



Annex A

PhD Program	Plant And Animal Sciences
Cycle	XXXVII
Duration	3 years: 1 st January 2022 – 31 st December 2024
Coordinator	Prof. Roberta BERNINI
Department	Agriculture and Forest Sciences
Number of positions	No. 1 additional PhD scholarship on the Innovation topic and No. 4 additional PhD scholarships on Green topics
Action IV. 4 Additional PhD scholarship on Innovation topic PON R&I 2014-2020	Topic: <i>Development of a high throughout plant phenotyping system for innovating durum wheat breeding in the Mediterranean</i> Scientific Coordinator: Dott. Francesco Sestili (ssd AGR/07) The doctoral program includes 6 months in the company and 6 months abroad to be carried out within the first 2 years of the course
Action IV.5 Additional PhD scholarships on Green topics PON R&I 2014-2020	Topic: <i>Innovative biostimulants for improving nutrient use efficiency and resistance to abiotic stress in vegetable crops</i> Scientific Coordinator: Prof. Giuseppe Colla (ssd AGR/04) The doctoral program includes 12 months in the company
	Topic: <i>Design and development of sustainable active polymeric and biopolymeric materials for innovative industrial applications</i> Scientific Coordinator: Prof.ssa Roberta Bernini (ssd CHIM/06) The doctoral program includes 12 months in the company
	Topic: <i>Study of sustainable solutions for beekeeping management in Central Italy</i> Scientific Coordinator: Prof. Umberto Bernabucci (ssd AGR/18) The doctoral program includes 6 months in the company
	Topic: <i>Exploring durum wheat genotypes to minimize drought stress impact on grain yield and nutritional quality</i> Scientific Coordinator: Prof.ssa Stefania Astolfi (ssd AGR/13) The doctoral program includes 6 months in the company
Admission requirements	Application to the public competition is open to all, regardless of age and citizenship, who, by the date this call expires, possess one of the qualifications listed below: - an Italian “laurea specialistica” degree, obtained according to the Ministerial Decree n. 509/1999; - an Italian “laurea magistrale” degree, obtained according to the Ministerial Decree n. 270/2004; - an Italian equivalent university degree obtained under the Italian



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	<p>regulations previously in force, the time-span of which being no less than 5 years;</p> <p>- a foreign university degree equivalent to those mentioned above. Admission is also open to university students who will finish their MS degree by October 31, 2021. In such cases admission will be “conditional”. Failure to obtain the degree by that date will result in forfeiture of admission to the doctoral course.</p>
<p>Evaluation of candidates (Maximum score 80/80)</p>	<p>Evaluation of academic qualification and oral examination Assessment of the English Language Knowledge.</p> <p>Language for the examination: Italian or English</p> <p>The evaluation of qualifications is preliminary to the oral exam. The score obtained by candidates after the evaluation of their qualifications will be added to the score of the oral examination. The results will be published on the Tuscia University web site (www.unitus.it) at the section of Didattica>Offerta post lauream>Dottorati di Ricerca</p> <p>Together with the application form, candidates should submit a research project, within the themes of Ph.D., up to a maximum of 5 pages, which must be written in Italian or English. The research project will be discussed during the oral exam. The project must be relevant to the chosen topic and bring a high added value, in terms of scientific, social and economic repercussions.</p> <p>In evaluating the applications and with particular reference to the project proposal submitted by the candidates, the Commission will also take into account the criteria indicated in art. 3, co. 2 of the Ministerial Decree no. 1061 of 08.10.2021.</p>
<p>Evaluation of Academic qualification (Maximum score: 15 out of 80)</p>	<p>On the basis of the University Regulations for Ph.D. programs (Art.10), the following qualifications are evaluated:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Degree thesis accompanied by an abstract in English; <input type="checkbox"/> University career (passed exams and graduation marks); <input type="checkbox"/> Publications; <input type="checkbox"/> Participation in research projects; <input type="checkbox"/> Professional experience and other qualifications held by the candidate in the curriculum vitae et studiorum, including any letters of introduction from university professors; <input type="checkbox"/> Research project proposed. <p>The maximum score is 15/80.</p> <p>Before the interview, the scores assigned to the candidates will be published on the University website address: www.unitus.it >Didattica >Offerta post lauream>Dottorati di Ricerca</p>
<p>Evaluation of the oral exam (Maximum score: 65 out of 80)</p>	<p>The interview is aimed at ascertaining the preparation and aptitudes of candidates for scientific research and includes the assessment of</p>



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	<p>knowledge of the English language. The minimum score is 40/65 and the maximum is 65/80.</p>
Topics of the oral examination	<p>The oral test, aimed at ascertaining the candidate aptitude for scientific research, will focus on the discussion of issues related to the research project. This project, described at most in 5 pages, can be written in Italian or English. The interview includes the assessment of knowledge of the English language by reading and translating some paragraphs of a scientific text. After the interview, the scores will be published on the University website address: www.unitus.it >Didattica >Offerta post lauream >Dottorati di Ricerca.</p>
Oral examination timetable	<p>The timetable for the exams will be published in the section Didattica>Offerta post lauream>Dottorati di Ricerca of the University's website (www.unitus.it) within October 31, 2021.</p>
Contact to information	<p>Prof. Roberta BERNINI E-mail: dottorato.spva@unitus.it; roberta.bernini@unitus.it</p>