

EVOLUTIONARY BIOLOGY AND ECOLOGY	
Cycle	XXX
Duration	3 years
Partner Universities	University of Ferrara
Supervisor	Prof. Paolo Menozzi – Department of Biosciences E-mail: paolo.menozzi@unipr.it
Research Topics:	<ul style="list-style-type: none"> • Biology and Plant Biotechnologies • Ecology and Ethology • Genetics and Evolution <p>A detailed list of the research topic and of the items that summarise the knowledge required of candidates can be found on the web page:</p> <p>http://bioscienze.unipr.it/it/didattica/dottorato/biologiaevoluzionisticaecologia</p>
Training objectives	<p>Evolutionary Biology and Ecology are an integrated area of research which in many prominent scientific institutions belong to the same Department. The graduate program in Evolutionary Biology and Ecology focuses on the study of biological diversity and its evolution, of animal behavior, and of the relationships of all living creatures, including humans, among them and with the environment. By integrating information ranging from the molecular level to the levels of the organism, the population and the community, graduate students are encouraged to develop their research in both basic and applied fields of investigation. Innovative methods are given a central role, both in fieldwork and in the laboratory and numerical analyses, the latter based on state-of-the-art biostatistical and simulation methods. Therefore, the holder of a Ph.D. in Evolutionary Biology and Ecology will be a highly qualified expert in the analysis and interpretation of biological processes and in the management of natural resources, who will be able to independently plan and conduct empirical research, to thoroughly exploit public bioinformatic resources, to develop quantitative models and to in-depth analyse biological data.</p>
Academic degree required	Laurea pursuant to the previous university system, laurea specialistica or laurea magistrale, or a foreign academic qualification that has been recognized as equivalent
Positions put out to competition	
With scholarship	7

Without scholarship		1	
TOTAL		8	
Scholarship types	No.	Description (funding entity and research topic, if any)	
	2	Scholarships of the University of Parma	
	4	Funded by the University of Ferrara	
	1	Co-funded by Fondazione Cariparma	
Admission procedures	<p>Assessment of QUALIFICATIONS: up to 90 points a minimum score of 40 points shall be required to be admitted to the Oral Exam ORAL EXAM: up to 30 points</p> <p>Minimum score for ELIGIBILITY: 70/120</p>		
Interview via teleconference for candidates residing abroad	<p>THE ORAL EXAM MAY BE HELD <u>VIA VIDEOCONFERENCE FOR CANDIDATES RESIDING ABROAD.</u> THE INTERVIEW MAY BE HELD ALSO IN ENGLISH. (the relevant request shall be submitted using the form attached to the competitive examination announcement)</p>		
List of QUALIFICATIONS to be submitted and their assessment	Graduation thesis	Abstract of the graduation thesis (mandatory qualification)	Up to 8 points
	Curriculum Vitae et studiorum	Covering the candidate's university career and postgraduate experience, accompanied with a statutory declaration in lieu of the certification of the exams sat and passed, with the relevant marks, as well as the final graduation mark (mandatory qualification)	Up to 45 points
	Research Project	The research project shall consist of a maximum of 3 pages, be written in Italian or in English, focus on an original research topic and it shall be structured as follows: introduction of the problem in the scientific context, significance of the problem, expected results, argumentation. <u>It shall amount to no commitment on the subsequent choice of the doctoral thesis</u>	Up to 15 points
	Reference letters	Up to a maximum of 3 supporting the candidate admission written by teachers of the University from which the candidate graduated or of other Universities, or by experts in the research fields that relevant for the doctorate scope, who work at both State and private research bodies	Up to 15 points
	Other qualifications	Publications, courses, stays abroad, prizes	Up to 7 points

Foreign language	Language the fluency of which shall be assessed during the Oral Exam: ENGLISH
Schedule of the admission exam	DATE ORAL EXAM: 23 September 2014 TIME: 10:00am PLACE: Room 4 – Department of Biosciences Parco Area delle Scienze, 11/A – 43124 PARMA, ITALY
Oral Exam topics	The Oral Exam shall focus on the candidate's reasons to attend the doctorate program, on the description of his/her specific research interests and qualifications, as well as on the discussion of the research project submitted.