

"Pegaso Scholarships are funded with resources of the PR FSE 2021/27 in the frame of Giovani*si* ([www.giovanisi.it](http://www.giovanisi.it)), the project organized by Regione Toscana to help young people become independent."

# DOCTORAL PROGRAMME IN ADVANCED AND SUSTAINABLE AGRICULTURAL-FORESTRY SYSTEMS - SAFAS -

Director prof. Salvatore Moricca

XLI cycle - academic year 2025/2026

CUP Pegaso Scholarships 2025

B12B25000200008

TECHNOLOGICAL AREA	
ADMINISTRATIVE OFFICE	Department of Agriculture, Food, Environment and Forestry
WEB	<a href="http://www.phd-safas.dagri.unifi.it">www.phd-safas.dagri.unifi.it</a>
PARTNER INSTITUTIONS	University of Pisa University of Siena
CURRICULA	1. Sustainable Management of Agri-Food and Forestry Systems 2. Precision Agriculture and Sustainability of Agri-Food Systems 3. Smart Sustainable Agriculture
<b>POSITIONS AVAILABLE: 8</b> Positions with Scholarship: 8 Positions without Scholarship: <i>not available</i>	
<i>The codes identify the <b>COMPETITION</b> to be selected in the online system for submission of the <b>ONLINE APPLICATION</b>. Before accessing consult the online application guide available at <b>Cycle 41 - Call for Applications</b></i>	
RANKING LIST FOR STANDARD POSITIONS SCHOLARSHIPS AVAILABLE: 7	<b>SAFAS_41_STANDARD</b> 2 - University of Florence 1- University of Pisa 1 - University of Siena 3 - Regione Toscana Pegaso Scholarships 2025
RANKING LISTS FOR POSITIONS WITH SPECIFIC RESEARCH TOPICS SCHOLARSHIPS AVAILABLE: 1	<b>Regione Toscana Pegaso Scholarships 2025*</b> <i>*NOTE: Pegaso scholarships winners may be assigned to one of the affiliated universities</i> <b>SAFAS_41_TEM_01</b> "AI-powered autonomous mowers for precision turfgrass and grass covercrop maintenance (R-AI)

	<p>The R-AI PhD scholarship falls within the scope of smart green management and focuses on the use of advanced technologies for sustainable and precise maintenance of green surfaces. The project integrates artificial intelligence, machine learning, smart sensors, and autonomous robotic mowers to optimize mowing, energy management, and tailored interventions, enhancing turf quality while reducing environmental impact. Automation increases safety and reduces the need for manual labor, addressing the growing demand for sustainability and precision. R-AI aims to revolutionize the management of technical and sports green areas, with applications in precision agriculture, facility management, and environmental protection.</p> <p><i>** For Regione Toscana Pegaso Scholarships 2025 a period of <b>training/research</b> in an enterprise, a public research institution or other public institution (not a university) of at least <b>3 months</b> is <b>mandatorily</b> required.</i></p>
<b>STUDY/RESEARCH PERIODS ABROAD</b>	<ul style="list-style-type: none"> <li>- <b>6 months</b> for Pegaso Scholarships 2025 in standard ranking</li> <li>- <b>3 months</b> for scholarships</li> <li>- <b>3 months</b> for Pegaso scholarship with specific research topics</li> </ul>
<b>DOCUMENTS REQUIRED FOR THE ADMISSION</b>	<ul style="list-style-type: none"> <li>● Copy of the Identification Document</li> <li>● <b>Self-certification</b> for qualifications obtained in Italy (laurea triennale, specialistica o magistrale o ciclo unico) with list of exams taken, credits and related grade, title of the thesis and graduation mark (using this <a href="#">template</a> or similar forms containing the required information)</li> <li>● Qualifications obtained abroad (Bachelor's and Master Degrees or combined cycle Degree) with a list of all exams taken, credits and related grade, rating scale, title of the thesis and graduation mark</li> </ul> <p><i>The same documentation except for the final mark must be submitted by those who will graduate within the 31/10/2025</i></p>
<b>DOCUMENTS REQUIRED FOR THE EVALUATION</b>	<p><b>MANDATORY</b></p> <ul style="list-style-type: none"> <li>● Curriculum vitae (European format)</li> <li>● Research Project</li> </ul> <p><b>OPTIONAL</b></p> <ul style="list-style-type: none"> <li>● List of publications</li> <li>● Any other scientific qualification document</li> </ul>
<b>RESEARCH PROJECT</b>	<p>The research project may be written in Italian or English and must not exceed 12,000 characters including spaces (excluding tables, figures, notes and bibliography). It must focus on the topics on which the research doctorate is based and explicitly indicate which of the three doctoral curricula it refers to (<a href="https://www.phd-safas.dagri.unifi.it/">https://www.phd-safas.dagri.unifi.it/</a>). The project must outline a possible research activity, to be carried out in the three-year period of the doctorate, which has high potential to bring innovative scientific contributions in the chosen topic. It must be structured as follows: title; introduction (scientific question, state of the art and objectives); materials and methods (with temporally articulated phases); expected results; bibliography. If the candidate is admitted to the doctoral course, the doctoral thesis project may deviate from the research project presented by him for admission.</p>

	Candidates applying for multiple rankings must attach a separate project for each.																				
INTERVIEW MODE	<b>Remotely</b> (videocall)  The interview can be taken in Italian or in English language. If in Italian, the English language knowledge is tested during the interview (level B2 at least).																				
EVALUATION MARKS	<table><tr><th>parameter</th><th>minimum score</th><th>maximum score</th></tr><tr><td>Curriculum vitae, publications, other qualification documents</td><td>10/120</td><td>20/120</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 according to the minimum score for each parameter 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>60/120</td></tr><tr><td colspan="3"><b>Eligibility is achieved with a minimum score of 80/120</b></td></tr></table>			parameter	minimum score	maximum score	Curriculum vitae, publications, other qualification documents	10/120	20/120	Research Project	30/120	40/120	<b>Applicants who obtain a mark of at least 40/120 according to the minimum score for each parameter will be admitted to the interview</b>			Interview: discussion of the research project and qualification documents	40/120	60/120	<b>Eligibility is achieved with a minimum score of 80/120</b>		
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FURTHER INFORMATION ABOUT THE EVALUATION PROCESS	The evaluation of curriculum vitae, research project, publications, scientific qualification documents will consider the candidate's preparation and skills in relation to the research topics of the curricula of the PhD programme. Discussion of the research project and of any other academic and scientific titles and publications will aim at evaluating the candidate's interest and motivation towards scientific research in the fields of interest of the PhD curricula.																				

<b>EXAMINATION SCHEDULE</b>		
	<b>DATE</b>	<b>TIME</b>
<b>INTERVIEW</b>	September 25 <sup>th</sup> , 2025	09:30 a.m.
The list of candidates admitted to the interview and the final ranking will be published at the page <b>PhD courses</b>		