



UNIVERSITÀ  
DEGLI STUDI  
DEL MOLISE

DIVISIONE RISORSE E SERVIZI  
AREA SERVIZI AGLI STUDENTI  
COORDINAMENTO SEGRETERIE STUDENTI  
SETTORE DOTTORATI DI RICERCA

### **PhD in Agriculture Technology and Biotechnology**

<b>Coordinator</b>	Prof. Giuseppe Maiorano e-mail: maior@unimol.it	
<b>Short description</b>	<p>The PhD Course is focused on the agricultural-environmental-food system as encoded in Horizon 2020. Its objectives and fields of investigation are sustainable agriculture, safety, quality and legal profiles of the production of the agro-food sector, animal welfare, development and promotion of Green economy. The PhD course consists of three curricula:</p> <p><b><u>(Sustainable plant production and protection)</u></b>  <i>It aims at developing new skills and technologies for a sustainable management and exploitation of the agrarian and forestry ecosystems, preserving biodiversity, reducing the chemical inputs into the agrarian ecosystems (Horizon 2020).</i></p> <p><b><u>(Food Science, Technology and Biotechnology)</u></b>  <i>It aims at forming young researchers who are able to develop innovative technologies and products in the field of food science, technology and biotechnology (transformation, storage and food quality assessment).</i></p> <p><b><u>(Welfare, Biotechnology and Quality of Animal Production)</u></b>  <i>It aims at: developing new skills in the research area of animal production by enabling technology- and biotechnology-based sustainable innovation for the optimization of animal production and welfare; the valorization of products of animal origin, by taking into consideration the economic, regulatory, and safety aspects of foods.</i></p>	
<b>Web site</b>	<a href="http://dipagricoltura.unimol.it/ricerca/dottorati">http://dipagricoltura.unimol.it/ricerca/dottorati</a>	
<b>Course length</b>	01/11/2020 – 31/10/2023	
<b>Positions</b>	Positions with scholarship	6
	Positions without scholarship	2
	Positions with scholarship reserved for applicants from foreign universities	1
	TOTAL	9
	OF WHICH WITH SCHOLARSHIP	7
<b>Admission requirements</b>	<p>- A University degree obtained after 2-year Master courses in:            LMG/01 CLASSE DELLE LAUREE MAGISTRALI IN GIURISPRUDENZA            LM-6 BIOLOGIA            LM-7 BIOTECNOLOGIE AGRARIE            LM-8 BIOTECNOLOGIE INDUSTRIALI            LM-9 BIOTECNOLOGIE MEDICHE, VETERINARIE E FARMACEUTICHE            LM-13 FARMACIA E FARMACIA INDUSTRIALE            LM-22 INGEGNERIA CHIMICA</p>	



	<p>LM-33 INGEGNERIA MECCANICA  LM-35 INGEGNERIA PER L'AMBIENTE E IL TERRITORIO  LM-42 MEDICINA VETERINARIA  LM-54 SCIENZE CHIMICHE  LM-60 SCIENZE DELLA NATURA  LM-61 SCIENZE DELLA NUTRIZIONE UMANA  LM-69 SCIENZE E TECNOLOGIE AGRARIE  LM-70 SCIENZE E TECNOLOGIE ALIMENTARI  LM-71 SCIENZE E TECNOLOGIE DELLA CHIMICA INDUSTRIALE  LM-73 SCIENZE E TECNOLOGIE FORESTALI ED AMBIENTALI  LM-75 SCIENZE E TECNOLOGIE PER L'AMBIENTE E IL TERRITORIO  LM-77 SCIENZE ECONOMICO-AZIENDALI  LM-86 SCIENZE ZOOTECHNICHE E TECNOLOGIE ANIMALI</p> <ul style="list-style-type: none"> <li>- A University degree (old university legislation)</li> <li>- Foreign academic title already declared equipollent by competent Italian authorities or deemed equivalent for the sole purposes of the competition.</li> </ul> <p>Knowledge of English Language</p>
<b>Titles to be submitted for evaluation</b>	<p>Qualifications evaluated up to points 20/80:</p> <ul style="list-style-type: none"> <li>- professional and educational curriculum;</li> <li>- degree mark or weighted average of the marks obtained in the exams of the program of studies of aforementioned degrees;</li> <li>- thesis work;</li> <li>- scientific publications on the themes object of the PhD research activities (max. 3);</li> <li>- other past activities in the university and research fields;</li> <li>- any other qualifications that the candidates may consider useful to attach to the application to demonstrate their training and aptitude to research.</li> </ul> <p>The assessment of the qualifications, curriculum and publications will precede the interview. The Commission will inform the candidates about the outcomes before the interview.</p> <p>The results of the evaluation will be published before the interview on the website:  <a href="https://www.unimol.it/https-www-unimol-it-ricerca/dottorati-di-ricerca-2/avvisi/">https://www.unimol.it/https-www-unimol-it-ricerca/dottorati-di-ricerca-2/avvisi/</a></p>
<b>Criteria for evaluation</b>	<p>Interview: points 60/80</p> <p>Discussion on the titles presented and on the presentation of a project idea related to the themes of the Doctorate course (see <i>curricula</i>).</p> <p>An abstract (maximum one page, 2000 characters) of the project idea in English must be attached to the application.</p> <p>Candidates must demonstrate adequate knowledge of the English language.</p> <p>The interview will be carried out in Italian or English and has the goal of assessing the candidate competence and her/his aptitude to research.</p>
<b>Merit ranking</b>	<p>Candidates who score an interview mark of at least 40/60 points will be included in the overall merit ranking.</p>
<b>Interview calendar</b>	<p>Start date: 16 September 2020 at time 10:00 a.m. (Italian time) with continuation according to the schedule defined by the Commission on the basis of the number of candidates admitted to the interview.</p> <p>Place: Università degli Studi del Molise, Dipartimento Agricoltura Ambiente e Alimenti, Aula F. Silvestri – 2° p., Via F. de Sanctis s.n.c., 86100 Campobasso</p>

