



UNIVERSITÀ  
DEGLI STUDI  
FIRENZE

## DOCTORAL PROGRAMME IN AGRICULTURAL AND ENVIRONMENTAL SCIENCES

Coordinator prof. Giacomo Pietramellara

<b>TECHNOLOGICAL AREA</b>	
<b>ADMINISTRATIVE OFFICE</b>	Department of Agrifood Production and Environmental Sciences
<b>CURRICULA</b>	<b>NO</b>
<b>POSITIONS AVAILABLE: 9</b> Positions with Scholarship: 7 Position without Scholarship: 2* <i>* standard ranking only</i>	
<b>Ranking List for STANDARD POSITIONS scholarships available: 6</b>	University of Florence
<b>Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS scholarship available: 1</b>	Department of Agrifood Production and Environmental Sciences "Agronomic techniques for precision crop management."
<b>RESERVED POSITIONS</b>	<b>NO</b>
<b>STUDY/RESEARCH PERIODS ABROAD</b>	YES - only positions with scholarship
<b>MANDATORY PERIOD REQUIRED</b>	3 months
<b>DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION</b>	<b>MANDATORY DOCUMENTS</b> <ul style="list-style-type: none"><li>• Copy of the Identification Document</li><li>• <a href="#">Replacement Declaration Form</a></li><li>• Curriculum vitae (european format)</li><li>• Research Project</li></ul> <b>OPTIONAL DOCUMENTS</b> <ul style="list-style-type: none"><li>• List of publications</li><li>• Any other scientific qualification documents</li></ul>
<b>REFERENCE LETTERS</b>	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.
<b>RESEARCH PROJECT</b>	Research project has to be prepared in Italian or English in no more than 12000 characters including spacing, and structured in introduction, state of the art, objectives, materials and methods with temporal distribution of the phases, expected results. For XXXIV cycle, several priorities of interest have been selected . The project must relate, and should make specific reference, to one of them listed in the section below: " <b>Thematics</b> ". The research project (both for standard and specific positions)should be attached to the application form and it should be made as the project pattern

	uploaded into the following departmental webpage (section “dottorato di ricerca”): <a href="https://www.dispaa.unifi.it/vp-682-xxxiv-cycle.html">https://www.dispaa.unifi.it/vp-682-xxxiv-cycle.html</a> The research project should be focused on a possible research activity, which the applicant will be going to execute during the three-year doctoral program; regarding the position with a specific research topic, the project must be focused to the topic of the position.																		
<b>MODALITY OF EVALUATION</b>	<ul style="list-style-type: none"> <li>• <b>Evaluation of curriculum vitae, research project, publications and other qualification documents</b></li> <li>• <b>Interview</b> as detailed in the section below “<b>Evaluation Marks</b>”</li> </ul>																		
<b>OTHER LANGUAGE FOR THE EXAMINATIONS</b>	English																		
<b>SKYPE INTERVIEW</b>	<b>YES</b> – possible for foreign resident only																		
<b>FURTHER INFORMATION ON THE EXAMINATIONS</b>	The interview can be equally taken in Italian or in English language; if it is taken in Italian, English skills will be tested during the interview. For the position with a specific research topic, during the interview, the knowledge of the candidate regarding the topic of the position will also be evaluated.																		
<b>EVALUATION MARKS</b>	<table border="1"> <thead> <tr> <th>parameter</th> <th>minimum score</th> <th>maximum score</th> </tr> </thead> <tbody> <tr> <td>curriculum vitae, scientific qualification documents</td> <td>10/120</td> <td>15/120</td> </tr> <tr> <td>Research project</td> <td>30/120</td> <td>40/120</td> </tr> <tr> <td colspan="3"><b>Applicants who obtain a mark of at least 40/120 in the evaluation of the above parameters will be admitted to the interview</b></td> </tr> <tr> <td>Interview: discussion of the research project and qualification documents</td> <td>40/120</td> <td>65/120</td> </tr> <tr> <td colspan="3"><b>Eligibility is achieved with a minimum score of 80/120</b></td> </tr> </tbody> </table>	parameter	minimum score	maximum score	curriculum vitae, scientific qualification documents	10/120	15/120	Research project	30/120	40/120	<b>Applicants who obtain a mark of at least 40/120 in the evaluation of the above parameters will be admitted to the interview</b>			Interview: discussion of the research project and qualification documents	40/120	65/120	<b>Eligibility is achieved with a minimum score of 80/120</b>		
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<b>THEMATICS</b>	<ul style="list-style-type: none"> <li>- Interactions in Tetraselmis suecica/bacteria holobiont</li> <li>- New insights on the diversity of resource-use strategies among coexisting Mediterranean shrubs species and possible utilizations of these plants as biofactories</li> <li>- Implementation of a simplified and low-cost phenotyping platform for crop monitoring</li> <li>- Factors involved in the development of grapevine leaf stripe disease symptoms in view of sustainable control protocols</li> <li>- Genome wide search for signatures of selection in beef cattle breeds</li> <li>- Bioecological and morphological studies of Hippoboscid flies of genus Lipoptena, ectoparasites of wild ungulates, with special reference to L. fortisetosa, a new record for Italy</li> </ul>																		
Further information available at the following web page: <a href="https://www.dispaa.unifi.it/vp-682-xxxiv-cycle.html">https://www.dispaa.unifi.it/vp-682-xxxiv-cycle.html</a>																			

Update of 28<sup>th</sup> June 2018  
**Additional research topics** available at  
<https://www.dispaa.unifi.it/vp-682-xxxiv-cycle.html>

## EXAMINATION SCHEDULE

	DATE	TIME	PLACE
<b>INTERVIEW</b>	13 and 14 September 2018	from 9.30 a.m. until 5.30 p.m.	Scuola di Agraria Piazzale delle Cascine, 28 – Florence Aula F

The list of the candidates admitted to the interview and the final ranking will be published online at the following website page: <https://www.unifi.it/p11361.html>

