UNIVERSITÀ DEGLI STUDI DI TRIESTE

Area dei Servizi Istituzionali
Unità di staff Dottorati di ricerca

ATTACHMENT 2   LAST REVISED 22/07/2021

DOCTORAL PROGRAMME in
APPLIED DATA SCIENCE AND ARTIFICIAL INTELLIGENCE
ADMISSION INFORMATION

See Overview

Disclaimer: the tables below provide a quick outline of due dates and required documents. Please refer to the Notice of Competition for full information on conditions for applying.

REQUIREMENT	DEADLINE
online application and upload of documents	**7 June 2021** **1:00 p.m. (Italian time)**
payment of the admission exam fee	**7 June 2021**
deadline for graduation	**31 October 2021**
upload of foreign diploma or certificate	**7 June 2021** (if available after 7 June, please send it by email to dottorati@amm.units.it within 10 days of graduation – see art. 3 of the Call)

Documents to be uploaded NOTE: applications sent without the mandatory attachments will not be processed	Mandatory -- Optional
1. **proof of identity** (eg passport)	**mandatory**
2. **curriculum vitae et studiorum**, focusing on experience prior to the PhD and on degree thesis activity (description of techniques acquired, personal contribution, etc)	**mandatory**

3. **university qualifications:**
  a. for graduates and near-graduates **in Italy**:
    I) self-certification of all examinations and relevant scores of second-cycle degree programme, i.e. *Laurea magistrale* (LM), *Laurea specialistica (LS)* or *Laurea vecchio ordinamento (LVO)*
	mandatory

II) self-certification of LM, LS or LVO final mark (only for graduates). Self-certification can be drafted using the form available online, or using the online services of the concerned University. b. for graduates and near-graduates from **abroad**: **I)** Transcript of Records including examinations and scores obtained. Where applicable, a *Diploma Supplement* can be submitted instead of the Transcript. **II)** Master diploma/certificate or equivalent qualification giving access to the Doctoral Programme (only for graduates). The foreign qualification must be comparable by level and course duration (and, where applicable, by subject area) with the required Italian degree and allow access to the PhD in the issuing country; **III)** Translation into Italian or English of the above documents, if issued in a different language.	
4. thesis abstract It must be submitted by both graduates and near-graduates, in English or Italian. We recommend to use the "Thesis Abstract form", as failure to do so may lead to exclusion.	**mandatory**
5. two **letters of reference** from lecturers / researchers **NOTE:** the letters must be sent directly by the referees by email (do <u>not</u> upload them) to (dottorato.adsai@units.it) (please write in the subject: Letter concerning "Surname Name") **before 7 June 2021 1:00 pm** (Italian time)	optional

Applicants who hold a foreign degree and have never enrolled at this or other University in Italy must also upload their Secondary School certificate.

PLACES AND SCHOLARSHIPS AVAILABLE			
Total number of non-funded places (code: SB)		**0**	
Total number of funded places		~~6~~ **7**	**Note:** - Candidates who accept a subject-specific scholarship are committed to the project topic. - Study/research abroad that entitles to a scholarship increase: **0 to 18 months** for each PhD student (over 3 years) The increase can be granted only for uninterrupted periods of no less than 60 days
Scholarships (code, total number and description)	D/1	1	Scholarships financed by the Department of Mathematics and Geosciences (DMG) with funds from the Project "Dipartimenti di Eccellenza 2018-2022" The topic must be consistent with the PhD sectors/research lines CUP J96C18000150001 Note: research will be conducted at DMG and supervisors will be from the same Department. Note: number of months abroad for the purpose of scholarship increase: max 12
	D/2	1	Scholarship financed by the Department of Mathematics and Geosciences (DMG) with funds from the company Plus s.r.l. Project title: "Data science and artificial intelligence at the service of epidemic prevention and mitigation"." Principal investigators: Federico Urban - Società Plus s.r.l. federico.urban@plusolutions.it
	M/3-5	3	Scholarships MUR/University The topic must be consistent with the PhD sectors/research lines

	D/6	1	Scholarship financed by the Department of Mathematics and Geosciences (DMG) with funds from the company Assicurazioni Generali S.p.A.
			Project title: "Innovative approaches in Cyber Security".
			Principal investigators: Andrea De Lorenzo (UniTS) and Andrea Agosti (Ass. Generali)
			Note: no scholarship increase is granted for research abroad.
	D/7	1	Research grant financed by the Dept. of Mathematics and Geosciences (DMG) and by the Dept. of Engineering and Architecture (DIA) with funds of proff. Bortolussi and Castelli.
			Project title: "Reinforcement Learning for Optimization of Cyber-Physical Systems".
			Principal investigators: proff. Luca Bortolussi (DMG) and Lorenzo Castelli (DIA).
			Note: no scholarship increase is granted for research abroad.
RESERVED PLACES			
--	RE/1	**1**	Highly-qualified staff employed in public institutes or research centres (while remaining on salary from the employer)
			This position is reserved for employees of Area Scienze Park - Padriciano, 99 - 34149 Trieste (TS - Italy)
	RE/2	**1**	Highly-qualified staff employed in companies (industrial PhD) while remaining on salary from the employer
			This position is reserved for employees of eXact Lab s.r.l. - via Beirut, 2 - 34151 Trieste (TS - Italy) (TS)
			Project "Application of Machine Learning/Deep Learning methodologies to industrial problems"
	RE/3	**1**	Highly-qualified staff employed in companies (industrial PhD) while remaining on salary from the employer
			This position is reserved for employees of Arctur d.o.o., based in Nova Gorica (Slovenia)
			Topic: applications of data science and artificial intelligence methodologies to industrial problems.
			Principal investigator: Stefano Cozzini

TERMS AND CONDITIONS	
Required academic qualifications (see art. 2 of the Notice of Competition)	
"Lauree vecchio ordinamento" (awarded in Italy before the D.M. 509/99 reform of the University system)	All
"Lauree specialistiche" (LS) awarded in Italy	All
"Lauree magistrali" (LM) awarded in Italy	All
Selection criteria	**Qualifications** + **interview** Maximum final score: **100** – minimum final score required for eligibility **60**
Evaluation	Qualifications (maximum final score **40** – minimum final score required **20**): • curriculum vitae et studiorum — maximum score **10** • exams taken and degree thesis — maximum score **27** • presentation letters — maximum score **3** **Interview**: maximum score **60** – minimum score required 4**0**
Note: The Board of Examiners may decide to adopt evaluation subcriteria. The admission results will be published online. The admission process includes the following steps: Assessment of foreign degrees **>>** Assessment of other qualifications **>>** Interview. The merit list will be published following the Doctoral Board decision on the assignment of places and scholarships.	

Examination schedule	Assessment of qualification	from 21 June 2021
	Interview	**15 July 20210 at 10:00 a.m.** (Italian time), University of Trieste – Department of Mathematics and Geosciences (DMG) – Aula seminari Via Valerio 12/1 - TRIESTE The Board of Examiners may decide to interview candidates on subsequent dates.
	Language(s) of the interview	English
	Language(s) tested in the interview	English (level of knowledge required: CEFR B2)
	Videoconference interview	Upon request of the candidates, the interview may be carried out by videoconference. The form is available on "Videoconference interview" and must be uploaded within the application deadline. Candidates wishing to take the interview remotely and failing to upload the appropriate form for videoconferencing within the application deadline, can send their request by email to (dottorato.adsai@units.it) up to 4 working days before the date of the interview, stating the reason for their late request. The Board of Examiners may arrange with the candidate a different time for the interview. **(*)** Candidates must use this link

SUPPLEMENTARY INFORMATION (following publication of the Notice of Competition)	
28/05/2021	One additional scholarship (D/6). The total number of scholarships has increased from 5 to 6. One additional place (RE/3) reserved for highly qualified staff of Arctur d.o.o., based in Nova Gorica (SLO).
07/07/2021	**(*)** Details on interview updated
22/07/2021	One additional funded place (D/7). Total number of funded places: 7