

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

Annex 3

Phd in	Chemical and Pharmaceutical Sciences
Coordinator	Maurizio Taddei <maurizio.taddei@unisi.it>
Dipartimento	Dipartimento di Biotecnologie, Chimica e Farmacia DBCF
Posti da bandire	3

	n.	Funding institution(s)	Research topic
Positions with scholarship			
A.	3	Ateneo/PNRR National Biodiversity Future Center NBCF, CN00000033, Spoke 3, CUP B63C22000650007	Developing low-cost instruments for freshwater quality monitoring (referente scientifico Steven Arthur Loiselle)
B.	1	Ateneo/PNRR THE Tuscany Healthy Ecosystem, ECS00000017, Spoke 6, CUP B63C22000680007	Design and synthesis of novel Antibody Drug Conjugates (ADCs) with antitumor activity (referente scientifico: Elena Pericci)
C.	1	Ateneo/ PNRR THE Tuscany Healthy Ecosystem, ECS00000017, Affilato Spoke 4, CUP B63C22000680007	Synthesis and assembly of responsive amphiphiles for targeted diagnostics and drug delivery (referente scientifico: Jack Li-Yang Chen)

Tpe of rankings	Stand-alone ranking list for each position (A-C)
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 • Research project in English language (max. 3 pages) • Reference letters (no more than two) of Italian and international academics and/or research professionals (letters shall not be uploaded, but e-mail addresses of the contact persons are to be provided) • Thesis abstract of <i>Laurea Magistrale/Specialistica/vecchio ordinamento</i> or equivalent foreign degree translated into Italian, English or French (max. 1 page) • 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 diploma di laurea at an Italian university have to specify, in their curriculum, all the data on the university path and the title of admission, in particular:</p> <ol style="list-style-type: none"> 1. University issuing the title 2. type of <i>laurea – vecchio ordinamento/specialistica/magistrale</i>; 3. degree course name 4. list of examinations with votes 5. date of obtaining the title and final vote or expected date of obtaining the title (by 31 December 2022). <p>Candidates who achieved (or will achieve by 31 December 2022) their degree at a foreign university (with a duration of at least four years) must specify in their curriculum:</p> <ol style="list-style-type: none"> 1. University issuing the title 2. type of degree (min. duration four years) – <i>Bachelor's degree/ Master's degree</i> 3. date of obtaining the title and final vote or expected date of obtaining the title (by 31 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.dbcf.unisi.it/it/didattica/post-laurea/dottorati-di-ricerca/dottorato-di-ricerca-chemical-and-pharmaceutical-scienc-0
Selection modalities	Evaluation of qualifications Oral examination with English language test
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. A minimum of 20 points is required for admission to the oral test in English; the maximum score is 40 points.</p> <p>Oral examination: 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. The English language test 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: 17 November 2022</p> <p>Oral examination and English language test: 18 November 2022 ore 9.00 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.