



UNIVERSITÀ
DEGLI STUDI
FIRENZE
Da un secolo, oltre.



DOCTORAL PROGRAMME IN EVOLUTIONARY BIOLOGY AND ECOLOGY

Director prof. Duccio Cavalieri

XLI cycle – academic year 2025/2026

SCIENTIFIC AREA	
ADMINISTRATIVE OFFICE	Department of Biology (BIO)
PARTNERS INSTITUTIONS	University of Parma
WEB	www.dottoratobee.unifi.it
CURRICULA	<ol style="list-style-type: none">1. Plant Biology and Biotechnology2. Ecology and Ethology3. Genetics and Evolution
POSITIONS AVAILABLE: 8 Positions with Scholarship: 7 Positions without Scholarship: 1	
RANKING LIST FOR STANDARD POSITIONS SCHOLARSHIPS AVAILABLE: 5	3 - University of Florence 2 - University of Parma
RANKING LIST FOR POSITIONS WITH SPECIFIC RESEARCH TOPICS SCHOLARSHIPS AVAILABLE: 1	Fondazione Edmund Mach – Centro Ricerca e Innovazione Thematic: “Get Cyano: Genomics and pan genomics of toxic cyanobacteria in alpine lake”. The development of toxigenic cyanobacteria is a severe problem for water use and poses a health risk to humans and animals. The PhD project aims to use state-of-the-art genomic, metagenomic and metabolomic approaches to study the taxonomic and functional characteristics of cyanobacteria responsible for cyanobacterial blooms in a basin in the Province of Trento, Lake Serrai, an important naturalistic and recreational site.
RANKING LIST FOR SPECIFIC RESEARCH TOPICS SCHOLARSHIPS POSITION AVAILABLE: 1	The Doctoral programme participates in the “ <i>Manifestazione di interesse per l’acquisizione di proposte di tesi di dottorato di ricerca sul tema del contributo delle donne in ambito scientifico e tecnologico nel corso della storia</i> ”, by

<p><i>(conditioned on the allocation of the grant)</i></p>	<p>Presidenza del Consiglio dei Ministri – Dipartimento per le Pari Opportunità for the funding of the following scholarship.</p> <p>Thematic: “Enrica Calabresi: passionate zoologist, scientist and teacher of the first half of the 20th century”.</p> <p>The research project aims to highlight Enrica Calabresi's human story, scientific rigour and eclecticism of studies, through a re-reading of her biography and scientific works, preserved in the museums and libraries of the University of Florence</p> <p>Please note: the scholarship will be awarded ONLY if the funding is granted.</p>
<p>STUDY/RESEARCH PERIODS ABROAD</p>	<p>3 months 6 months - Fondazione Edmund Mach scholarship</p>
<p>DOCUMENTS REQUIRED FOR THE ADMISSION <i>(under penalty of exclusion)</i></p>	<ul style="list-style-type: none"> • Copy of the Identification Document • Self-certification 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 template or similar forms containing the required information) • 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 <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>
<p>DOCUMENTS REQUIRED FOR THE EVALUATION</p>	<p>MANDATORY</p> <ul style="list-style-type: none"> • Curriculum vitae et studiorum • Abstract of the second cycle master’s degree thesis. Undergraduate applicants may submit the draft of the thesis approved by their supervisor (abstract/draft of the thesis: 10.000 characters including spaces) • Statement of Research interest: a short text – maximum 2 pages – in Italian or English, aimed to explain the candidate's motivations for enrolling in the PhD and to describe the specific research interests and their coherence with the PhD formative objectives • Research Project <p>OPTIONAL</p> <ul style="list-style-type: none"> • Scientific Publications: papers published in national and international journals with peer reviewing, papers presented at conferences or symposia, book chapters, abstracts of papers or posters presented at congress, workshops
<p>RESEARCH PROJECT</p>	<p>The research project shall consist of a maximum of 10.000 characters including spaces, notes and references and shall be written in Italian or in English. It is mandatory that the project focuses on one of the research topics described in the call (www.dottoratobee.unifi.it/upload/sub/Temi_di_Ricerca).</p>

	<p>The project must be structured as follows: introduction of the topic in the international scientific context, significance of the topic, experimental design and methodologies to be used, expected results. The candidate should be aware that the Judging Commission may use web-based tools to assess the originality of the submitted project. The research project does not constitute a constraint on the subsequent choice of the PhD research topic, which will be agreed with the Supervisor and approved by the Academic Board.</p> <p>The candidate may apply for more than one ranking by attaching a separate project for each one and clearly indicating the reference to the chosen scholarship.</p>															
INTERVIEW MODE	<p>In person (In the application form candidates may ask to conduct the interview remotely)</p> <p>The interview can be conducted in Italian or English language.</p>															
FURTHER INFORMATION ABOUT INTERVIEW	<p>The interview will involve the discussion of the research project proposed and of other professional titles and publications presented by the candidate.</p>															
EVALUATION MARKS	<table><tr><th>parameter</th><th>minimum score</th><th>maximum score</th></tr><tr><td>Curriculum vitae, academic career, research project, publications, other scientific qualification documents, research periods abroad, scientific awards</td><td>45/120</td><td>60/120</td></tr><tr><td colspan="3">Applicants who obtain a mark of at least 45/120 in the evaluation of the above parameters will be admitted to the interview</td></tr><tr><td>Interview</td><td>35/120</td><td>60/120</td></tr><tr><td colspan="3">Eligibility is achieved with a minimum score of 80/120</td></tr></table>	parameter	minimum score	maximum score	Curriculum vitae, academic career, research project, publications, other scientific qualification documents, research periods abroad, scientific awards	45/120	60/120	Applicants who obtain a mark of at least 45/120 in the evaluation of the above parameters will be admitted to the interview			Interview	35/120	60/120	Eligibility is achieved with a minimum score of 80/120		
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EXAMINATION SCHEDULE			
	DATE	TIME	PLACE
INTERVIEW	July 11 th 2025	10:00 a.m.	Dipartimento di Biologia Via del Proconsolo 12 Firenze
<p>The list of the candidates admitted to the interview and the final ranking will be published at the page PhD courses</p>			