UNIVERSITÀ
DEGLI STUDI DI TRIESTE

Area dei Servizi Istituzionali
Settore Servizi agli studenti e alla didattica
Ufficio Dottorati di ricerca

ATTACHMENT 7 LAST REVISED 05/07/2020

DOCTORAL PROGRAMME in NANOTECHNOLOGY 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	**17 June 2020 1:00 p.m. (Italian time)**
payment of the admission exam fee	**17 June 2020**
for Italian degrees: deadline for graduation	**31 October 2020**
for foreign degrees:deadline for graduation	**12 October 2020**
upload of foreign diploma or certificate	**17 June 2020** (if available after 17 June, please send it by email to dottorati@amm.units.it within 15 October)

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**	**mandatory**
3. **university qualifications (Master level):** 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)* **II)** self-certification of LM, LS or LVO final mark (only for graduates). Self-certifications 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.	**mandatory**

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. university qualifications (Bachelor level): Note: please upload these items through the section called "Management of qualifications and documents for the evaluation". a. for graduates **in Italy**: self-certification of examinations and relevant scores of first-cycle degree, where applicable; Self-certification can be drafted using the form available online, or using the online services of the issuing University,. **b.** for graduates **from abroad**: Transcript of Records of Bachelor degree or equivalent first-cycle qualification (if applicable) including examinations and scores obtained. A ***Diploma Supplement*** can be submitted instead of the Transcript. **Please note** that if the certificates are issued in a language other than English or Italian, a **translation** must be included, along with the original document.	optional
5. 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**
6. statement of purpose	**mandatory**
7. max two letters of reference / recommendation from lecturers/researchers to be sent directly by the referees by email (do not upload them) to dottorato.nanotecnologie@units.it (please write in the subject: Letter concerning "Surname Name") **before 17 June 2020.**	optional **(*)** *exception: submission via email*
8. publications and conference presentations	optional
9. research project: Candidates must submit a project, preferably in English, in a topic of their choice based on their specific competencies which does not necessarily have to be consistent with the topic or project that will eventually be developed throughout their doctoral research. The project is required only for the purpose of assessment and will be evaluated based on originality and competence criteria. Suggestions for research projects can be found on the PhD Programme webpage: https://web.units.it/dottorato/nanotecnologie/en We recommend to use the "Research Project form" available online for the project drafting, as failure to do so may lead to exclusion.	**mandatory**

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	**13**	**Note:** - Candidates who accept a subject-specific scholarship are committed to the project topic. - Study/research abroad that entitles to a scholarship increase: **2 to 18 months** for each PhD student (over 3 years)

Scholarships (code, total number and description)	M/1-2	2	Scholarships MUR/University The topic must be consistent with the PhD sectors/research lines Research on a project proposed for the 36th PhD cycle and published on the website Project link: https://web.units.it/dottorato/nanotecnologie/en/node/5132
	MD/3	1	Scholarship MUR/University co-financed by the Department of Physics with funds from CNR-IOM Project title: "Functionalized 2D platforms investigated by scanning tunneling microscopy and photoemission spectroscopy" Principal investigator: Dr Cristina Africh - africh@iom.cnr.it Project link: https://web.units.it/dottorato/nanotecnologie/en/node/5132 Note: number of months abroad for the purpose of scholarship increase: max 3
	MD/4	1	Scholarship MUR/University co-financed by the Department of Physics with funds from CNR-IOM Project title: "Biomedical application of digital holography" Principal investigator: Dr Dan Cojoc - cojoc@iom.cnr.it Project link: https://web.units.it/dottorato/nanotecnologie/en/node/5132 Note: number of months abroad for the purpose of scholarship increase: max 3
	MD/5	1	Scholarship MUR/University co-financed by the Department of Physics with funds from CNR-IOM and ENI S.p.A. Project title: "Fabrication and study of nanostructured materials resistant to the interaction with the thermonuclear plasma" Principal investigator: Dr Stefano Fabris - fabris@iom.cnr.it Project link: https://web.units.it/dottorato/nanotecnologie/en/node/5132 Note: number of months abroad for the purpose of scholarship increase: max 3
	D/6	1	Scholarship financed by the Department of Physics with funds from CNR-IOM and NFFA-MIUR Project title: "Electronic and magnetic properties of 2D quantum materials studied by X-Ray magnetic circular dichroism" Principal investigator: Dr Piero Torelli - torelli@iom.cnr.it Project link: https://web.units.it/dottorato/nanotecnologie/en/node/5132 Note: number of months abroad for the purpose of scholarship increase: max 3
	MD/7	1	Scholarship MUR/University co-financed by the Department of Physics with funds from CERIC-ERIC (Central European Research Infrastructure Consortium), Council Regulation no. 723/2009. Project title: "Mechanisms of extracellular vesicles (EVS) internalization by cells" Principal investigator: Dr Loredana Casalis - loredana.casalis@elettra.eu Link al progetto: https://web.units.it/dottorato/nanotecnologie/en/node/5132 Note: number of months abroad for the purpose of scholarship increase: max 6
	MD/8	1	Scholarship MUR/University co-financed by the Department of Physics with funds from CERIC-ERIC (Central European Research Infrastructure Consortium), Council Regulation no. 723/2009. Project title: "Analysis of the changes induced by asbestos fibers on the structure of absorbed proteins and lung tissue architecture" Principal investigator: Dr Lisa Vaccari - lisa.vaccari@elettra.eu

		Project link: https://web.units.it/dottorato/nanotecnologie/en/node/5132 Note: number of months abroad for the purpose of scholarship increase: max 6
MD/9	1	Scholarship MUR/University co-financed by the Department of Physics with funds from CERIC-ERIC (Central European Research Infrastructure Consortium), Council Regulation no. 723/2009. Project title: “Imaging and characterization of tissue fibrosis” Principal investigator: Dr Giuliana Tromba - giuliana.tromba@elettra.eu Project link: https://web.units.it/dottorato/nanotecnologie/en/node/5132 Note: number of months abroad for the purpose of scholarship increase: max 6
D/10	1	Scholarship financed by the Department of Physics with funds from CERIC-ERIC (Central European Research Infrastructure Consortium), Council Regulation no. 723/2009. Project title: “Effects of particulate and endocrine-disrupting metals on fertility” Principal investigator: Dr Alessandra Gianoncelli - alessandra.gianoncelli@elettra.eu Project link: https://web.units.it/dottorato/nanotecnologie/en/node/5132 Note: number of months abroad for the purpose of scholarship increase: max 3
MD/11	1	Scholarship MUR/University co-financed by Department of Physics with funds from MUR PRIN 2017 FERMAT, Project no. PE3 2017KFY7XF, prof. Morgante. CUP J98D17000020001 Project title: “Charge dynamics in complex 2D etherostructures” Principal investigator: Prof. Alberto Morgante - morgante@iom.cnr.it Project link: https://web.units.it/dottorato/nanotecnologie/en/node/5132 Note: number of months abroad for the purpose of scholarship increase: max 6
MD/12	1	Scholarship MUR/University co-financed by the Department of Chemical and Pharmaceutical Sciences with funds from PRIN, Project no. 2017PBXPN4-PRIN PRATO 2017 CUP J98D19000340001 Project title: “Nanocatalysts for sustainable processes” Principal investigator: Prof. Tiziano Montini - tmontini@units.it Project link: https://web.units.it/dottorato/nanotecnologie/en/node/5132 Note: number of months abroad for the purpose of scholarship increase: max 6

	INPS/13	1	Scholarship granted by the Italian National Social Security Institute (INPS), following written Agreement between the University and INPS. The scholarship is offered to candidates whose parents are or were (if deceased) employed or retired workers in the public sector, registered with the fund known as "Gestione Unitaria delle prestazioni creditizie e sociali", or "Gestione Dipendenti Pubblici". Upon applying, candidates need to submit online a self-certification stating that they meet the above condition. Research must focus on sustainable development, namely on the project: "Research applications of nanotechnologies, nanomaterials and nanostructured materials in the energy sector" (https://web.units.it/dottorato/nanotecnologie/en/node/5132) The candidate will spend 3 months at Max Plank Institut, Potsdam-Golm Science Park, Germany, 1 month at Infragas srl, and 6 months at ICCOM-CNR. Principal investigator: prof. Paolo Fornasiero The shortlists of successful candidates are approved by INPS, based on the University assessment, and posted on the INPS website under the dedicated section. For more information, read the INPS Notice.
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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: **70** – minimum final score required for eligibility **45**
Evaluation	Qualifications (maximum final score **20** – minimun final score required **10**): • curriculum vitae et studiorum • exams taken — max **12** • thesis abstract — max **2** • motivation letter • letters of reference / recommendation — max **4** • publications/conference presentations — max **2** **Interview**: maximum score **50** – minimum score required **35**

Note: The Examination Panel 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 after approval by the Rector.

Examination schedule	*Assessment of qualifications*	**from 24 June 2020**
	Interview	**8 July 2020** ~~**at 9:30 a.m. (Italian time)**, University of Trieste – Department of Chemical and Pharmaceutical Sciences, Building C11 – 1st floor – "Sala del Consiglio" - Via L. Giorgieri 1- TRIESTE~~ University of Trieste – Department of Chemical and Pharmaceutical Sciences, Building C11 – 2 nd floor – "Aula LIM" - Via L. Giorgieri 1- TRIESTE The Examination Panel may decide to interview candidates on subsequent dates

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		Due to the current COVID-19 outbreak, the Examination Panel has decided that the interview will be administered **only remotely, i.e. by videoconferencing** (see art. 6.2 of the Notice of Competition), according to the calendar included in this link. All candidates must email the required "videoconferencing interview form" (see the relevant Admission attachment for details) **within 4 July 2020** to: **dottorato.nanotecnologie@units.it** At the interview, candidates must show a current and valid identity document (eg passport).
	Language(s) of the interview	Italian English English (for non-Italian speaking candidates)
	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 deadline, can send their request by email to dottorato.nanotecnologie@units.it up to 4 working days before the date of the interview, stating the reason for their late request.~~ ~~The Examination Panel will meet on 8 July 2020.~~ ~~The Panel may arrange with the candidate a different time for the interview.~~

SUPPLEMENTARY INFORMATION (following publication of the Notice of Competition)	
30/06/2020	Interview by videoconference only
5/7/2020	The Examination Panel will meet in University of Trieste – Department of Chemical and Pharmaceutical Sciences, Building C11 – 2 nd floor – "Aula LIM" - Via L. Giorgieri 1- TRIESTE