



PhD programme	Chemical and Pharmaceutical Sciences
Coordinatore	Maurizio Taddei <maurizio.taddei@unisi.it>
Department	Biotechnology, Chemistry and Pharmacy (DBCF)
Open positions	8
of which:	

	n.	Funding institution(s)	Research topic
Positions with scholarship			
A.	1	University of Siena/DBCF	Development of epigenetic modulators for IPF (Prof. G. Campiani)
B.	1	University of Siena /DBCF	Lipid nanoparticles for drug delivery and sensing technology (Prof. A. Magnani)
C.	1	University of Siena /DBCF	Functional and structural characterization of biologically active compounds and protein interactions associated to neurodegenerative diseases (Prof. D. Valensin)
D.	1	DBCF	Antibody-guided design of synthetic PNAG oligosaccharides (Prof. S. Mangani)
E.	1	CNR ICCOM/ University of Siena	Design and synthesis of new photosensitive material for photovoltaic and photocatalytic applications (Dr. G. Reginato)
F.	1	Consorzio CSGI/ University of Siena	Nutraceuticals: chemical characterization and delivery systems (Prof. C. Rossi)
G.	1	Prodotti Gianni/DBCF/ Unicosmesi/University of Siena	Bio-sustainable cosmetics. Raw materials and technologies (Prof. M. Centini)
Positions without scholarships			
H.	1	//	No research topic restriction

Type of ranking:	One single ranking list for all positions
Documents required for evaluation (to be attached during online application)	<ul style="list-style-type: none"> • Curriculum vitae et studiorum (duly signed at the bottom with the following declaration “Hereby I declare that what reported above corresponds to the truth, according to the Decree of the President of the Italian Republic 445/2000”), indicating qualification obtained (or to be obtained by 31 October 2021) with the issuing institution and a list of publications • Research project (max. 3 pages, in English) • 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, if any <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 2021) 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 October 2021). <p>Candidates who achieved (or will achieve by 31 October 2021) their degree at a foreign university (with a duration of at least four years) have to 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 October 2021). <p>Candidates with a foreign degree have to 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	Title evaluation Oral interview English test
Admission requirements	All maters' degrees
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>Evaluation of qualifications. Presence of applicants is not allowed during the evaluation procedure. Minimum score 20, maximum score 40.</p> <p>The oral interview is aimed at assessing the basic knowledge acquired, the ability and aptitude of the candidate for scientific research and the knowledge and skills in subjects related to the themes of the projects.</p> <p>The English test is contextual to the oral test and consists in the immediate reading and translation of a scientific text in English.</p> <p>Minimum score for oral interview and English test is 40, maximum score 60.</p> <p>The results of each test will be published on the PhD web site.</p>
Dates of evaluation and exam(s)	Evaluation of qualifications: 7 September 2021 Interview and English test: 8 September 2021
Selection committee	La composizione della commissione sarà pubblicata dopo la scadenza per la presentazione delle domande.