



## Factsheet n. 2

### Ph.D. Programme in Agrobiosciences

<https://www.santannapisa.it/en/training/phd-agrobiosciences>

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<b>Language</b>	English/Italian	
<b>Duration</b>	3 years	
<b>Academic Objectives</b>	<p>The Programme is aimed at the acquisition of high-level skills, necessary to carry out research activities in one or more of the thematic areas included in the Ph.D. programme and represented by the members of the college in an autonomous, original, and methodologically rigorous manner. PhD students will be able to tackle complex research problems and formulate and test hypotheses with a full knowledge and understanding of the most important research methodologies and techniques.</p> <p>During the course, doctoral students will acquire high-level skills through the in-depth study of one of the research areas included in the course; they will acquire research methodologies and techniques and data analysis useful to their field of study; they will set up and carry out original research, the results of which will be the subject of a thesis that will be discussed orally at the end of the three years.</p> <p>Students will also be trained to develop highly professionalized collateral skills related to scientific writing and communication, including the ability to communicate research results to a diverse range of audiences. In short, the training objective is realized through didactic-scientific training, technical-scientific training, and organizational-managerial training.</p>	
<b>Curricula</b>	<b>Genomics and crop production</b>	Plant biotechnologies; Plant genetics and physiology; Plant genomics; Crop production sciences; Pre and post-harvest advanced technologies in horticulture; Quality of crop production.
	<b>Agriculture, Environment, and Landscape</b>	Agroecology; Organic, integrated or low-input farming; Functional biodiversity in agroecosystems; Landscape agronomy; Multi-criteria analysis of food and non-food cropping systems; Agro-environmental analysis of cropping systems; Multifunctional agriculture; Interaction between farming-territory-landscape.
<b>Available Positions</b>	<b>n. 5 positions with a scholarship</b> funded by Scuola Superiore Sant'Anna;	
<b>Additional documentation to be attached to the online application</b>	<b>Please refer to Article n. 3 of the Call for Applications for all mandatory documents.</b> <b>Additional optional documents:</b> <ul style="list-style-type: none"><li>• Copy of any other qualifications or publications relevant to the Ph.D. programme.</li></ul>	



<b>Evaluation Criteria</b>	<p><b>Assessment of qualifications – maximum score: 70 points.</b> The Selection Committee will assess the <i>Curriculum Vitae et Studiorum</i> and any relevant qualification submitted. The candidate's research plan will be assessed in terms of quality feasibility and relevance to lines of research specified in the "Curricula" section of this information sheet with particular reference to the research lines of the Faculty Board (<a href="https://www.santannapisa.it/en/node/6379">https://www.santannapisa.it/en/node/6379</a>). On completing the assessment, the Committee will express a concise evaluation and award a score out of seventy. Candidates with a score of at least 49/70 will be accepted for interview.</p> <p><b>The presence of the candidates is not required through the assessment of qualifications.</b></p> <p><b>Interview – maximum score: 30 points.</b> During the examination with the members of the Selection Committee, candidates will be asked to present their CVs and research projects using a short PowerPoint presentation in English. Candidates obtaining a score below 21/30 in the interview will be excluded from selection. The interview may be conducted as a video conference (using Cisco WebEx or Teams). In this case, the document of identification provided when registering online must be presented before the examination to confirm the candidate's identity.</p> <p>The minimum score for inclusion in the final ranking list is 70/100.</p>
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