranean Area</td>
</tr>
</tbody>
</table>

Positions with DM 629/2024 scholarship

| F. | 1 MUR / Università di Siena | Ambito Transizioni digitali ed ambientali - Riduzione delle emissioni inquinanti; transizione verde; prevenzione e contrasto al dissesto del territorio; riduzione dell’impatto delle attività produttive sull’ambiente al fine di migliorare la qualità della vita; circolarità e biodiversità delle risorse; sicurezza ambientale (6 months abroad, traineeship 6 months) |

Positions without scholarship

| G. | 2 // | No research topic restriction |

Type of rankings

- Single ranking list for positions with no research topic restriction (positions A & G)
- Stand-alone ranking list for positions with specific research topic (positions B-E)
- Stand-alone ranking list for positions with DM 629 scholarship (position F)

Documents required for evaluation (to be attached during online application)

- **Curriculum vitae et studiorum** containing a statement of the access title held with the issuing institution in addition to a list of any publications
- **Research project** (3 pages max. see facsimile on the PhD website)
- **Thesis abstract** of Laurea Magistrale/Specialistica/vecchio ordinamento or equivalent foreign degree translated into Italian, English or French (2 pages max.)
- English language certification, level B2, if available (optional)

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.

Candidates who achieved (or will achieve by 31 October 2024) 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:

1. University issuing the degree
2. type of laurea – vecchio ordinamento/specialistica/magistrale
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 2024).

Candidates who achieved (or will achieve by 31 October 2024) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:

1. University issuing the degree

32
2. type of degree (min. duration four years) – *Bachelor’s degree/ Master’s degree*

3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:

- **transcript** – certification of the title with the list of exams and votes – with a translation in Italian or English
- **Diploma supplement** (if available).

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.

|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Selection modalities            | **Evaluation of qualifications and research project (in English language)**  
                                   | **Interview (including English language test)**                                                                                                                                                   |
| Admission requirements          | All master’s degrees                                                                                                                                                                               |
| Exam procedures                 | The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.                                                             |
|                                  | **Evaluation of qualifications and research project.** During the evaluation candidates cannot be present. Qualifications: minimum score 10 points/maximum score 20 points  
                                  | Research project: minimum score 10 points/maximum score 20 points  
                                  | Minimum score to be admitted to the interview is 20 points.                                                                                                                                       |
|                                  | **Interview.** The interview will focus on the research project presented and the activities the candidate intends to carry out during the three-year course. English language knowledge will also be assessed.  
                                  | Minimum score 40 points/maximum score 60 points  
                                  | The results of each test will be published on the PhD website.                                                                                                                                 |
| Dates of evaluation and exam(s) | Evaluation of qualifications: 6 August 2024  
                                  | **Interview: 5 September 2024, 10:00 (Italian time),** Complesso didattico Pian dei Mantellini  
                                  | Selection committee | The composition of the committee will be published after the deadline for application.                                                                                                               |
**PhD in Legal Sciences**

**Coordinator**  
Alessandro Palmieri <alessandro.palmieri@unisi.it>

**Department**  
Giurisprudenza DGIUR

**Curricula**  
Curriculum 1: curriculum privatistico  
Curriculum 2: curriculum pubblicistico  
Curriculum 3: curriculum internazional-comparatistico, giusfilosofico e storico-giuridico

**Attendance**  
mandatory

**Open positions**  
4 of which

<table>
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<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
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<tbody>
<tr>
<td>A.</td>
<td>A.</td>
<td>Università di Siena</td>
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</table>

**Positions with DM 629 scholarship**

| B. | B. | MUR / Università di Siena | Research topic: “Protection of vulnerable subjects in the framework of the digital and green transition” (see art. 9, D.M. 629/2024) (6 months abroad, traineeship 6 months) |

**Type of rankings**
- Stand-alone ranking list for curriculum 1 for 1 position with scholarship and no research topic restriction (position A)
- Stand-alone ranking list for curriculum 2 for 1 position with scholarship and no research topic restriction (position A)
- Stand-alone ranking list for curriculum 3 for 1 position with scholarship and no research topic restriction (position A)
- Stand-alone ranking list for 1 position with DM 629/2024 scholarship (position B)

N.B.: If no candidate is eligible for any of the curricula in Position A, the scholarship will be awarded to the eligible candidate with the highest score in the other curricula in position A.

**Documents required for evaluation (to be attached during online application)**
- **Curriculum vitae et studiorum**, containing a statement of the access title held with the issuing institution in addition to a list of any publications
- **Research project**, in Italian or English (max 4 pages, line spacing 1.5, including main bibliographical references)
- **Thesis abstract** of Laurea Magistrale/Specialista/vecchio ordinamento or equivalent foreign degree translated into Italian, English or French (max. 2 pages)
- **Reference letters** (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided) – deadline for reference letters is 22 July 2024
- English language certification, level B2, if available (optional)

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.

Candidates who achieved (or will achieve by 31 October 2024) 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:
1. University issuing the degree
2. type of laurea – vecchio ordinamento/specialistica/magistrale
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 2024).

Candidates who achieved (or will achieve by 31 October 2024) their **degree at a foreign university** (with a duration of at least four years) must specify in their curriculum:
1. University issuing the degree
### Admission requirements

- Master’s degree in one of the following classes:
  - LMG/01 Classe delle lauree magistrali in giurisprudenza
  - LM-52 Relazioni internazionali
  - LM-56 Scienze dell’economia
  - LM-62 Scienze della politica
  - LM-63 Scienze delle pubbliche amministrazioni
  - LM-77 Scienze economico-aziendali
  - LM/SC-GIUR Scienze Giuridiche
  - 22/S (specialistiche in giurisprudenza)
  - 64/S (specialistiche in scienze dell’economia)
  - 70/S (specialistiche in scienze della politica)
  - 71/S (specialistiche in scienze delle pubbliche amministrazioni)
  - 84/S (specialistiche in scienze economico-aziendali)
  - 102/S (specialistiche in teoria e tecniche della normazione e dell’informazione giuridica)

### Exam procedures

- The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.

#### Evaluation of qualifications and research project

Candidates are not allowed to be present during the evaluation.

Maximum score: 25

The score will be assigned as follows:

- **a)** Master’s degree grade
  - 110/110 cum laude: 12 points
  - 110/110: 10 points
  - from 108/110 to 109/110: 8 points
  - from 106/110 to 107/110: 6 points
  - from 104/110 to 105/110: 4 points
  - from 102/110 to 103/110: 3 points
  - from 100/110 to 101/110: 2 points
  - up to 99/110: 1 point

- **b)** Other qualifications, included in the curriculum vitae and studiorum: up to 7 points

- **c)** Research project, with respect to coherence with the curriculum and the position for which the application is submitted, mastery of legal language, formal care and ability to summarize: up to 6 points

The minimum score to be admitted to the written examination is 13.

### Written examination

The written examination, which applicants can carry out in Italian or English, consists of a theme on a track chosen among those prepared by the examining commission, mainly characterized by an interdisciplinary approach.

Maximum score: 40 points
The minimum score to be admitted to the interview is 24 points.

**Interview.** The interview, which applicants can carry out in Italian or English, will deal with the proposed research project, and its connections with the discipline to which it refers. If the interview is carried out in Italian, the knowledge of the English language will be also assessed. Maximum score: 35

The results of each test will be communicated to the applicants via the online platform used for the application.

| Dates of evaluation and exam(s) | Evaluation of qualifications: 3 September 2024  
Written examination: **5 September 2024**, 9:00 (Italian time) (Via Mattioli, 10, Siena)  
Interview: **6 September 2024**, 9:00 (Italian time) (Via Mattioli, 10, Siena) |
<table>
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<tbody>
<tr>
<td>Selection committee</td>
<td>The composition of the committee will be published after the deadline for application.</td>
</tr>
</tbody>
</table>
PhD in Social Sciences and Humanities
Coordinator Mattia Guidi <mattia.guidi@unisi.it>
Department Scienze sociali, politiche e cognitive (DISPOC)
Attendance Mandatory
Open positions 5

<table>
<thead>
<tr>
<th>n.</th>
<th>Funding institution(s)</th>
<th>Research topic</th>
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<tbody>
<tr>
<td>A</td>
<td>3</td>
<td>No research topic restriction</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>“Public administration” under the terms of DM 629 of 24 April 2024 (6 months abroad, traineeship 6 monts)</td>
</tr>
<tr>
<td>C</td>
<td>1</td>
<td>No research topic restriction</td>
</tr>
</tbody>
</table>

Type of rankings
- Single ranking list for position without research topic restriction (positions A e C)
- Stand-alone ranking list for position with DM 629 scholarship (positions B)

Documents required for evaluation (to be attached during online application)
- Curriculum vitae et studiorum containing a statement of the access title held with the issuing institution in addition to a list of any publications
- Research project (8,000 characters max., including spaces) written in English, which should include the state of the art, objectives and expected results of the research
- Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento or equivalent foreign degree translated into Italian, English or French (max. 2 pages)
- Reference letters (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided – see art. 3, paragraph 2 of the selection notice)
- English language certification, level B2, if available (optional)

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.

Candidates who achieved (or will achieve by 31 October 2024) 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:
1. University issuing the degree
2. type of laurea – vecchio ordinamento/specialistica/magistrale
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 2024).

Candidates who achieved (or will achieve by 31 October 2024) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:
1. University issuing the degree
2. type of degree (min. duration four years) – Bachelor’s degree/ Master’s degree
3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2024).

Candidates with a foreign degree must attach to the online presentation also the following documentation:
- transcript – certification of the title with the list of exams and votes – with a translation in Italian or English
- Diploma supplement (if available).

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).

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</tr>
<tr>
<td></td>
<td>Interview (including English language test)</td>
</tr>
<tr>
<td>Admission requirements</td>
<td>All master’s degrees</td>
</tr>
<tr>
<td>Exam procedures</td>
<td>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</td>
</tr>
<tr>
<td></td>
<td><strong>Evaluation of qualifications and research project.</strong> Candidates are not allowed to be present during the evaluation. Up to a maximum of 20 points may be attributed for the evaluation of qualifications. Up to a maximum of 40 points may be attributed for the evaluation of the project. The minimum score for admission to the interview is 50 points.</td>
</tr>
<tr>
<td></td>
<td><strong>Interview.</strong> The interview, conducted in English, will focus on the research project presented and the activities the candidate intends to carry out during the three-year course. English language knowledge will also be ascertained. A maximum of 40 points will be assigned for the evaluation of the interview.</td>
</tr>
<tr>
<td></td>
<td>The results of each test will be published on the PhD website (<a href="https://www.dispoc.unisi.it/it/ricerca/dottorato-di-ricerca/social-sciences-and-humanities">https://www.dispoc.unisi.it/it/ricerca/dottorato-di-ricerca/social-sciences-and-humanities</a>).</td>
</tr>
<tr>
<td>Dates of evaluation and exam(s)</td>
<td>Evaluation of qualifications: <strong>30 August 2024</strong></td>
</tr>
<tr>
<td></td>
<td>Interview: <strong>9 September 2024</strong> (ore 9.00)</td>
</tr>
<tr>
<td>Selection committee</td>
<td>The composition of the committee will be published after the deadline for application.</td>
</tr>
</tbody>
</table>