UNIVERSITÀ DEGLI STUDI FIRENZE

DOCTORAL PROGRAMME IN MATHEMATICS, COMPUTER SCIENCE, STATISTICS

Coordinator prof. Paolo Salani

SCIENTIFIC AREA	
ADMINISTRATIVE OFFICE	Department of Mathematics and Computer Science "U. Dini"
PARTNERS INSTITUTIONS	University of Perugia Istituto Nazionale di Alta Matematica "F.Severi" (INDAM)
CURRICULA	• Mathematics • Computer Science • Statistics
	POSITIONS AVAILABLE: 15 Positions with Scholarship: 12 Positions without Scholarship: 3* ** standard ranking*
Ranking List for STANDARD POSITIONS - scholarships available: 8	**3 –** University of Florence **3 –** University of Perugia **2 –** Istituto Nazionale di Alta Matematica "F Severi" (INDAM)
Ranking List for POSITIONS WITH SPECIFIC RESEARCH TOPICS - scholarship available: 1	Department of Statistics, Computer Science, Applications "G. Parenti" - **Progetto Ministeriale "Dipartimenti di Eccellenza 2018-2022"** Thematic: "Data Science" The Ph.D. student will be involved in the development of innovative statistical learning methods, and computationally efficient algorithms, for the analysis of high-dimensional data and data with complex structures to support research in substantive fields.
Ranking List for RESERVED POSITIONS - positions with scholarship available: 3	University of Florence These positions are reserved to applicants who have obtained in a foreign University the degree required to be admitted to the Ph.D courses.
STUDY/RESEARCH PERIODS ABROAD	Not required
DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION	**MANDATORY DOCUMENTS** • Copy of the Identification Document • Replacement Declaration Form • Curriculum vitae • Research Project **OPTIONAL DOCUMENTS** • List of publications • Qualification documents
REFERENCE LETTERS	A section is provided in the online application to specify the e-mail addresses of two professors/researchers willing to provide information about candidates training path and activities performed within a scientific field related to the Ph.D. course.

<table>
<tr><td>RESEARCH PROJECT</td><td>The research project, consisting of 5,000 characters maximum, will be discussed and evaluated during the interview, and will contribute to the evaluation of the aptness of the applicant for research.</td></tr>
<tr><td>MODALITY OF EVALUATION</td><td>STANDARD POSITIONS AND SPECIFIC POSITION
Written examination
Interview along with the evaluation of the curriculum, of the research project and of the scientific qualifications documents as detailed in the section below “evaluation marks”
RESERVED POSITIONS
Evaluation of the curriculum, of the research project, and of the scientific qualifications documents as detailed in the section below “evaluation marks”
Interview</td></tr>
<tr><td>OTHER LANGUAGE FOR THE EXAMINATIONS</td><td>English</td></tr>
<tr><td>SKYPE INTERVIEW</td><td>YES – for candidates not resident in Italy who apply for reserved positions only</td></tr>
<tr><td>INFORMATION ABOUT EXAMINATIONS</td><td>The written examination is a comprehensive exam that assesses the knowledge of basic concepts of the involved disciplines. Examples of previous written examinations can be found at :
https://www.dimai.unifi.it/vp-140-ammissione-al-dottorato.html
The interview is aimed to evaluate the basic preparation and the research potential of the candidate and to discuss the research project, curriculum and other possible qualifications. In the case of applicants for the “Data Science” position, the interview will have an additional part regarding the specific topic.</td></tr>
<tr><td>EVALUATION MARKS</td><td>
<table>
<tr><th colspan="3">STANDARD POSITIONS AND SPECIFIC POSITION</th></tr>
<tr><th>parameter</th><th>minimum score</th><th>maximum score</th></tr>
<tr><td>Written examination</td><td>40/60</td><td>60/60</td></tr>
<tr><td>Interview: curriculum vitae, scientific qualification documents, research project</td><td>40/60</td><td>60/60</td></tr>
<tr><td colspan="3">Eligibility is achieved with a minimum score of 80/120</td></tr>
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<table>
<tr><th colspan="3">RESERVED POSITIONS</th></tr>
<tr><th>parameter</th><th>minimum score</th><th>maximum score</th></tr>
<tr><td>Curriculum vitae, scientific qualification documents, research project</td><td>40/60</td><td>60/60</td></tr>
<tr><td>Interview</td><td>40/60</td><td>60/60</td></tr>
<tr><td colspan="3">Eligibility is achieved with a minimum score of 80/120</td></tr>
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<tr><td colspan="2">Further information available at the following web page:
https://www.dimai.unifi.it/vp-26-dottorati.html</td></tr>
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EXAMINATIONS SCHEDULE			
	DATE	**TIME**	**PLACE**
STANDARD POSITIONS AND SPECIFIC POSITION			
WRITTEN EXAMINATION	10 September 2018	12:30 p.m.	Department of Mathematics and Computer Science Viale Morgagni 67/A – Florence
INTERVIEW	12 September 2018	9:00 a.m.	
RESERVED POSITIONS			
INTERVIEW	13 September 2018	9:00 a.m. (italian time)	Department of Mathematics and Computer Science Viale Morgagni 67/A – Florence (or by Skype)

The list of candidates admitted to the written examination will be published online at the following web page: https://www.unifi.it/p11361.html

The list of candidates admitted to the oral test will be published online at the following web page: https://www.dimai.unifi.it/vp-26-dottorati.html

The final ranking will be published online at the following web page: https://www.unifi.it/p11361.html