

Second selection notice for doctoral courses of the University of Siena – 38th cycle

Annex 7

PhD in	Scienze della Vita – Life Sciences Administrative seat Università degli Studi di Siena - in convenzione con Università di Pisa e INGV
Coordinator	Massimo Valoti , massimo.valoti@unisi.it
Department	Scienze della Vita DSV
Curricula	Curriculum 1: <i>Biodiversità e Conservazione</i> Curriculum 2: <i>Biologia cellulare, Fisiopatologia e Farmacologia</i>
Open positions	8 – Candidates may apply for more than one research topic.

n.	Funding institution(s)	Research topic
Positions with scholarships		
A.	1	CREA/PNRR National Biodiversity Future Center NBFC, CN00000033, Affiliato Nodo 3, CUP B83D21014060006
		Electron and confocal microscopy techniques aimed at plant protection
B.	1	Ateneo/PNRR National Biodiversity Future Center NBFC, CN00000033, Spoke 3, CUP B63C22000650007
		<i>Adaptive strategies of large mammals in global change-threatened communities</i> (Acronimo: ADAPT) (referente scientifico Francesco Ferretti)
C.	1	Ateneo/PNRR National Biodiversity Future Center NBFC, CN00000033, Spoke 3, CUP B63C22000650007
		<i>Structure and interspecific dynamics in mammalian communities</i> (Acronimo: SIN-COM) (referente scientifico Francesco Ferretti)
D.	1	Ateneo/PNRR National Biodiversity Future Center NBFC, CN00000033, Spoke 3, CUP B63C22000650007
		Quantification of the contribution of wetlands and other remnants of naturalness to plant diversity in agricultural landscapes; (AGRINAT) (referente scientifico: Simona Maccherini)
E.	1	Ateneo/PNRR National Biodiversity Future Center NBFC, CN00000033, Spoke 3, CUP B63C22000650007 Ateneo/PNRR
		Spatial analysis of plant diversity and habitats in Italian coastal dune ecosystems to identify conservation priorities. (DUNEDIV) (referente scientifico: Simona Maccherini)
F.	1	Ateneo/PNRR National Biodiversity Future Center NBFC, CN00000033, Spoke 3, CUP B63C22000650007
		Participatory monitoring (citizen science) for assessing habitat quality and biodiversity of riverine ecosystems (referente scientifico Stefano Loppi)
G.		Ateneo/PNRR THE Tuscany Health Ecosystem, ECS00000017, Affiliato Spoke 7, CUP B63C22000680007
		Design of monoclonal antibodies for innovative treatments of emerging infectious diseases (referente scientifico Emanuele Montomoli)
Positions without scholarship		
H.	1	CREA/PNRR National Biodiversity Future Center NBFC CN00000033, Affiliato Nodo 3, CUP B83D21014060006
		Monitoring the conservation status of entomofauna in forest environment through traditional and citizen science methodologies

Type of rankings	Stand-alone ranking lists for every position (A-H)
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> • Curriculum vitae et studiorum (to be signed), containing a statement of the access title held with the issuing institution in addition to a list of any publications • Cover letter in English: description of motivations for attending the PhD in <i>Scienze della Vita - Life Sciences</i> 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. • Reference letters (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided) • Thesis abstract of Laurea Magistrale/Specialistica/vecchio or equivalent foreign degree translated into Italian, English or French (max. 2 pages) • English language certification, level B2, if available (optional)

	<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 December 2022) the <u>diploma di laurea at an Italian university</u> have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ul style="list-style-type: none"> • University issuing the title • type of <i>laurea</i> – <i>vecchio ordinamento/specialistica/magistrale</i>; • degree course name • list of examinations with votes • date of obtaining the title and final vote or expected date of obtaining the title (by 31 December 2022). <p>Candidates who achieved (or will achieve by 31 December 2022) their <u>degree at a foreign university</u> (with a duration of at least four years) must specify in their curriculum:</p> <ul style="list-style-type: none"> • University issuing the title • type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i> • date of obtaining the title and final vote or expected date of obtaining the title (by 31 December 2022). <p>Candidates with a foreign degree must attach to the online presentation also the following documentation:</p> <ul style="list-style-type: none"> • transcript – certification of the title with the list of exams and votes – with a translation in Italian or English • Diploma supplement (if available).
Web site for further information	https://www.dsv.unisi.it/it/didattica/post-laurea/dottorati
Selection modalities	<ul style="list-style-type: none"> • Evaluation of qualifications and curriculum vitae • Interview
Admission requirements	All masters' degrees (<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: Candidates are not allowed to be present during the evaluation. Minimum score for admission to the interview: 20 (maximum 40).</p> <p>Interview: 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: https://www.dsv.unisi.it/it/didattica/post-laurea/dottorati</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: 19 November 2022</p> <p>Interview: 23 November 2022, Complesso didattico di San Miniato, Università di Siena</p>
Selection committee	The composition of the committee will be published after the deadline for application.