



UNIVERSITÀ  
DI SIENA  
1240



Finanziato  
dall'Unione europea  
NextGenerationEU

Programma finanziato nell'ambito del PNRR

UFFICIO PER IL DOTTORATO DI RICERCA

**Disclaimer:** This document is a non-official version of the PhD programme selection notice meant to provide information in English – only the Italian version approved with Rectoral Decree n. 1448/2022, Prot. N. 146289 of 07/07/2022 shall be legally binding.

**Call for application for admission to PhD programmes of the University of Siena, 38<sup>th</sup> cycle, academic year 2022/2023**

**THE RECTOR**

*Applicable Laws and Regulations* available only in the Italian official version of the notice

**DECREES**

1. A public selection is open for admission to doctoral research courses at the University of Siena for academic year 2022/2023 for a total of 182 positions, as summarized in the following table:

	PhD course	Positions					reserved*	Total positions
		with scholarship	DM351 scholarship	DM352 scholarship	with Apprenticeship contract	without scholarship		
1	Learning and Innovation in Social Contexts and Workplaces	4	2	0	6	4	1	17
2	Biochemistry and Molecular Biology BiBiM 2.0	6	1	6	0	4	3	20
3	Medical Biotechnologies	6	1	0	0	2	2	11
4	Chemical and Pharmaceutical Sciences	8	1	1	0	2	0	12
5	Economics	5	4	1	0	0	2	12
6	Philology and Critics	7	1	0	0	2	0	10
7	Experimental Physics	3	0	0	0	0	0	3
8	Genetics, Oncology and Clinical Medicine (GENOME C)	13	1	0	0	4	0	18
9	Information Engineering and Science	6	2	4	0	4	2	18
10	Molecular Medicine	6	1	0	0	2	2	11
11	Translational and Precision Medicine	5	1	2	0	2	0	10
12	Life Sciences	8	1	3	0	1	1	14
13	Environmental, Geological and Polar Sciences and Technologies	5	1	0	0	2	0	8
14	Legal Sciences	3	3	1	0	0	0	7
15	Social Sciences and Humanities	2	2	0	0	1	0	5
16	History of Art	2	3	0	0	1	0	6
	<i>Total</i>	89	25	18	6	31	13	182

\*) Scholarship holders from foreign states, scholarship holders from specific international mobility programmes, employees of companies (see attached sheets for details)

2. With regard to the aforementioned selection, the publication of the following notice is authorized,

pending the accreditation of doctoral courses by the Italian Ministry for University and Research, upon the positive assessment of ANVUR:

### **Selection notice for doctoral research courses – deadline for applications 10 August 2022**

#### **Art. 1 - Subject**

1. The University of Siena announces a selection procedure for admission to the doctoral courses for academic year 2022/23, 38<sup>th</sup> cycle. The open positions (as summarized in the above table) and the selection procedures for the doctoral courses are indicated in the 16 (sixteen) annexes which are an integral part of this notice.
2. All specific information for the positions announced, including the research topic, and the selection procedures are outlined in the attached schedules (Annex 1 - Annex 16), which constitute an integral part of the notice.
3. The number of scholarships may be increased as a result of additional funding that must actually be acquired by the University of Siena in time to be assigned by 1 February 2023. These scholarships will be assigned only after completion of the acts necessary for the acquisition of the resources required for the scholarship and ascertained by the competent offices. If the number of scholarships increases, the number of positions without scholarships may be increased provided that at least 75% of the total available positions are financially covered.
4. Any increase of scholarships and the consequent integration to the present notice will be published on the website of the doctoral courses, 38<sup>th</sup> cycle.
5. The duration of the doctoral course is 3 years, beginning from 1 November 2022.
6. The activation of each of the positions in the above table is dependent on the positive assessment by ANVUR of the accreditation request completed by the University of Siena on 1 June 2022.

#### **Art. 2 – Admission requirements**

1. Applicants holding at least one of the following academic qualifications, obtained by 31 October 2022, may apply for admission, without age or citizenship restrictions:
  - *Diploma di Laurea* conferred by an Italian university before D.M. 509/1999 or
  - *Laurea Specialistica* conferred by an Italian university according to D.M. 509/199 or
  - *Laurea Magistrale* conferred by an Italian university according to D.M. 270/2004 or
  - academic degree conferred by a foreign University, comparable for level, nature, duration, content and academic rights (access to doctoral courses) to the Italian master's degree. In this case a "statement of comparability" (*dichiarazione di equipollenza*) by competent academic authorities, including the context of inter-university cooperation and mobility agreements, is required and in the application for admission the candidate must indicate the date of issue of the statement of comparability as date of the achievement of the title and the Italian university that has issued it. If no statement of comparability has been issued, yet, the eligibility of the qualification is ascertained by the selection committee, also on the basis of the indications of the competent office of the University in compliance with the law in force in Italy and in the country where the title was awarded and international treaties or agreements in the field of recognition and qualifications for the continuation of studies.
2. The attached schedules to this notice indicate any specific master's degrees required by individual doctoral courses.
3. The academic qualification awarded abroad, lasting at least 4 years, must be qualified second level according to the university system of the country in which it was obtained and allow access to doctoral courses. Candidates with foreign academic qualifications must attach the following documentation to the online application: certificate of title with list of exams and grades (transcript) in Italian, English or French, or translated into Italian, English or French and a copy of any other document deemed useful for the assessment of eligibility of the qualification (e.g. Diploma supplement, curriculum, Declaration of

value - *Dichiarazione di valore in loco* or Statement of comparability and verification of qualifications through the CIMEA DiploMe portal, for further details see art. 5, point 8). The candidate may be asked at any time to integrate the submitted documentation in order to verify eligibility. Candidates with a foreign academic qualification are admitted to the selection under condition. If admitted for matriculation, they must deliver the documentation indicated in article 5, paragraph 8. If, after verification, the qualification does not comply with the requirements of this notice, the candidates will be excluded from the doctoral programme.

4. The University administration may, at any time, with a motivated decision, exclude candidates for a lack of the requirements indicated in this notice.
5. Applicants for positions covered by apprenticeship contracts, as per article 45 of Legislative Decree 81/2015, may not be aged over 29 years at the time of contract stipulation.

### **Art. 3 – Application**

1. Applications must be submitted, from 11 July 2022 on, and **by the peremptory deadline of 14:00 hrs (Central European Summer Time - CEST) of 10 August 2022** through the online platform at <https://segreteriaonline.unisi.it>. Instructions for the online application procedure are available in the section "How to apply to PhD positions" on the University of Siena webpage "*Informazioni per dottorandi e dottori di ricerca*" on (at the time of the notice <https://www.unisi.it/ricerca/dottorati-di-ricerca/informazioni-dottorandi-e-dottori-di-ricerca>).
2. The documents required for evaluation indicated in the annexes must be uploaded to the telematic system in PDF format, with the exception of the reference letter/s. If reference letters are required, the email of the lecturer/s who will submit the letter directly on-line must be indicated.
3. The "Selection application reminder" (*Promemoria domanda di partecipazione selezione*) will be automatically issued to confirm that the application has been registered successfully. When closing the procedure on the online platform <https://segreteriaonline.unisi.it> the application is automatically forwarded to the University of Siena. Applicants are therefore not required to send or deliver any documentation to the University offices.
4. Candidates may apply for more than one position, following the on-line procedures as of paragraph 1. If in a useful placement in more than one ranking list, candidates must opt for only one position.

### **Art. 4 – Selection examinations and admission**

1. The dates of examinations and the composition of the selection committee, responsible for the evaluation of the candidates, will be published on the reference pages of the related doctoral course on the website of the University of Siena (at the time of publication of this notice <https://www.unisi.it/ricerca/dottorati-di-ricerca/dottorati-di-ricerca-38-ciclo>) usually at least 15 days before the date of the exam. This publication is to be considered an official convocation. **Candidates will not receive any personal convocation nor communication related to the examinations.**
2. The composition of the selection committee in charge of evaluating the candidates will be published on the reference pages of the relevant doctoral course on the University of Siena's website (at the time of publication of the notice <https://www.unisi.it/ricerca/dottorati-di-ricerca/dottorati-di-ricerca-38-ciclo>) upon the expiration of the notice.
3. The examinations, aimed at assessing the candidate's aptitude for scientific research, will take place as indicated in the attached annexes. To take part in the examinations, candidates must present the valid identification document (ID card, passport) uploaded during the application process. Considering the current health emergency, interviews may be conducted on an online platform. Details on the modality will be communicated on the reference pages of the doctoral course on the website of the University of Siena (at the time of publication of this notice <https://www.unisi.it/ricerca/dottorati-di-ricerca/dottorati-di-ricerca-38-ciclo>). In this case, the candidate must ensure the use of a webcam to allow his/her identification to the selection committee, be available at the registered personal address during the registration on the day indicated for the oral exam. The selection committee may agree with the candidates on a precise timetable for the start of the interview. For the purpose of identification each

candidate shall be required, before the interview begins, to identify himself/herself, showing the same identity document submitted during the application procedure. Failure to communicate the personal address, failure to connect, the unavailability of the candidate on the date or time set or the failure to present a valid identification document, as indicated beforehand, constitute grounds for exclusion from the selection procedure. The University declines any responsibility for technical difficulties that may hinder a regular conduction of the interview. The oral examinations, including those conducted on online platforms, are public

4. The selection committee, appointed by the Rector after consulting the academic board, shall be composed of at least three up to seven members of which at least three tenured professors and not more than two experts, also from foreign countries, selected from public or private research institutions and centres. The evaluation criteria of the examinations are established in advance by the selection board in plenary session.

#### Art. 5 – Ranking lists and enrolment

1. The Rector will approve the selection acts and rankings and issue a decree regarding the admission of candidates. The ranking of eligible applicants and winners of positions will be published on the reference pages of the doctoral course on the website of the University of Siena (at the time of publication of this notice <https://www.unisi.it/ricerca/dottorati-di-ricerca/dottorati-di-ricerca-38-ciclo>) **by 26 September 2022**. The ranking is based on the candidate's total score in the evaluation of the CV, titles, research project, and any test.
2. In the event of equality of merit, the youngest candidate shall prevail.
3. The positions will be assigned based on the ranking of merit. The publication of ranking lists has the value of official notification. **Winners will not receive any personal communication regarding their final ranking.** In case of useful placement in more than one ranking list of different doctoral research programmes, the candidate must opt for only one position.
4. Winners must enrol, under penalty of forfeiture, **by 10:00 hrs (CEST) of 3 October 2022**. Only if there are still positions available, due to non-enrolment or explicit waiver by entitled persons, the ranking list will be scrolled. The terms for scrolling are indicated in the following table:

	<i>Date of publication</i>	<i>Peremptory deadline for enrolment</i>
<b>Ranking lists</b>	<b>by 26 September 2022</b>	<b>By 10:00 hrs (CEST) of 3 October 2022</b>
<b>1<sup>st</sup> scrolling</b>	<b>4 October 2022</b>	<b>by 10:00 hrs (CEST) of 7 October 2022</b>
<b>2<sup>nd</sup> scrolling</b>	<b>10 October 2022</b>	<b>by 10:00 hrs (CEST) of 13 October 2021</b>
<b>3<sup>rd</sup> scrolling</b>	<b>14 October 2022</b>	<b>by 10:00 hrs (CEST) of 19 October 2022</b>
<b>4<sup>th</sup> scrolling</b>	<b>20 October 2022</b>	<b>By 10.00 hrs (CEST) of 25 October 2022</b>

The list of replacement candidates is notified through the same procedure adopted for the final ranking. Should the candidate renounce to his/her position or fail to enrol, the next candidate in the ranking list shall be assigned a position in accordance with the dates indicated above. After these deadlines, and in any case no later than 31 December 2022, replacements are possible only after approval by the academic board of the doctoral course.

5. Scholarship holders of specific international mobility programs (such as, for example, AICS - Italian Agency for Development Cooperation, Marie Curie Skłodowska Actions, etc. ) may be admitted in a surplus number to the doctoral courses without the obligation to participate in the call for applications referred to in the above paragraphs and to pass the admission tests, provided that they have been selected through comparative evaluation procedures, subject to the positive judgment of the academic board regarding scientific suitability (as per the University Regulations on doctoral programs in adaptation to Ministerial Decree 226/2021, art. 9). They must formally apply to the coordinator of the identified doctoral course attaching the following documentation: the curriculum vitae and the employment contract or letter of grant award.
6. In case of joint attendance of a medical specialization course and a doctoral research course the duration of the doctoral course is reduced to a minimum of two years (art. 19, Law n. 240/2010) in compliance with the following general criteria:

- a) The postgraduate student must have been awarded a place in the doctoral course at the same university in which he/she is attending postgraduate school.
  - b) Joint attendance may be arranged during the last year of the Specialization school and must be compatible with the activities and duties of the school, subject to approval by the school's council.
  - c) The academic board of the doctoral course may approve any request for reduction after assessing research activities already carried out during the medical specialization course, as attested by the school's council.
  - d) During the year of joint attendance, the specializing postgraduate student cannot receive a doctoral scholarship
7. Winners must submit their request for enrolment no later than the deadline indicated under paragraph 4, using the dedicated online enrolment procedure available at <https://segreteriaonline.unisi.it>, following the instructions in section "How to enrol in the first year" on the University of Siena internet page "*Informazioni per Dottorandi e Dottori di ricerca*" (at the time of the notice <https://www.unisi.it/ricerca/dottorati-di-ricerca/informazioni-dottorandi-e-dottori-di-ricerca>).
  8. Candidates who hold a foreign academic qualification, of at least four-year duration, which has not yet been declared equivalent (*equipollente*) by an Italian university, must also attach to the online application copy of the original degree awarded or certificate of the qualification issued by the awarding university in digital format. In the case of a qualification awarded outside the EU, candidates must also submit a copy of the Declaration of value issued by the appropriate Italian diplomatic offices abroad. The Declaration of value must clearly indicate that the academic qualification allows access to doctoral programmes in the country where it was awarded. Candidates who do not submit the documentation necessary for foreign qualification at the moment of enrolment will be admitted to the doctoral course "under condition" and will be excluded if they do not present the required documentation within six months from the official start of the doctoral course. They shall also be excluded if, on assessment of the documentation, the qualification does not meet the requirements for admission to the programme. As an alternative to the Declaration of Value and/or Diploma Supplement, the University of Siena accepts and prefers the **Statement of comparability and verification of qualifications by CIMEA**. To benefit from this service, candidates interested can register for free through the CIMEA DiploMe platform via the following link dedicated to the University of Siena: <https://cimea.diplo-me.eu/unisi/#/auth/login>.
  9. Non-EU applicants who are eligible for enrolment will be admitted to the courses provided that they comply with the current provisions concerning entry and stay in Italy and are legally residing in Italy (art. 39, par. 5 of Legislative Decree no. 286 dated 25.07.1998, as modified by art. 26 of Law no. 189 dated 30 July 2002). They must submit a copy of their valid passport and residence permit issued by the competent authorities. If resident abroad, instead, they must provide a copy of the passport, of the entry visa and a copy of the residence permit for study purposes issued by the competent police authority (*Questura*).
  10. Enrolment is confirmed upon payment of the *Tassa Regionale di Diritto allo Studio Universitario* (DSU; Regional Fee for the Right to University Study) (€140,00) and the virtual stamp duty (€16,00) through the PagoPA system (art. 5 of Code for Digital Administration and Legislative Decree 179/2012). An enrolment receipt may be printed out at the end of the online procedure.
  11. Those admitted who do not comply with the above requirements within the above peremptory deadlines shall be considered *ipso iure* to have resigned.
  12. Final enrolment completion is conditional on verification that the course access requirements have been met. Until that time, enrolment is intended to be conditional.

#### **Art 6 – Scholarship allocation**

1. The academic board of the doctoral course allocates the scholarships in compliance with the ranking order.
2. In case of waiver or failure to enrol by the winner of a scholarship, the scholarship will be allocated by scrolling the ranking list.
3. Scholarships which are dedicated to a specific research activity, bind the recipients to carry out such

activity and to the respect of what is required.

4. All DM 351/2022 and DM 352/2022 scholarships require mandatory study and research periods abroad of a minimum of 6 (six) months.
5. The DM 351/2022 scholarships on the thematic of digital and environmental transitions, public administration and cultural heritage and the DM 352/2022 scholarships require mandatory study and research in enterprises or research centers of a minimum of 6 (six) months.
6. Those who have already received, even partially, a scholarship for the attendance of doctoral courses or equivalent courses at the University of Siena or other Italian universities, cannot benefit from another doctoral scholarship.
7. Should a scholarship winner with a foreign academic qualification not submit the necessary documentation (as of art. 5, paragraph 8) or the submitted documentation not attest the validity of the qualification for an academic course similar to a PhD (*Dottorato di ricerca*) in the country of achievement, the candidate loses his/her position and must return any doctoral scholarship disbursements.
8. The annual amount of the scholarship is Euro 16.243,00, eligible for the INPS separately managed social security contribution. The duration of the scholarship is equal to the entire duration of the course and will be paid in deferred monthly instalments. If the doctoral student renounces to the scholarship or the continuation of the course, the University will interrupt payment of the scholarship.
9. The doctoral scholarship may not be combined with any other scholarship, except those awarded by national or foreign institutions to supplement training or research activity of the scholarship holder.
10. In the case of a scholarship financed by public or private external bodies, the scholarship will only be allocated if the financier has actually paid the corresponding amount to cover the scholarship.

#### **Art. 7 – Fees and contributions**

1. Doctoral students benefitting from a scholarship must pay the annually the DSU (Right to University Study) Tuscan regional tax of € 140,00, the virtual stamp duty of € 16,00, and the university fee of € 340,00 (see Regulations for tuition fees a.y. 2022/2023 of the University of Siena).
2. Doctoral students without scholarship must pay the annual DSU Tuscan regional tax of € 140,00 and the virtual stamp duty of € 16,00.
3. Students with certified disability greater than or equal to 66% are exempt from payment of university fees and the DSU Tuscan regional tax.

#### **Art. 8 – Duties of doctoral students**

1. The admission to the doctoral course entails exclusive, full-time commitment.
2. Doctoral students are required to carry out activities related to the approved research project. At the end of each year, doctoral students are required to submit a report on their activities and research to the academic board for the purpose of admission to the following year. If there is a valid reason, the academic board has the authority to exclude candidates from admission to the following academic year.
3. The education and training courses related to the DM 351/2022 scholarships include:
  - a. a mandatory period of research study abroad of a minimum of 6 (six) months
  - b. for the topics digital and environmental transitions, public administration and cultural heritage a mandatory period of study and research in an enterprise of a minimum of 6 (six) months.
4. The education and training courses related to the DM 352/2022 scholarships:
  - a. a mandatory period of research study abroad of a minimum of 6 (six) months
  - b. a mandatory period of study and research in an enterprise of a minimum of 6 (six) months.
5. At the end of the course, doctoral students submit their doctoral thesis with original contributions for the purpose of admission to the final examination.

#### **Art. 9 – Awarding of the degree**

1. The title of *Dottore di ricerca* (PhD) is awarded in compliance with the University Regulations governing doctoral courses (see link in following art. 10).
2. Doctoral dissertations must be up-loaded by the doctoral students in electronic format with a digital signature (compliant with Italian legislative decree n. 82 of 7 March 2005 and successive modifications) in the University repository USiena-Air (<http://usiena-air.unisi.it/>), to be filed in the national libraries.

#### **Art. 10 – Relevant legislation**

For any matter not explicitly covered by this selection notice, the University shall refer to the following Italian legislation:

- Art. 4 of Law no. 210 dated 3 July 1998
- Ministerial Decree n. 226/2021 of 14 December 2022 (published in G.U. n. 308 del 29.12.2021);
- University regulation governing doctoral courses (at the time of publication of this notice [https://www.unisi.it/sites/default/files/allegatiparagrafo/2022\\_regolamento\\_dottorato.pdf](https://www.unisi.it/sites/default/files/allegatiparagrafo/2022_regolamento_dottorato.pdf)).

#### **Art. 11 – Processing of personal data**

1. The processing of personal data of candidates is carried out by the University of Siena exclusively for institutional purposes and for managing this notice. The information on the processing of the student's personal data can be obtained in the Privacy section of the University Portal (<https://www.unisi.it/ateneo/adempimenti/privacy>).
2. The University undertakes to respect the confidential nature of the data and information provided by the candidate, which will be treated in accordance with EU Regulation 2016/679 on the protection of personal data and Legislative Decree 196/2013 of the Privacy Code, for provisions not incompatible with the Regulation itself. The data controller is the University of Siena, legally represented by the pro-tempore Rector, Prof. Francesco Frati. The candidate can assert his/her rights (articles 15 and following of the EU Regulation) by contacting the Data Controller and writing to pec email [rettore@pec.unisipec.it](mailto:rettore@pec.unisipec.it) or e-mail [segreteria.rettore@unisi.it](mailto:segreteria.rettore@unisi.it).
3. The provision of data is mandatory for the management of the relationship between the student and the University (eg. selection, admission, enrolment, university career management, etc.). Any refusal to process data implies the exclusion from the selection.

#### **Art. 12 – Notice advertising**

1. This selection notice shall be published on the reference pages of the doctoral course on the website of the University of Siena (at the time of publication of this notice <https://www.unisi.it/ricerca/dottorati-di-ricerca/dottorati-di-ricerca-38-ciclo>) and advertised online on the University of Siena, Euraxess, and Ministry of University and Research webpages.
2. Furthermore, this notice and the rankings of candidates will be published on the official University website at <http://albo.unisi.it>.

#### **Art. 13 – Final provisions**

1. The person in charge of the administrative procedure is Jacqueline Irene Muller, Head of the Office for doctoral courses (*Ufficio per il Dottorato di Ricerca*) at the University of Siena.
2. Any changes or additions to the contents of this notice will be published on the reference pages of the doctoral course on the website of the University of Siena (at the time of publication of this notice <https://www.unisi.it/ricerca/dottorati-di-ricerca/dottorati-di-ricerca-38-ciclo>).

#### *Annexes:*

- 1 - Schedule for PhD in Learning and Innovation in Social Contexts and Workplaces

- 2 - Schedule for PhD in Biochemistry and Molecular Biology BiBiM 2.0
- 3 - Schedule for PhD in Medical Biotechnologies
- 4 - Schedule for PhD in Chemical and Pharmaceutical Sciences
- 5 - Schedule for PhD in Economics
- 6 - Schedule for PhD in Philology and Critics
- 7 - Schedule for PhD in Experimental Physics
- 8 - Schedule for PhD in Genetics, Oncology and Clinical Medicine (GENOMECC)
- 9 - Schedule for PhD in Information Engineering and Science
- 10 - Schedule for PhD in Molecular Medicine
- 11 - Schedule for PhD in Translational and Precision Medicine
- 12 - Schedule for PhD in Life Sciences
- 13 - Schedule for PhD in Environmental, Geological and Polar Sciences
- 14 - Schedule for PhD in Legal Sciences
- 15 - Schedule for PhD in Social Sciences and Humanities
- 16 - Schedule for PhD in History of Art

PhD in	<b>Learning and Innovation in Social Contexts and Workplaces</b>
Coordinator	Claudio Melacarne, <a href="mailto:claudio.melacarne@unisi.it">claudio.melacarne@unisi.it</a>
Department	Dipartimento di Scienze sociali, politiche e cognitive - DISPOC
Open positions	<b>17</b>
of which:	

	n.	Funding institution(s)	Research topic
<b>Positions with scholarship</b>			
A.	3	University of Siena	No research topic restriction
B.	1	Fondazione ADAPT	Specific research topic - <i>Tematiche giuridiche e di relazioni industriali della nuova grande trasformazione del lavoro tra industria 4.0, cambiamenti demografici e cambiamenti ambientali</i>
<b>Positions with DM 351 scholarship</b>			
C.	2	MUR/University of Siena	Specific research topic: <i>Pubblica amministrazione (see art. 8 D.M. 351/2022)</i>
<b>Posti coperti da contratto di apprendistato</b>			
D.	1	ADAPT Servizi Srl	Specific research topic: <i>Percorsi ITS in apprendistato, quali prospettive?</i>
E.	5	Fondazione ADAPT	Specific research topic: <i>Tematiche giuridiche e di relazioni industriali della nuova grande trasformazione del lavoro tra industria 4.0, cambiamenti demografici e cambiamenti ambientali</i>
<b>Positions without scholarship</b>			
F.	4	//	No research topic restriction
<b>Positions reserved for employees (with salary maintenance)</b>			
G.	1	UST Cisl Vicenza	Specific research topic: <i>La contrattazione collettiva e le sue sfide nella Provincia di Vicenza</i>

Type of rankings	<ul style="list-style-type: none"> <li>• Single ranking list for positions with scholarship and no research topic restriction (position A)</li> <li>• Stand-alone ranking list for position with scholarship and specific research topic (position B)</li> <li>• Stand-alone ranking list for positions with DM 351 scholarship (position C)</li> <li>• Single ranking lists for positions with apprenticeship and specific research topic (positions D, E)</li> <li>• Stand-alone ranking list for positions without scholarship (position F)</li> <li>• Stand-alone ranking list for position reserved for employees (position G)</li> </ul>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Research project</b> (max. 5 pages)</li> <li>• <b>Thesis abstract</b> of <i>Laurea Magistrale/Specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian or English (max. 2 pages)</li> <li>• <b>English language certification</b>, if available (optional).</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p><u>Candidates who achieved (or will achieve by 31 October 2022) the <b>diploma di laurea at an Italian university</b> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</u></p> <ol style="list-style-type: none"> <li>1. University issuing the title</li> <li>2. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>3. degree course name</li> <li>4. list of examinations with votes</li> </ol>

	<p>5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</p> <p>Candidates who achieved (or will achieve by 31 October 2022) their <b>degree at a foreign university</b> (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> <li>1. University issuing the title</li> <li>2. type of degree (min. duration four years) – <i>Bachelor’s degree/ Master’s degree</i></li> <li>3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ol> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li>• <b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	<a href="https://www.dispoc.unisi.it/it/ricerca/dottorato-di-ricerca">https://www.dispoc.unisi.it/it/ricerca/dottorato-di-ricerca</a>
Selection modalities	<b>Evaluation of qualifications</b> <b>Interview</b> (including project evaluation)
Admission requirements	<b>All masters’ degrees</b> ( <i>lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento</i> )
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p><b>Evaluation of qualifications:</b> Minimum score 30, maximum score 50 points (of which up to 30 points for the thesis)</p> <p><b>Interview:</b> Candidates who obtain a minimum score of 30 point in the evaluation of qualifications are admitted to the interview. Maximum score for the interview is 50 points. Candidates who obtain a minimum of 30 points are admitted to the interview. Upon request and based on the decision by the selection committee, the interview can be carried out by videoconference.</p> <p>The interview consists in the discussion of the research project presented, the motivation to take part in the doctoral course and the verification of the knowledge of at least one foreign language.</p> <p>The results of each test will be published on the doctoral website and will be communicated to participants by the selection committee.</p>
Dates of evaluation and exam(s)	<p>Evaluation of qualifications: 19 August 2022.</p> <p>Interview: <b>2 September 2022</b>, at 9.30 am. (in presence at Campus del Pionta, Viale Cittadini 33, 52100 Arezzo, Room 30 Ex-RAM building, first floor). Those who intend to do the interview on-line must necessarily send an mail request to <a href="mailto:michela.mariottini@unisi.it">michela.mariottini@unisi.it</a> and <a href="mailto:claudio.melacarne@unisi.it">claudio.melacarne@unisi.it</a> before 26 August 2022.</p>
Selection committee	The composition of the committee will be published after the deadline for application.

Annex 2

PhD in	<b>Biochemistry and Molecular Biology - BiBiM 2.0</b> Administrative seat Università degli Studi di Siena - in cooperation with Università degli Studi di Firenze, Università di Pisa e CNR/IFC
Coordinator	Lorenza Trabalzini (lorenza.trabalzini@unisi.it)
Department	Biotechnologie, Chimica e Farmacia (DBCF)
Open positions	<b>20</b>
of which:	

	n.	Funding institution(s)	Research topic
<b>Positions with scholarship</b>			
A.	3	University of Siena	No research topic restriction
B.	1	University of Pisa	No research topic restriction
C.	1	University of Florence	No research topic restriction
D.	1	CNR IFC	No research topic restriction
<b>Positions with DM 351 scholarship</b>			
E.	1	MUR/University of Siena	Specific research topic: PNRR research (see art. 7 D.M. 351/2022) Multi-omics profiling toward a precision medicine approach to rare diseases.
<b>Positions with DM 352 scholarship</b>			
F.	1	MUR/Toscana Life Sciences	OMICS investigation by mass spectrometry approach
G.	1	MUR/Vismederi Research	Evaluation of various immunological responses toward influenza and emerging viruses (vaccine-induced/natural infection) through immunoassays (enzyme immunoassays and viral and/or pseudoviral neutralization assays)
H.	1	MUR/Food Contact Center srl	Contaminants from packaging: assessment of content, migration into food, exposure, and metabolic impact
I.	1	MUR/ARS Automation	Development of a digital architecture based on Artificial Intelligence for the search and optimization of functional parameters for flexible component feeding in robotic production lines
J.	2	MUR/Kedrion S.p.A.	Identification and development of new protein replacement therapies for rare diseases
<b>Positions without scholarship</b>			
K.	4	//	No research topic restriction
<b>Positions reserved for employees (with salary maintenance)</b>			
L.	1	Toscana Life Sciences	No research topic restriction
M.	1	Philochem AG	No research topic restriction
N.	1	Magi's Lab Srl	No research topic restriction

Type of rankings	<ul style="list-style-type: none"> <li>• Single ranking list for positions with and without scholarship with no research topic restriction (positions A, B, C, D &amp; K)</li> <li>• Stand-alone ranking list for position with DM 352 scholarship (position E)</li> <li>• Stand-alone ranking list for each position with DM 352 scholarship (positions F-J)</li> <li>• Stand-alone ranking list for each position reserved for employees (positions L-N)</li> </ul>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Research project</b> (max. 3 pages) - the research project is not binding to the research activity that will be carried out during the doctoral course</li> <li>• <b>Thesis abstract</b> of <i>Laurea Magistrale/Specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian or English (max. 1 page)</li> <li>• English language certification, level B2, if available (optional)</li> <li>• Only for applicants for positions reserved for employees: <b>Employment contract or letter of commitment from the enterprise</b> guaranteeing employment for the entire duration of the PhD course (1 November 2022-31 October 2025)</li> </ul>

	<p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p>Candidates who achieved (or will achieve by 31 October 2022) the <b><i>diploma di laurea at an Italian university</i></b> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ol style="list-style-type: none"> <li>1. University issuing the title</li> <li>2. type of <i>laurea</i> – <i>vecchio ordinamento/specialistica/magistrale</i>;</li> <li>3. degree course name</li> <li>4. list of examinations with votes</li> <li>5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ol> <p>Candidates who achieved (or will achieve by 31 October 2022) their <b><i>degree at a foreign university</i></b> (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> <li>1. University issuing the title</li> <li>2. type of degree (min. duration four years) – <i>Bachelor's degree/Master's degree</i></li> <li>3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ol> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li>• <b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	<a href="https://www.dbcf.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca">https://www.dbcf.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca</a>
Selection modalities	<b>Evaluation of qualifications</b> <b>Interview in English language</b>
Admission requirements	<b>All masters' degrees</b> ( <i>lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento</i> )
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p><b>Evaluation of qualifications:</b> Candidates are not allowed to be present during the evaluation. Up to a maximum of 20 points.</p> <p><b>Interview:</b> presentation (duration 10-15 minutes) and discussion of the research project to be carried out in English. The interview will be conducted via videoconference. Up to a maximum of 80 points.</p> <p>The results of each test will be published on the PhD website.</p>
Dates of evaluation and exam(s)	<p>Evaluation of qualifications: 5 September 2022</p> <p>Interview: <b>8 and 9 September 2022</b>, 9,00 a.m., <a href="https://unisi.webex.com/meet/lorenza.trabalzini">https://unisi.webex.com/meet/lorenza.trabalzini</a></p>
Selection committee	The composition of the committee will be published after the deadline for application.

Annex 3

<b>PhD in</b>	<b>Medical Biotechnologies</b>
Coordinator	Lorenzo Leoncini ( <a href="mailto:lorenzo.leoncini@unisi.it">lorenzo.leoncini@unisi.it</a> )
Department	Biotechnologie Mediche DBM
Open positions	<b>11</b>
of which	

	n.	Funding institution(s)	Research topic
<b>Positions with scholarship</b>			
A.	3	University of Siena	No research topic restriction
B.	1	Dip. Biotechnologie mediche UniSI (Prof.ssa M.G. Cusi)	No research topic restriction
C.	1	Dip. Biotechnologie mediche UniSI (Prof.ssa D. Medagliani)	Specific research topic: Bioinformatic analysis of immunological data following vaccination using machine learning and statistical learning methods
D.	1	Dip. Biotechnologie mediche UniSI (Prof. D. Zazzi)	Specific research topic: Advanced virological support for treatment of acute and persistent viral infections
<b>Positions with DM 351 scholarship</b>			
E.	1	MUR/University of Siena	Specific research topic: PNRR research (see art. 7 D.M. 351/2022)
<b>Positions reserved to scholarship holders of foreign countries</b>			
F.	2	//	No research topic restriction
<b>Positions without scholarship</b>			
G.	2	//	No research topic restriction

Type of rankings	<ul style="list-style-type: none"> <li>• One ranking list for positions with no research topic restrictions (positions A, B, F, G)</li> <li>• Stand-alone ranking lists for positions with specific research topics (positions C, D)</li> <li>• Stand-alone ranking list for the position with DM 351 scholarship (position E)</li> </ul>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Research project</b> (max. 3 pages in English)</li> <li>• <b>Reference letters</b> (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)</li> <li>• <b>Thesis abstract</b> of <i>Laurea Magistrale/Specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian or English (max. 1 page)</li> <li>• English language certification, level B2, if available (optional)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p><u>Candidates who achieved (or will achieve by 31 October 2022) the <b>diploma di laurea at an Italian university</b> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</u></p> <ol style="list-style-type: none"> <li>1. University issuing the title</li> <li>2. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>3. degree course name</li> <li>4. list of examinations with votes</li> <li>5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ol> <p><u>Candidates who achieved (or will achieve by 31 October 2022) their <b>degree at a foreign university</b> (with a duration of at least four years) must specify in their curriculum:</u></p> <ol style="list-style-type: none"> <li>1. University issuing the title</li> </ol>

	<p>2. type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i></p> <p>3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</p> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li>• <b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	<a href="https://www.dbm.unisi.it/it/didattica/post-laurea/dottorati">https://www.dbm.unisi.it/it/didattica/post-laurea/dottorati</a>
Selection modalities	<ul style="list-style-type: none"> <li>• Evaluation of qualifications</li> <li>• Oral examination</li> </ul>
Admission requirements	<b>All masters' degrees</b> ( <i>lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento</i> )
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p>Evaluation of qualifications: minimum score 20 points, maximum score 40 points. A minimum of 20 points is required for admission to the oral examination.</p> <p>Oral examination: minimum score 40 points, maximum score 60 points. The examination will consist of the candidate's presentation of his or her research project in English. English language abilities will be assessed during the test. The presentation should ideally be completed in 7 minutes, but may last up to a maximum of 10 minutes.</p> <p>The results of each test will be published on the PhD website.</p>
Dates of evaluation and exam(s)	<p>Evaluation of qualifications: <b>12 September 2022</b></p> <p>Oral examination: <b>14 September 2022</b>, 9:00 hrs, Complesso Didattico del Policlinico le Scotte</p>
Selection committee	The composition of the committee will be published after the deadline for application.

Annex 4

<b>Phd in</b>	<b>Chemical and Pharmaceutical Sciences</b>
Coordinator	Maurizio Taddei <maurizio.taddei@unisi.it>
Dipartimento	Dipartimento di Biotecnologie, Chimica e Farmacia DBCF
Posti da bandire	<b>12</b>
of which:	

	n.	Funding institution(s)	Research topic
<b>Positions with scholarship</b>			
A.	3	University of Siena/DBCF (Rossi)	Bioactive molecules from plant sources
B.	1	University of Siena/DBCF (Butini)	Enzyme inhibitor development
C.	1	University of Siena/DBCF (Mori)	Computational methodologies applied to drug design
D.	1	DBCF (Manetti-Tafi)	Design and synthesis of ADCs for antiviral therapy
E.	1	University of Siena/DBCF/CNR-ICCOM	Energy production and storage materials through catalysis, electrocatalysis, and photocatalysis
F.	1	University of Siena/DBCF/CNR-ICCOM	Innovative energy materials
<b>Positions with DM 351 scholarship</b>			
G.	1	MUR/ University of Siena	PNRR research: Sustainable approaches to bioconjugation processes
<b>Positions with DM 352 scholarship</b>			
H.	1	MUR/Dipharma Francis	Development of catalytic methodologies for the synthesis of high value-added molecules
<b>Positions without scholarship</b>			
I.	2	//	No research topic restriction

Type of rankings	<ul style="list-style-type: none"> <li>• Single ranking list for all positions with scholarship and suggested research topic and positions without scholarship (positions A-F &amp; I)</li> <li>• Stand-alone ranking list for the position with DM 351 scholarship (position G)</li> <li>• Stand-alone ranking list for the position with DM 352 scholarship (position H)</li> </ul>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Research project</b> in English language (max. 3 pages)</li> <li>• <b>Reference letters</b> (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)</li> <li>• <b>Thesis abstract</b> of <i>Laurea Magistrale/Specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian, English or French (max. 1 page)</li> <li>• English language certification, level B2, if available (optional)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p>Candidates who achieved (or will achieve by 31 October 2022) the <b>diploma di laurea at an Italian university</b> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ol style="list-style-type: none"> <li>6. University issuing the title</li> <li>7. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>8. degree course name</li> <li>9. list of examinations with votes</li> <li>10. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ol> <p>Candidates who achieved (or will achieve by 31 October 2022) their <b>degree at a foreign</b></p>

	<p><b>university</b> (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> <li>1. University issuing the title</li> <li>2. type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i></li> <li>3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ol> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li>• <b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	<a href="https://www.dbcf.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca/dottorato-di-ricerca-chemical-and-pharmaceutical-scienc-0">https://www.dbcf.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca/dottorato-di-ricerca-chemical-and-pharmaceutical-scienc-0</a>
Selection modalities	<b>Evaluation of qualifications</b> <b>Oral examination with English language test</b>
Admission requirements	<b>All masters' degrees</b> ( <i>lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento</i> )
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p><b>Evaluation of qualifications.</b> Candidates are not allowed to be present during the evaluation.</p> <p>A minimum of 20 points is required for admission to the oral test in English; the maximum score is 40 points.</p> <p><b>Oral examination:</b> the examination is aimed at assessing the basic preparation acquired, the candidate's ability and aptitude for scientific research, and knowledge and skills in subjects related to the themes of the projects.</p> <p>The <b>English language test</b> is concurrent with the oral examination and consists of immediate reading and translation of a scientific text in English. A minimum of 40 points is required to pass the oral examination and English language test; the maximum score is 60 points.</p> <p>The results of each test will be published on the PhD website.</p>
Dates of evaluation and exam(s)	<p>Evaluation of qualifications: <b>6 September 2022</b></p> <p>Oral examination and English language test: <b>8 September 2022, 9.00 hrs</b> Polo Didattico di San Miniato, Via A. Moro 2, Siena</p>
Selection committee	The composition of the committee will be published after the deadline for application.

<b>PhD in</b>	<b>Economics</b> <b>Administrative seat</b> Università degli Studi di Siena - <b>in cooperation with</b> Università di Pisa, Università degli Studi di Firenze
Coordinator	Simone D'Alessandro < <a href="mailto:phd-economics@unisi.it">phd-economics@unisi.it</a> >
Department	Economia Politica e Statistica DEPS
Open positions	<b>12</b>
of which	

	<i>n.</i>	<i>Funding institution(s)</i>	<i>Research topic</i>
<b>Positions with scholarship</b>			
A.	3	University of Siena	No research topic restriction
B.	1	University of Pisa	No research topic restriction
C.	1	University of Florence	No research topic restriction
<b>Positions with DM 351 scholarship</b>			
D.	3	MUR/University of Siena	Public administration (see art.8 of D.M. 351/2022)
E.	1	MUR/University of Siena	Cultural heritage (see art. 9 of D.M. 351/2022)
<b>Positions with DM 352 scholarship</b>			
F.	1	MUR/Estra S.p.A.	The economic value of sustainability in the energy market
<b>Positions reserved for scholarship holders of foreign countries</b>			
G.	1	//	No research topic restriction
<b>Positions reserved to scholarship holders of specific international mobility programmes</b>			
H.	1	//	No research topic restriction

Type of rankings	<ul style="list-style-type: none"> <li>• Single ranking list for positions with no research topic restriction (positions A, B, C, G)</li> <li>• Stand-alone ranking lists for each position with DM 351 scholarship (positions D, E)</li> <li>• Stand-alone ranking lists for each position with DM 352 scholarship (position F)</li> <li>• For positions reserved for scholarship holders of international mobility programmes (position J), see Art. 5, section 5 of the notice.</li> </ul>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Research project</b> (max. 10 pages in English)</li> <li>• <b>Reference letters</b> (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)</li> <li>• <b>Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento</b> or equivalent foreign degree translated into Italian or English (max. 1 pag.)</li> <li>• English language certification, level B2, if available (optional)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p>Candidates who achieved (or will achieve by 31 October 2022) the <b>diploma di laurea at an Italian university</b> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ul style="list-style-type: none"> <li>• University issuing the title</li> <li>• type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>• degree course name</li> <li>• list of examinations with votes</li> <li>• date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p>Candidates who achieved (or will achieve by 31 October 2022) their <b>degree at a foreign</b></p>

	<p><b>university</b> (with a duration of at least four years) must specify in their curriculum:</p> <ul style="list-style-type: none"> <li>• University issuing the title</li> <li>• type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i></li> <li>• date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li>• <b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	<a href="https://phdeconomics.unisi.it/">https://phdeconomics.unisi.it/</a>
Selection modalities	<ul style="list-style-type: none"> <li>• Evaluation of curriculum vitae et studiorum and research project</li> <li>• Interview</li> </ul>
Admission requirements	<b>All masters' degrees</b> ( <i>lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento</i> )
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p><b>Evaluation of curriculum et studiorum and research project</b>  curriculum vitae et studiorum – up to 30 points  research project – up to 20 points  The minimum score for admission to the interview is 30 points.</p> <p><b>Interview:</b> minimum score 30 points, maximum score 50 points.  The purpose of the interview is to discuss the submitted research project and to assess the candidate's background, ability and aptitude to conduct scientific research and general knowledge of the research topic if required.  The interview will be conducted via videoconference.</p> <p>The results of each test will be published on the PhD website:  <a href="https://www.unisi.it/didattica/post-laurea/dottorati-ricerca/economics">https://www.unisi.it/didattica/post-laurea/dottorati-ricerca/economics</a></p>
Dates of evaluation and exam(s)	<p>Evaluation of qualifications: 2 September 2022</p> <p>Interview: <b>5 September 2022</b>, 10 hrs (online, via GMeet <a href="https://meet.google.com/dqd-ibis-zoz">https://meet.google.com/dqd-ibis-zoz</a>)</p>
Selection committee	The composition of the committee will be published after the deadline for application.

<b>PhD in</b>	<b>Philology and Literary Criticism</b> <b>Administrative seat:</b> Università degli Studi di Siena - in cooperation with Università di Pisa, Università per Stranieri di Siena e CNR/OVI
Coordinator	Anne Schoysman, <a href="mailto:anne.schoysman@unisi.it">anne.schoysman@unisi.it</a>
Department	Filologia e critica delle letterature antiche e moderne DCFLAM
Curricula	Curriculum 1: <b>Filologia romanza</b> Curriculum 2: <b>Letterature moderne</b>
Open positions	<b>10</b>
of which:	

	n.	Funding institution(s)	Research topic
<b>Positions with scholarship</b>			
A.	3	University of Siena	No research topic restriction
B.	1	University of Pisa	No research topic restriction
C.	1	University for Foreigners Siena	No research topic restriction
D.	1	CNR/OVI	Specific research topic - <i>Lessicografia web based dell'italiano antico</i>
<b>Positions with DM 351 scholarship</b>			
E.	1	MUR/University of Siena	Cultural heritage: <i>Archivio Franco Fortini</i>
<b>Positions with scholarship reserved for students with a degree from a foreign university</b>			
F.	1	DFCLAM (Eccellenza)	No research topic restriction
<b>Positions without scholarships</b>			
G.	2	//	No research topic restriction

Type of rankings	<ul style="list-style-type: none"> <li>• one ranking list for curriculum 1 “Filologia romanza” – 4 positions, of which: 2 positions with UNISI scholarship; 1 position with UNIFI scholarship; 1 position without scholarship</li> <li>• one ranking list for curriculum 2, “Letterature moderne” - 3 positions, of which: 1 position with UNISI scholarship, 1 position with UNISTRASI scholarship; 1 position without scholarship</li> <li>• one ranking list for 1 position with CNR/OVI scholarship on the research topic “Lessicografia web based dell’italiano antico”</li> <li>• one ranking list for 1 position with ex DM 351 scholarship on the research topic “Cultural heritage: <i>Archivio Franco Fortini</i>”</li> <li>• one ranking list for students with a degree from a foreign university: 1 position with Department scholarship</li> <li>•</li> </ul> <p>Candidates can apply for both a position with a scholarship without topic restrictions (or without scholarship) and a position with a scholarship on a defined research topic. If in possession of an adequate profile, applicants for curriculum 1 or 2 are invited to apply <u>also</u> for the scholarships reserved to the research topics “Lessicografia web based dell’italiano antico” or “Archivio Franco Fortini”.</p> <p>Applicants who have obtained their master’s degree from a foreign university (or in possession of a double/joint degree obtained upon a cotutelle agreement between an Italian and a foreign university) can apply simultaneously for one of the two curricula, for a scholarship with a defined topic, and for the position reserved to students with a degree from a foreign university.</p>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Research project</b> (10 pages max.)</li> <li>• <b>Reference letters</b> (no more than two) of Italian and international academics and/or</li> </ul>

	<p>research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided)</p> <ul style="list-style-type: none"> <li>• <b>Abstract of the thesis</b> Laurea Magistrale/Specialistica/vecchio ordinamento or equivalent foreign degree translated into Italian or English (max 8 pages, also for candidates who obtain the degree by 31 October 2022).</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p><u>Candidates who obtained (or will obtain by 31 October 2022) the <b>diploma di laurea at an Italian university</b></u> have to provide, in their curriculum, all the information about the university career and the title of admission, in particular:</p> <ol style="list-style-type: none"> <li>11. University issuing the title</li> <li>12. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>13. degree course name</li> <li>14. list of examinations with votes</li> <li>15. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ol> <p><u>Candidates who obtained (or will obtain by 31 October 2022) their <b>degree at a foreign university</b></u> (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> <li>4. University issuing the title</li> <li>5. type of degree (min. duration four years) – <i>Bachelor’s degree/ Master’s degree</i></li> <li>6. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ol> <p>Candidates with a foreign degree must attach to the online presentation the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> </ul>
Web site for further information	<a href="https://www.dfclam.unisi.it/it/ricerca/dottorati-di-ricerca/filologia-e-critica">https://www.dfclam.unisi.it/it/ricerca/dottorati-di-ricerca/filologia-e-critica</a>
Selection modalities	<p>For curriculum 1, “Filologia romanza”, for curriculum 2, “Letterature moderne”, for the positions on the research topics “Lessicografia <i>web based</i> dell’italiano antico” and “Patrimonio culturale”- Centro Fortini :</p> <ol style="list-style-type: none"> <li>1) Written test</li> <li>2) Evaluation of CV and Research Project</li> <li>3) Interview</li> </ol> <p>For the position reserved to students with a degree from a foreign university:</p> <ol style="list-style-type: none"> <li>1) Interview (normally held remotely)</li> <li>2) Evaluation of CV and Research Project</li> </ol> <p>Should no candidates for the position reserved to students with a foreign degree obtain eligibility, the scholarship will be assigned to an eligible candidate in one of the other ranking lists for the present procedure (see Regolamento in materia di dottorato, art. 9.7).</p>
Admission requirements	<p>All masters’ degrees (<i>lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento</i>)</p> <p>Perfect knowledge of the Italian language (mother tongue or C2 level).</p>
Exam procedures	<p>The overall score is given by the sum of scores achieved in the single evaluations and exam(s). The minimum score for eligibility is 60/100.</p> <p>All eligible candidates must achieve the minimum score for eligibility in each evaluation.</p> <p><b>A. EVALUATION AND TESTS (all ranking lists EXCEPT the position reserved to candidates with a foreign degree)</b></p> <p><b>WRITTEN TEST</b></p> <p><b>a) Curriculum 1 (Filologia romanza) and Curriculum 2 (Letterature moderne):</b></p> <p><b>Text analysis</b></p> <p>Candidates will have to prove their historical, philological, critical, and methodological</p>

competence through the analysis and commentary of a text in verse or prose among the following scholarly fields: Medieval Romance literature, Medieval Latin literature and humanities (curriculum 1), modern European literatures (curriculum 2).

Candidates may choose from a list of texts.

**b) Position on the research topic “Lessicografia web based dell’italiano antico”:**

Candidates will have to write an essay on topics related to the Italian language history and philology, with particular focus on lexicographic skills and with reference to the main digital tools commonly used in the discipline.

**c) Position on the research topic “Patrimonio culturale”:**

Candidates will have to write an essay on the history of literature and criticism of the Italian twentieth century, in view of a doctoral project aimed to critically study the Franco Fortini Archive preserved at the Humanistic Library of the University of Siena.

**Minimum score for eligibility: 25 / maximum score: 40**

**The written tests for the positions with defined research topics will be held on the same day as the written tests for Curricula 1 and 2 but at a different time, to allow applicants to participate in either selection.**

**EVALUATION OF CV AND RESEARCH PROJECT**

The evaluation will be carried out by the Committee after the correction of the written test and will concern only those candidates who have passed the written test. The presence of candidates is not allowed during the evaluation.

The evaluation of titles (cv, abstract of the master’s thesis, letter/s of references) and of the research project, will be carried out according to the following criteria:

- up to a maximum of 6 points for the CV;
- up to a maximum of 15 points for the research project,
- up to a maximum of 4 points for letter/s of references,
- up to a maximum of 5 points for the MA thesis abstract.

Minimum score for eligibility: 18 / maximum score: 30

**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 “Patrimonio culturale” 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**

**B. EVALUATION AND TEST FOR THE POSITION RESERVED TO CANDIDATES WITH A DEGREE OBTAINED IN A FOREIGN INSTITUTION:**

**INTERVIEW**

The interview is aimed at verifying the candidates’ research skills and will mainly consist in a discussion of her/his research project. It will be held remotely via videoconference unless the candidate requests to be interviewed in presence. The University of Siena does not assume responsibility for incomplete tests due to technical failures. The Committee will ensure the

	<p>regularity of the online procedure through an identity check and a correct interview.</p> <p><b>Minimum score for eligibility: 25 / maximum score: 40</b></p> <p><b>EVALUATION OF CV AND RESEARCH PROJECT</b></p> <p>The evaluation will be carried out by the Committee after the interviews and will concern only the candidates who have obtained the minimum score. The presence of candidates is not allowed during the evaluation.</p> <p>The evaluation of titles (cv, abstract of the master's thesis, letter/s of references) and of the research project, will be carried out according to the following criteria:</p> <ul style="list-style-type: none"> <li>- up to a maximum of 12 points for the CV;</li> <li>- up to a maximum of 30 points for the research project,</li> <li>- up to a maximum of 8 points for letter/s of references,</li> <li>- up to a maximum of 10 points for the MA thesis abstract.</li> </ul> <p>Minimum score for eligibility: 35 / maximum score: 60</p> <p>The results of each test will be published on the PhD web site:  <a href="https://www.dfclam.unisi.it/it/ricerca/dottorati-di-ricerca/filologia-e-critica/ammissione">https://www.dfclam.unisi.it/it/ricerca/dottorati-di-ricerca/filologia-e-critica/ammissione</a></p>
<p>Dates of evaluation and exam(s)</p>	<ul style="list-style-type: none"> <li>• <b>Written test for Curriculum 1 (Filologia romana) and for curriculum 2 (Letterature moderne): September 1, 2022, at 9.30 am. Venue:</b> Dipartimento di Filologia e critica delle Letterature antiche e moderne, Palazzo San Niccolò, 4th floor, Via Roma 56, Siena.</li> <li>• <b>Written test for the position on the research topic Lessicografia <i>web based</i> dell'italiano antico): September 1, 2022, at 3.30 pm. Venue:</b> Dipartimento di Filologia e critica delle Letterature antiche e moderne, Palazzo San Niccolò, 4th floor, Via Roma 56, Siena.</li> <li>• <b>Written test for the position on the research topic "Patrimonio culturale"- Archivio Franco Fortini: September 1, 2022, at 3.30 pm. Venue:</b> Dipartimento di Filologia e critica delle Letterature antiche e moderne, Palazzo San Niccolò, 4th floor, Via Roma 56, Siena.</li> </ul> <p>Applicants for the position reserved to students with a foreign degree are not required to take the written test.</p> <p>The score of the written test and of the subsequent evaluation of the CV and the research project, together with the list of candidates admitted to the interviews, will be published within <b>Friday, September 9, 2022</b>, on the website:  <a href="https://www.dfclam.unisi.it/it/ricerca/dottorati-di-ricerca/filologia-e-critica/ammissione">https://www.dfclam.unisi.it/it/ricerca/dottorati-di-ricerca/filologia-e-critica/ammissione</a>.</p> <p><b>Candidates will receive no further communication related to the selection process.</b></p> <p>Interviews will be held at the Department of "Filologia e critica delle Letterature antiche e moderne", Palazzo San Niccolò, Via Roma 56, Siena on <b>Tuesday, September 13 and Wednesday, September 14 2022</b>. 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.</p> <p>Any additional information about the interviews will be published on the PhD website:  <a href="https://www.dfclam.unisi.it/it/ricerca/dottorati-di-ricerca/filologia-e-critica/ammissione">https://www.dfclam.unisi.it/it/ricerca/dottorati-di-ricerca/filologia-e-critica/ammissione</a></p>
<p>Selection committee</p>	<p>The composition of the Committee will be published after the deadline for application.</p>

<b>PhD in</b>	<b>Experimental Physics</b>
Coordinator	Riccardo Paoletti, riccardo.paoletti@unisi.it
Department	Scienze Fisiche, della Terra e dell'Ambiente DSFTA
Open positions	<b>3</b>
of which:	

	n.	Funding institution	Research topic
<b>Posti con borsa</b>			
A.	3	University of Siena	No reserach topic restriction

Type of rankings	Single ranking list for all positions
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Research project</b> (in English)</li> <li>• <b>Reference letters</b> (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)</li> <li>• <b>Thesis abstract of abstract</b> of <i>Laurea Magistrale/Specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian, English or French</li> <li>• English language certification, level B2, if available (optional)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p>Candidates who achieved (or will achieve by 31 October 2022) the <b>diploma di laurea at an Italian university</b> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ul style="list-style-type: none"> <li>• University issuing the title</li> <li>• type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>• degree course name</li> <li>• list of examinations with votes</li> <li>• date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p>Candidates who achieved (or will achieve by 31 October 2022) their <b>degree at a foreign university</b> (with a duration of at least four years) must specify in their curriculum:</p> <ul style="list-style-type: none"> <li>• University issuing the title</li> <li>• type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i></li> <li>• date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li>• <b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	<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>
Selection modalities	<ul style="list-style-type: none"> <li>• <b>Evaluation of qualifications and curriculum vitae et studiorum</b></li> <li>• <b>Evaluation of research project (in English)</b></li> </ul>

Admission requirements	LM-17 Fisica LM-58 Scienze dell'universo
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p><b>Evaluation of qualifications.</b> Candidates are not allowed to be present during the evaluation. Up to a maximum of 55 points of which - up to 35 points max. for the Curriculum Vitae et studiorum, - up to 10 points max. for reference letters, - up to 10 points max. for the thesis abstract.</p> <p><b>Evaluation of research project.</b> Candidates are not allowed to be present during the evaluation. Up to a maximum of 45 points.</p> <p>The results of each test will be published on the PhD website and will be communicated to the applicants by the selection committee.</p>
Dates of evaluation and exam(s)	//
Selection committee	The composition of the committee will be published after the deadline for application.

<b>PhD in</b>	<b>Genetica, Oncologia e Medicina Clinica (GenOMeC)</b> Sede amministrativa Università degli Studi di Siena - in convenzione con Università di Pisa, Università degli Studi di Firenze e CNR/IFC
Coordinator	Francesca Ariani, francesca.ariani@unisi.it
Department	Biotechnologie Mediche DBM
Open positions	<b>18</b>
of which:	

	n.	Funding institution(s)	Research topic
<b>Positions with scholarship</b>			
A.	1	University of Siena/CNR-IFC	No research topic restriction
B.	2	CNR-IFC	No research topic restriction
C.	2	University of Florence/DMSC UniFi	No research topic restriction
D.	1	University of Pisa	No research topic restriction
E.	1	DSMCN UniSI/University of Siena	No research topic restriction
F.	3	University of Siena/DSBSC “Mario Serio” UniFI	No research topic restriction
G.	1	DMSC UniFI	Molecular-genetic basis and ethnic differences in oncological diseases
H.	1	DRTNTMC UniPI	Repurposing strategies for anticancer drugs that affect lipid metabolism as novel antiviral chemotherapeutics
I.	1	University of Siena/CNR-IIT	No research topic restriction
<b>Positions with DM 351 scholarship</b>			
J.	1	MUR/Ateneo	PNRR research: Advanced diagnosis with machine learning techniques and gene therapy of rare and complex diseases
<b>Positions without scholarship</b>			
K.	4	//	No research topic restriction

Type of rankings	<ul style="list-style-type: none"> <li>• Single ranking list for all positions with scholarship and no research topic restriction (positions A-F, I)</li> <li>• Stand-alone ranking lists for positions with scholarship and specific research topic (positions G, H)</li> <li>• Stand-alone ranking list for the position with DM 351 scholarship (position J)</li> <li>• Stand-alone ranking list for positions without scholarship (position K)</li> </ul>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Research project written in English</b> (max. 2-3 pages) and articulated in <i>Background</i> (max 400 words); <i>Aims</i> (max 400 words); <i>Methods</i> (max 300 words) e <i>Expected Results</i> (max 300 words)</li> <li>• <b>Reference letters</b> (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)</li> <li>• <b>Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento</b> or equivalent foreign degree translated into Italian, English or French (max. 1 page)</li> <li>• English language certification, level B2, if available (optional)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p>

	<p>Candidates who achieved (or will achieve by 31 October 2022) the <b><i>diploma di laurea at an Italian university</i></b> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ol style="list-style-type: none"> <li>16. University issuing the title</li> <li>17. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>18. degree course name</li> <li>19. list of examinations with votes</li> <li>20. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ol> <p>Candidates who achieved (or will achieve by 31 October 2022) their <b><i>degree at a foreign university</i></b> (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> <li>7. University issuing the title</li> <li>8. type of degree (min. duration four years) – <i>Bachelor’s degree/ Master’s degree</i></li> <li>9. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ol> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li>• <b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	<a href="http://genomec.dbm.unisi.it/">http://genomec.dbm.unisi.it/</a>
Selection modalities	Evaluation of qualifications and curriculum vitae Evaluation of research topic (in English)
Admission requirements	All master’s degrees
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p><b>Evaluation of qualifications.</b> Candidates are not allowed to be present during the evaluation. Up to a maximum of 65 points.</p> <p><b>Evaluation of research project.</b> Candidates are not allowed to be present during the evaluation. Up to a maximum of 35 points.</p>
Dates of evaluation and exam(s)	Evaluation of qualifications and research topic: <b>12 September 2022</b>
Selection committee	The composition of the committee will be published after the deadline for application.

Annex 9

<b>PhD in</b>	<b>Ingegneria e Scienza dell'Informazione – Information Engineering and Science</b>
Coordinator	Mauro Barni <a href="mailto:mauro.barni@unisi.it">mauro.barni@unisi.it</a>
Department	Ingegneria dell'Informazione e Scienze Matematiche DIISM
Open positoinis	<b>18</b>
of which:	

	n.	Funding institution(s)	Research topic
<b>Positions with scholarship</b>			
A.	3	University of Siena	No research topic restriction
B.	1	Leonardo SpA	Certified Deep Learning: approaches and methodologies
C.	1	Leonardo SpA	Advanced Robotic End-effectors for Grasping and Flexible Manipulation - The goal of the research is to design, develop, and control an adaptive robotic gripper for grasping and manipulation
D.	1	CNR ISTI	Artificial intelligence enhanced location-based systems for innovative environments
<b>Positions with DM 351 scholarship</b>			
E.	1	MUR/University of Siena	All themes related to PNRR research, including: digitalization, automation and security of productive processes, green transition, resource optimization, artificial intelligence and bioinformatics
F.	1	MUR/University of Siena	Digital transition, automation, security and resource optimization for the public administration
<b>Positions with DM 352 scholarship</b>			
G.	1	MUR/Leonardo SpA	Knowledge graphs applied to image recognition
H.	1	MUR/Barilla G.e R. Fratelli SpA	Developing mathematical models and decision support systems for crop planning with sustainability and supply chain constraints
I.	1	MUR/Toscana Life Sciences	Characterisation of the protein-protein interaction landscape through Deep Learning approaches and application to monoclonal antibodies
J.	1	MUR/Toscana Life Sciences	A machine learning approach for bioinformatics investigation of - omics technologies
<b>Positions without scholarship</b>			
K.	4	//	No research topic restriction
<b>Positions reserved to scholarship holders of specific international mobility programmes</b>			
L.	2	//	No research topic restriction

Type of rankings	<ul style="list-style-type: none"> <li>• Single ranking list for positions with scholarship with no research topic restriction and positions without scholarship (positions A and K)</li> <li>• Stand-alone ranking lists for each position with scholarship and specific research topic (positions B, C, D)</li> <li>• Stand-alone ranking lists for each position with DM 351 and DM 352 scholarship (positions E-J)</li> <li>• For positions reserved for scholarship holders of international mobility programmes (position L), see Art. 5, section 5 of the notice</li> </ul>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b> containing a statement of the access title held with the issuing institution in addition to a list of publications (if any)</li> <li>• <b>Research project</b> (in English, max 4 pages);</li> <li>• <b>Reference letters</b> (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);</li> <li>• <b>Thesis abstract of Laurea Magistrale/Specialistica/vecchio ordinamento</b> or equivalent foreign degree translated into Italian or English;</li> <li>• English language certification, level B2, if available (optional)</li> <li>• Any other document considered useful for assessing the eligibility of the qualification.</li> </ul>

	<p>Eligibility of foreign degrees (to be translated into Italian or English) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p>Candidates who achieved (or will achieve by 31 October 2022) the <b><i>diploma di laurea at an Italian university</i></b> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ul style="list-style-type: none"> <li>• University issuing the title</li> <li>• type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>• degree course name</li> <li>• list of examinations with marks</li> <li>• date of title award with final mark or expected award date (no later than 31 October 2022).</li> </ul> <p>Candidates who achieved (or will achieve by 31 October 2022) their <b><i>degree at a foreign university</i></b> (with a duration of at least four years) must specify in their curriculum:</p> <ul style="list-style-type: none"> <li>• University issuing the title</li> <li>• type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i></li> <li>• date of title award with final mark or expected award date (no later than 31 October 2022).</li> </ul> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and marks – with a translation in Italian or English</li> <li>• <b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	<a href="http://phdies.ing.unisi.it/">http://phdies.ing.unisi.it/</a>
Selection modalities	<b>Evaluation of qualifications and curriculum</b> <b>Evaluation of research project (in English)</b> <b>Interview</b>
Admission requirements	<b>All masters' degrees</b> ( <i>lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento</i> )
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p><b>Evaluation of qualifications and curriculum</b> – up to a maximum of 45 points <b>Evaluation of research project</b> – up to a maximum of 25 points</p> <p>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.</p> <p><b>Interview</b>– up to a maximum of 30 points The interview will be held online via Gmeet on 12 September 2022, from 9.30 to 19.00. The link to the meeting room is: <a href="https://meet.google.com/swo-nwrz-itx">https://meet.google.com/swo-nwrz-itx</a></p> <p>The minimum score for eligibility is: <b>Minimum 40, out of 70, for qualifications, curriculum and research project</b> <b>Minimum 15, out of 30, for the interview</b> <b>Minimum 60, out of 100, as overall score.</b></p> <p>The list of applicants admitted to the interview will be announced via videoconference (<a href="https://meet.google.com/swo-nwrz-itx">https://meet.google.com/swo-nwrz-itx</a>) on 12 September 2022, at 9:30 (Italian time).</p>
Dates of evaluation and exam(s)	Interview: <b>online via Gmeet</b> ( <a href="https://meet.google.com/swo-nwrz-itx">https://meet.google.com/swo-nwrz-itx</a> ) <b>The interview will be held on 12 September 2022, from 9.30 to 19.00.</b>
Selection committee	The composition of the committee will be published after the deadline for application.

**Annex 10**

<b>PhD in</b>	<b>Molecular Medicine</b> Administrative seat Università degli Studi di Siena - in cooperation with: Università di Pisa e Università degli Studi di Firenze
Coordinator	Vincenzo Sorrentino <vincenzo.sorrentino@unisi.it>
Department	Medicina Molecolare e dello Sviluppo DMMS
Open positions of which	<b>11</b>

	n.	Funding institution(s)	Research topic
<b>Positions with scholarship</b>			
A.	3	University of Siena	No research topic restriction
B.	1	University of Florence	No research topic restriction
C.	1	University of Pisa	No research topic restriction
D.	1	DMSC UniFi (Annunziato)	Specific research topic: Molecular-genetic basis and ethnic differences in cardiovascular diseases
<b>Positions with DM 351 scholarship</b>			
E.	1	MUR/University of Siena	Specific research topic: PNRR research - Development of a therapeutic strategy for congenital myopathies based on the expression of miRNAs in mouse models of disease using adenoviral vectors
<b>Positions without scholarship</b>			
F.	2	//	No research topic restriction
<b>Positions reserved for employees (with salary maintenance)</b>			
G.	2	Chianciano Salute	No research topic restriction

Type of rankings	<ul style="list-style-type: none"> <li>• Single ranking list for all positions with no research topic restriction (positions A, B, C, F)</li> <li>• Stand-alone ranking lists for each position with specific research topic (positions D, E)</li> <li>• Stand-alone ranking list for positions reserved for employees (position G)</li> </ul>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b> containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Reference letters</b> (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)</li> <li>• <b>Thesis abstract of Laurea Magistrale/Specialistica/vecchio</b> or equivalent foreign degree translated into Italian, English or French (max. 1 page)</li> <li>• <b>Research project</b> (max. 2 pages) mandatory for position E with DM 351 scholarship</li> <li>• English <u>language</u> certification, level B2, if available (optional)</li> <li>• Only for applicants for positions reserved for employees: <b>Employment contract or letter of commitment from the enterprise</b> guaranteeing employment for the entire duration of the PhD course (1 November 2022-31 October 2025)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p><u>Candidates who achieved (or will achieve by 31 October 2022) the <b>diploma di laurea at an Italian university</b> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</u></p> <ul style="list-style-type: none"> <li>• University issuing the title</li> <li>• type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>• degree course name</li> <li>• list of examinations with votes</li> <li>• date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul>

	<p>Candidates who achieved (or will achieve by 31 October 2022) their <b>degree at a foreign university</b> (with a duration of at least four years) must specify in their curriculum:</p> <ul style="list-style-type: none"> <li>• University issuing the title</li> <li>• type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i></li> <li>• date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li>• <b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	<a href="https://www.dmms.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca/dottorato-medicina-molecolare">https://www.dmms.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca/dottorato-medicina-molecolare</a>
Selection modalities	<ul style="list-style-type: none"> <li>• Evaluation of qualifications and curriculum</li> <li>• Interview</li> </ul>
Admission requirements	<b>All masters' degrees</b> ( <i>lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento</i> )
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The <b>minimum score</b> for eligibility is <b>60/100</b>.</p> <p><b>Evaluation of qualifications and curriculum:</b> minimum score <b>20 points</b>- maximum <b>30 points</b>. The minimum score for admission to the interview is 20 points.</p> <p><b>Interview:</b> minimum score <b>40 points</b> - maximum <b>70 points</b>.</p> <p>The purpose of the interview will be to assess the applicants' previous experience and the knowledge of English. In the case of scholarships with a specific topic and for those with an obligation to stay abroad, an interview will be held to ascertain the applicant's availability to accept the research topic and/or to carry out the research period abroad.</p> <p>The interview may be conducted via videoconference in justified and ascertainable cases.</p> <p>The results of each test and the final ranking lists will be published on the PhD website.</p>
Dates of evaluation and exam(s)	<p>Evaluation of qualifications: the date will be published on the PhD webpage.</p> <p>Interview (Polo Scientifico San Miniato, University of Siena): Date, time, and classroom will be published on the PhD webpage.</p>
Selection committee	The composition of the committee will be published after the deadline for application.

**Annex 11**

<b>PhD in</b>	<b>Translational and precision medicine</b>
Coordinator	Francesco Dotta <francesco.dotta@unisi.it>
Department	Scienze Mediche, Chirurgiche e Neuroscienze (DSMCN)
Open positions	<b>10</b>
of which	

	n.	Funding institution(s)	Research topic
<b>Positions with scholarship</b>			
A.	3	Ateneo	No research topic restriction
B.	1	CREMEP Siena	Analysis of biomarkers in the field of precision medicine applied to the study of chronic and autoimmune diseases
C.	1	CREMEP Siena	The role of therapy response markers for metabolic and immune-mediated diseases: contribution of precision medicine
<b>Positions with DM 351 scholarship</b>			
C.	1	MUR /University of Siena	PNRR research (see art. 7 of D.M. 351/2022)
<b>Positions with DM 352 scholarship</b>			
D.	1	MUR/Toscana Life Sciences	Monoclonal antibody use in precision medicine
E.	1	MUR/EPIGEN	Autologous cellular vaccines for cancer treatment
<b>Positions without scholarship</b>			
F.	2	//	No research topic restriction

Type of rankings	<ul style="list-style-type: none"> <li>• Single ranking list for positions with and without scholarship with no research topic restriction (positions A, G)</li> <li>• Stand-alone ranking lists for positions with scholarship and specific research topic (positions B, C)</li> <li>• Stand-alone ranking lists for each DM 351 and DM 352 scholarship (positions D, E, F)</li> </ul>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Research project</b> (max. 3 pages in English)</li> <li>• <b>Reference letters</b> (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)</li> <li>• <b>Thesis abstract</b> of <i>Laurea Magistrale/Specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian, English or French (max. 1 page)</li> <li>• English language certification, level B2, if available (optional)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p><u>Candidates who achieved (or will achieve by 31 October 2022) the <b>diploma di laurea at an Italian university</b> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</u></p> <ul style="list-style-type: none"> <li>• University issuing the title</li> <li>• type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>• degree course name</li> <li>• list of examinations with votes</li> <li>• date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p><u>Candidates who achieved (or will achieve by 31 October 2022) their <b>degree at a foreign university</b> (with a duration of at least four years) must specify in their curriculum:</u></p> <ul style="list-style-type: none"> <li>• University issuing the title</li> <li>• type of degree (min. duration four years) – <i>Bachelor’s degree/ Master’s degree</i></li> </ul>

	<ul style="list-style-type: none"> <li>• date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li>• <b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	<a href="https://www.unisi.it/ricerca/dottorati-di-ricerca/dottorati-di-ricerca-38-ciclo">https://www.unisi.it/ricerca/dottorati-di-ricerca/dottorati-di-ricerca-38-ciclo</a>
Selection modalities	<ul style="list-style-type: none"> <li>• Evaluation of qualifications and curriculum vitae</li> <li>• Interview</li> </ul>
Admission requirements	All masters' degrees
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p><b>Evaluation of qualifications and curriculum vitae:</b> Candidates are not allowed to be present during the evaluation. Minimum score 20/maximum score 40</p> <p><b>Interview:</b> Presentation (duration 10-15 minutes) and discussion of the research project to be conducted in English. The interview may be conducted via videoconference. Minimum score 40/maximum score 60</p> <p><b>The results of each test will be published on the PhD website.</b></p>
Dates of evaluation and exam(s)	<p>Valutazione titoli: 7 settembre 2022</p> <p>Colloquio: <b>12 settembre 2022</b>, ore 11, aula 4, Complesso Didattico Santa Maria alle Scotte</p>
Selection committee	The composition of the committee will be published after the deadline for application.

<b>PhD in</b>	<b>Scienze della Vita – Life Sciences</b> <i>Administrative seat</i> Università degli Studi di Siena - <b>in cooperation with</b> Università di Pisa e INGV
Coordinator	<b>Massimo Valoti</b> , massimo.valoti@unisi.it
Department	Scienze della Vita DSV
Curricula	Curriculum 1: <i>Conservation and biodiversity</i> Curriculum 2: <i>Cell biology, Physiopathology and Pharmacology</i>
Open positions	<b>14</b> - Applicants may apply for more than one research topic.
of which:	

	<i>n.</i>	<i>Funding institution(s)</i>	<i>Research topic</i>
<b>Positions with scholarship</b>			
A.	1	University of Siena	Functional Proteomics in Disease Profiling and biomarker discovery (FPDisProf)
B.	1	University of Siena	Bioplastics: solution or new problem? (BIOPLASTIC)
C.	1	University of Siena	Trophic networks in a Mediterranean area (TROPIC-NET)
D.	1	University of Pisa	Development of novel cell membrane camouflaged nanocarriers for drug targeting to metastatic tumors (NANOCANCER)
E.	1	INGV	Magnetic methodologies applied to biomonitoring of atmospheric particulate matter and environmental ecosystem services (Mag-Bio-Eco)
F.	1	DSV UniSI (Ulivieri)	Advanced In vitro Human Immune Profiling of GMMA-based vaccines (GAIPRO)
G.	1	Seqirus	Influenza vaccination policies in Italy: The role of biomedical science specialists in a complex public–private partnership paradigm. The study case of a Medical Affairs Department in a biopharmaceutical company (InfluVITaly_sec)
H.	1	Chiesi Farmaceutici	Characterization of a high translational power bronchopulmonary dysplasia model by morphological and morphometric analysis (BPD-MMA)
<b>Positions with DM 351 scholarship</b>			
I.	1	MUR/ University of Siena	PNRR Research: Modulation of innovative targets for neurodegenerative diseases: synthesis and pharmacological evaluation of new modulators of the GPR55 receptor (MIND55)
<b>Positions with DM 352 scholarship</b>			
J.	1	MUR/VisMederi Srl	Evaluation of immune responses elicited by SARSCov2 vaccine administration by different validated analytical assays (COVIMMUNI)
K.	1	MUR/VisMederi Srl	Development and validation of bioanalytical method for evaluation of the efficacy of new vaccines against SARSCov2 (COVASSAY)
L.	1	MUR/Bio4Nature	Proteomic analysis of cell wall's proteins in some economically relevant fungi (ProteoFun)
<b>Positions without scholarship</b>			
M.	1	DSV UniSI	Ecological parameters of wild boar in protected areas (ECO-BOAR)
<b>Positions reserved for employees (with salary maintenance)</b>			
N.	1	Seqirus	Real-world evidence role in the development of drugs (ReWorldEvi)

Type of rankings	Stand-alone ranking lists for every position (positions A-N)
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Cover letter</b> in English: description of motivations for attending the PhD in <i>Scienze della Vita</i> - 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.</li> <li>• <b>Reference letters</b> (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)</li> <li>• <b>Thesis abstract of Laurea Magistrale/Specialistica/vecchio</b> or equivalent foreign degree translated into Italian, English or French (max. 2 pages)</li> </ul>

	<ul style="list-style-type: none"> <li>English language certification, level B2, if available (optional)</li> <li>Only for applicants for positions reserved for employees: <b>Employment contract or letter of commitment from the enterprise</b> guaranteeing employment for the entire duration of the PhD course (1 November 2022-31 October 2025)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p>Candidates who achieved (or will achieve by 31 October 2022) the <b><i>diploma di laurea at an Italian university</i></b> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ul style="list-style-type: none"> <li>University issuing the title</li> <li>type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>degree course name</li> <li>list of examinations with votes</li> <li>date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p>Candidates who achieved (or will achieve by 31 October 2022) their <b><i>degree at a foreign university</i></b> (with a duration of at least four years) must specify in their curriculum:</p> <ul style="list-style-type: none"> <li>University issuing the title</li> <li>type of degree (min. duration four years) – <i>Bachelor’s degree/ Master’s degree</i></li> <li>date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li><b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li><b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	<a href="https://www.dsv.unisi.it/it/didattica/post-laurea/dottorati">https://www.dsv.unisi.it/it/didattica/post-laurea/dottorati</a>
Selection modalities	<ul style="list-style-type: none"> <li><b>Evaluation of qualifications and curriculum vitae</b></li> <li><b>Interview</b></li> </ul>
Admission requirements	<b>All masters’ degrees</b> ( <i>lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento</i> )
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The <b>minimum score</b> for eligibility is <b>60/100</b>.</p> <p><b>Evaluation of qualifications:</b> Candidates are not allowed to be present during the evaluation. Minimum score for admission to the interview: 20 (maximum 40).</p> <p><b>Interview:</b> during interview, the willingness to accept the research topic will be ascertained. Minimum score for passing the oral examination: 40 (maximum 60).</p> <p>Candidates admitted to the interview and residing or domiciled in Italy or abroad will be allowed to take the test online via videoconference. The virtual classroom on the Google Meet platform to connect to will be notified on the PhD website: <a href="https://www.dsv.unisi.it/it/didattica/post-laurea/dottorati">https://www.dsv.unisi.it/it/didattica/post-laurea/dottorati</a></p> <p>The candidates who are eligible for the interview after the evaluation of qualifications will be convened by the selection committee.</p> <p>The results of each test will be published on the PhD website (see link above).</p>
Dates of evaluation and exam(s)	<p>Evaluation of qualifications: <b>25 August 2022</b></p> <p>Interview: <b>12-13-14 September 2022, 9:00 hrs, Nuovi istituti biologici Siena</b></p>
Selection committee	The composition of the committee will be published after the deadline for application.

<b>PhD in</b>	<b>Environmental, geological and polar sciences and technologies</b>
Coordinator	Simone Bastianoni <simone.bastianoni@unisi.it>
Department	Scienze fisiche, della Terra e dell'ambiente DSFTA
Open positions	<b>8</b>
of which:	

n.	Funding institution(s)	Research topic
<b>Positions with scholarship</b>		
A.	1 University of Siena	No research topic restrictions
B.	1 Ateneo/SZN	Structural and mechanistic insight into the biomolecular corona formation of engineered nanomaterials and nanoparticles to unravel their impact on marine biodiversity
C.	1 University of Siena /Museo Antartide	Scientific and technological research in the polar regions
D.	1 University of Siena /DSFTA UniSI	Modern methodologies for slope stability analysis and monitoring
E.	1 University of Siena /DSFTA UniSI	Quantitative assessment of greenhouse gas emission liability
<b>Positions with DM 351 scholarship</b>		
F.	1 MUR/University of Siena	Digital and environmental transition (see art. 6, D.M. 351/2022)
<b>Positions without scholarship</b>		
G.	2 //	No research topic restrictions

Tipologia graduatoria	<ul style="list-style-type: none"> <li>• Single ranking list for positions with and without scholarship and with no research topic restriction (positions A, G)</li> <li>• Stand-alone ranking lists for each position with scholarship with specific research topic (positions B-E)</li> <li>• Stand-alone ranking list for position with DM 352 scholarship (position F)</li> </ul>
Documenti richiesti ai fini della valutazione (da allegare alla domanda online)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Research project</b> (3 pages max., see scheme on the PhD web site)</li> <li>• <b>Thesis abstract</b> of <i>Laurea Magistrale/Specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian, English or French (max. 2 pages)</li> <li>• English language certification, level B2, if available (optional)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p><u>Candidates who achieved (or will achieve by 31 October 2022) the <b>diploma di laurea at an Italian university</b> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</u></p> <ol style="list-style-type: none"> <li>21. University issuing the title</li> <li>22. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>23. degree course name</li> <li>24. list of examinations with votes</li> <li>25. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ol> <p><u>Candidates who achieved (or will achieve by 31 October 2022) their <b>degree at a foreign university</b> (with a duration of at least four years) must specify in their curriculum:</u></p> <ol style="list-style-type: none"> <li>10. University issuing the title</li> <li>11. type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i></li> <li>12. date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ol>

	<p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li>• <b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	<a href="https://www.dsfta.unisi.it/it/didattica/post-laurea/dottorati/dottorato-scienze-e-tecnologie-ambientali-geologiche-e-polari">https://www.dsfta.unisi.it/it/didattica/post-laurea/dottorati/dottorato-scienze-e-tecnologie-ambientali-geologiche-e-polari</a>
Selection modalities	<b>Evaluation of qualifications and research project (in inglese)</b> <b>Interview</b> (including English language test)
Admission requirements	<b>All masters' degrees</b> ( <i>lauree magistrali, specialistiche, a ciclo unico e vecchio ordinamento</i> )
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p><b>Evaluation of qualifications and research project.</b> Candidates are not allowed to be present during the evaluation. Score for qualifications: minimum 10/maximum 20 Score for research project: minimum 10/ maximum 20 Il punteggio minimo per accedere al colloquio è 20.</p> <p><b>Interview.</b>   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 ability will also be ascertained. Minimum score 40/maximum score 60</p> <p>The results of each test will be published on the doctoral website.</p>
Dates of evaluation and exam(s)	Evaluation of qualifications and research project: 5 September 2022 Interview: <b>8 September 2022</b> , 10:00 hrs (beginning), Complesso didattico Pian dei Mantellini
Selection committee	The composition of the committee will be published after the deadline for application.

<b>Corso di dottorato</b>	<b>Scienze Giuridiche</b>
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
Open positions	<b>7</b>
of which:	

n.	Funding institution(s)	Research topic	
<b>Positions with scholarship</b>			
A.	3	University of Siena	No research topic restriction
<b>Positions with DM 351 scholarship</b>			
B.	3	MUR/University of Siena	Public administration (see art. 8, D.M. 351/2022)
<b>Positions with DM 352 scholarship</b>			
C.	1	C.N.A. Servizi srl - Caf Imprese	Private law profiles of the digitalization of business procedures: focus on data protection and contracting

Type of rankings	<ul style="list-style-type: none"> <li>• Stand-alone ranking list for curriculum 1 for 1 position with scholarship and no research topic restriction (position A)</li> <li>• Stand-alone ranking list for curriculum 2 for 1 position with scholarship and no research topic restriction (position A)</li> <li>• Stand-alone ranking list for curriculum 3 for 1 position with scholarship and no research topic restriction (position A)</li> <li>• Stand-alone ranking list for curriculum 1 for 1 position with DM 351 scholarship (position B)</li> <li>• Stand-alone ranking list for curriculum 2 for 1 position with DM 351 scholarship (position B)</li> <li>• Stand-alone ranking list for curriculum 3 for 1 position with DM 351 scholarship (position B)</li> <li>• Stand-alone ranking list for curriculum 1 for 1 position with DM 352 scholarship (position C)</li> </ul> <p>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. If no candidate is eligible for any of the curricula in Position B, the scholarship will be awarded to the eligible candidate with the highest score in the other curricula in Position B.</p> <p>Candidates are required, under penalty of exclusion, to indicate in the header of the research project attached to the application, the curriculum and position, among those listed above, for which they intend to apply.</p> <p>With regard to position B, it is specified that the project must refer to the following research area as per art. 8, DM 351: "reconstructing and interpreting the legal framework of reference, both national and supranational for the individual policy area, including secondary legislation and instructions of a technical/applicative nature that necessarily complement said legal framework."</p>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Research project</b> (4 pages max., including main bibliographical references)</li> <li>• <b>Thesis abstract</b> of <i>Laurea Magistrale/Specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian, English or French (max. 2 pages)</li> <li>• <b>Reference letters</b> (no more than two) of Italian and international academics and/or</li> </ul>

	<p>research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided)</p> <ul style="list-style-type: none"> <li>English language certification, level B2, if available (optional)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p><u>Candidates who achieved (or will achieve by 31 October 2022) the <b>diploma di laurea at an Italian university</b></u> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ul style="list-style-type: none"> <li>University issuing the title</li> <li>type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>degree course name</li> <li>list of examinations with votes</li> <li>date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p><u>Candidates who achieved (or will achieve by 31 October 2022) their <b>degree at a foreign university</b></u> (with a duration of at least four years) must specify in their curriculum:</p> <ul style="list-style-type: none"> <li>University issuing the title</li> <li>type of degree (min. duration four years) – <i>Bachelor’s degree/ Master’s degree</i></li> <li>date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li><b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li><b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	<a href="https://www.dgiur.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca/dottorato-di-ricerca-scienze-giuridiche">https://www.dgiur.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca/dottorato-di-ricerca-scienze-giuridiche</a>
Selection modalities	<p><b>Evaluation of qualifications</b></p> <p><b>Written examination</b></p> <p><b>Interview</b> (including English language test)</p>
Admission requirements	<p>Masters' degree in one of the following classes:</p> <p>LMG/01 Classe delle lauree magistrali in giurisprudenza</p> <p>LM-52 Relazioni internazionali</p> <p>LM-56 Scienze dell'economia</p> <p>LM-62 Scienze della politica</p> <p>LM-63 Scienze delle pubbliche amministrazioni</p> <p>LM-77 Scienze economico-aziendali</p> <p>LM/SC-GIUR Scienze Giuridiche</p> <p>22/S (specialistiche in giurisprudenza)</p> <p>64/S (specialistiche in scienze dell'economia)</p> <p>70/S (specialistiche in scienze della politica)</p> <p>71/S (specialistiche in scienze delle pubbliche amministrazioni)</p> <p>84/S (specialistiche in scienze economico-aziendali)</p> <p>102/S (specialistiche in teoria e tecniche della normazione e dell'informazione giuridica)</p>
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p><b>Evaluation of qualifications and research project.</b> Candidates are not allowed to be present during the evaluation.</p> <p>Maximum score: 30</p> <p>The score will be assigned as follows:</p> <p>a) Master’s degree grade</p> <p>110/110 cum laude: 12 points</p> <p>110/110: 10 points</p>

	<p>from 108/110 to 109/110: 8 points  from 106/110 to 107/110: 6 points  from 104/ 110 to 105/110: 4 points  up to 103/110: 2 points</p> <p>b) Research project: up to 12 points  c) Other qualifications: up to 6 points</p> <p>The minimum score to be admitted to the written examination is 16.</p> <p><b>Written examination.</b>  Maximum score: 40 points  The minimum score to be admitted to the interview is 24 points.</p> <p><b>Interview.</b> The interview will deal with the proposed research project and with the activities to be carried out during the three-year course. The knowledge of the English language will be also assessed.  Maximum score: 30</p> <p>The results of each test will be published on the PhD website.</p>
Dates of evaluation and exam(s)	<p>Evaluation of qualifications: 2 settembre 2022  Written examination: <b>8 September 2022</b>, 9,00 hrs (Via Mattioli, 10, Siena)  Interview: <b>9 September 2022</b>, 9,00 hrs (Via Mattioli, 10, Siena)</p>
Selection committee	The composition of the committee will be published after the deadline for application.

<b>PhD</b>	<b>Social Sciences and Humanities</b>
Coordinator	Mattia Guidi <mattia.guidi@unisi.it>
Department	Scienze sociali, politiche e cognitive DISPOC
Curricula	Curriculum 1 - Mind and cultures Curriculum 2 – Society and politics
Open positions	<b>5</b>
of which:	

n.	Funding institution(s)	Research topic	
<b>Positions with scholarship</b>			
A.	2	University of Siena	No research topic restriction
<b>Positions with DM 351 scholarship</b>			
B.	2	MUR/University of Siena	Public administration (see art. 8, D.M. 351/2022)
<b>Positions without scholarship</b>			
C.	1	//	No research topic restriction

Type of rankings	<ul style="list-style-type: none"> <li>• Single ranking list for positions with and without scholarship with no research topic restriction (positions A and C)</li> <li>• Stand-alone ranking list for positions with DM 351 scholarship (position B)</li> </ul>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li>• <b>Curriculum vitae et studiorum</b>, containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li>• <b>Research project</b> (8.000 characters max., including spaces) written in English, which should include the state of the art, objectives and expected results of the research.</li> <li>• <b>Thesis abstract</b> of <i>Laurea Magistrale/Specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian, English or French (max. 2 pages)</li> <li>• <b>Lettere di referenze</b> (non più di due) di docenti universitari e/o <b>Reference letters</b> (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)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p><u>Candidates who achieved (or will achieve by 31 October 2022) the <b>diploma di laurea at an Italian university</b> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</u></p> <ul style="list-style-type: none"> <li>• University issuing the title</li> <li>• type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>;</li> <li>• degree course name</li> <li>• list of examinations with votes</li> <li>• date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p><u>Candidates who achieved (or will achieve by 31 October 2022) their <b>degree at a foreign university</b> (with a duration of at least four years) must specify in their curriculum:</u></p> <ul style="list-style-type: none"> <li>• University issuing the title</li> <li>• type of degree (min. duration four years) – <i>Bachelor’s degree/ Master’s degree</i></li> <li>• date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li>• <b>transcript</b> – certification of the title with the list of exams and votes – with a</li> </ul>

	<p>translation in Italian or English</p> <ul style="list-style-type: none"> <li>• <b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	Under construction
Selection modalities	<b>Evaluation of qualifications and research project</b> <b>Interview</b> (including English language test)
Admission requirements	Tutte le lauree magistrali
Exam procedures	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p><b>Evaluation of qualifications and research project.</b> Candidates are not allowed to be present during the evaluation. A maximum of 30 points may be assigned for the evaluation of qualifications. A maximum of 40 points may be assigned for project evaluation. The minimum score for admission to the interview is 60 points.</p> <p><b>Interview.</b> 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 30 points will be assigned for the evaluation of the interview.</p> <p>The results of each test will be published on the PhD website.</p>
Dates of evaluation and exam(s)	<p>Evaluation of qualifications and research project: 31 August 2022</p> <p>Interview: 14 September 2022 (continued, if required, on 15 September), 10:00 hrs (Plesso Mattioli, via Pier Andrea Mattioli 10, Siena)</p>
Selection committee	The composition of the committee will be published after the deadline for application.

<b>PhD in</b>	<b>History of Art</b> Administrative seat Università degli Studi di Siena - in cooperation with Università per Stranieri di Siena
Coordinator	Alessandro Angelini <alessandro.angelini@unisi.it>
Department	Scienze storiche e dei beni culturali (DSSBC)
Open positions	<b>6</b>
of which:	

n.	Finanziatore	Tema di ricerca	
<b>Positions with scholarship</b>			
A.	2	Ateneo	No research topic restriction
<b>Positions with DM 351 scholarship</b>			
B.	3	MUR/Università per Stranieri Siena	PNRR research (see art. 7, D.M. 351/2022)
<b>Positions without scholarship</b>			
C.	1	//	No research topic restriction

Type of rankings	<ul style="list-style-type: none"> <li>Single ranking list for positions with and without scholarship with no research topic restriction (positions A and C)</li> <li>Stand-alone ranking list for positions with DM 351 scholarship (position B)</li> </ul>
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> <li><b>Curriculum vitae et studiorum</b> containing a statement of the access title held with the issuing institution in addition to a list of any publications</li> <li><b>Research project</b> (up to 10,000 characters, 5 pages)</li> <li><b>Thesis abstract</b> of <i>laurea magistrale/specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian, English or French (pdf file)</li> </ul> <p>Eligibility of foreign degrees (to be translated into Italian, English or French) is ascertained by the selection committee in accordance with relevant regulations and international agreements on the recognition of qualifications for further studies.</p> <p><u>Candidates who achieved (or will achieve by 31 October 2022) the <b>diploma di laurea at an Italian university</b></u> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ul style="list-style-type: none"> <li>University issuing the title</li> <li>type of <i>laurea –magistrale/specialistica/vecchio ordinamento</i>;</li> <li>degree course name</li> <li>list of examinations with votes</li> <li>date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p><u>Candidates who achieved (or will achieve by 31 October 2022) their <b>degree at a foreign university</b></u> (with a duration of at least four years) must specify in their curriculum:</p> <ul style="list-style-type: none"> <li>University issuing the title</li> <li>type of degree (min. duration four years) – <i>Bachelor’s degree/ Master’s degree</i></li> <li>date of obtaining the title and final vote or expected date of obtaining the title (by 31 October 2022).</li> </ul> <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> <li><b>transcript</b> – certification of the title with the list of exams and votes – with a translation in Italian or English</li> <li><b>Diploma supplement</b> (if available).</li> </ul>
Web site for further information	Under construction

Selection modalities	<p><b>Evaluation of qualifications and research project</b></p> <p><b>Written examination</b></p> <p><b>Interview</b> (including English language test)</p>
Admission requirements	All master's degrees with theses in disciplines related to competition Area 10/B1 - Storia dell'Arte
	<p>The overall score is the sum of the scores obtained in the individual assessments and tests. The minimum score for eligibility is 60/100.</p> <p><b>Valutazione titoli (comprensiva di tesi di laurea) e progetto.</b> The presence of candidates is not allowed during the evaluation of qualifications and research project. Score: minimum 18 / maximum 30. The minimum score required to access the written test is 18.</p> <p><b>Written test</b> Score: minimum 18 / maximum 30. The minimum score for admission to the oral test is 18.</p> <p><b>Interview.</b> The interview will focus on the research project presented. Knowledge of the English language will also be tested. Score: minimum 24 / maximum 40.</p> <p>The results of each test will be published on the website of the <i>Dipartimento di Scienze Storiche e dei Beni Culturali dell'Università degli Studi di Siena</i> and on the web page of <i>Università per Stranieri di Siena</i>.</p>
Dates of evaluation and exam(s)	<p>Evaluation of qualifications: 2 September 2022</p> <p>Written examination: <b>6 September 2022</b>, 09:00 hrs (Università degli Studi di Siena, Dipartimento di Scienze Storiche e dei Beni Culturali, Via Roma, 56, 53100, Siena, room to be determined according to the number of candidates).</p> <p>Interview: <b>9 September 2022</b>, 09:00 hrs (Università degli Studi di Siena, Dipartimento di Scienze Storiche e dei Beni Culturali, Via Roma, 56, 53100, Siena, room to be determined according to the number of candidates).</p>
Selection committee	The composition of the committee will be published after the deadline for application.