



UNIVERSITÀ DEGLI STUDI DI TRIESTE

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

ATTACHMENT 7

LAST REVISED 26/09/2017

PhD IN NANOTECHNOLOGY ADMISSION INFORMATION

Overview [click here](#)

Website: <http://www.nanotech.units.it/default.aspx>

Email: dottorato.nanotecnologie@units.it

DISCLAIMER: this is only an overview including the main deadlines and a checklist of items to be submitted. Exhaustive information on how to apply for admission is published in the Admission Announcement posted on the web page <http://www2.units.it/dott/en/> >> Admission Announcement.

REQUIREMENT	DEADLINE
online application and upload of documents	19 June 2017 1:00 p.m. (Italian time)
payment of the admission exam fee	19 June 2017
for Italian degrees: deadline for graduation	31 October 2017
for foreign degrees: the deadline for graduation is set at an earlier date to enable the Examining Board to assess the degree equivalence	30 September 2017
submission of foreign degree diploma/certificate (if available by 19 th June, please upload it; beyond that date, please email to dottorati@amm.units.it)	10 days after graduation (and in any event not later than 10th October 2017)

Documents to be uploaded (*) <i>exception: submission via email (see point 5)</i>	Mandatory / Optional
1. proof of identity	mandatory
2. curriculum vitae et studiorum , focusing experience prior to the PhD and degree thesis activities	mandatory

<p>3. university qualifications:</p> <p>a for graduates or near-graduates in Italy: self-certification of the exams and scores of both first and second level degrees or single-cycle degree Self-certification can be drafted using the appropriate form available on http://www2.units.it/dott/en/?file=DottBandi.inc >> application forms, or – where applicable – using the University’s online services.</p> <p>b for graduates from abroad: scan of the original - if available – Bachelor and Master diploma (or comparable qualification) and “Diploma Supplement” (DS) thereof. If the university does not issue the DS, the applicant needs to submit, for each qualification, a Transcript of Records certifying the date of graduation, the exact name of the awarded qualification in the original language, exams and scores;</p> <p>c. for near-graduates from abroad: scan of the original Bachelor diploma (or comparable qualification) and, both for Bachelor and Master, a Transcript of Records certifying the exams and scores. Certificates must give evidence of the exact name of the qualification (awarded or to be awarded) in the original language.</p> <p>Please note that if all documents as described in points b. and c., are issued in a language other than English or Italian, a translation must be included, along with the original document (see par. 4.2 of the Admission Announcement).</p>	mandatory
<p>4. for graduates and near-graduates: abstract of the degree thesis (i.e. Master degree or comparable qualification) to be drawn up according to the template available on http://www2.units.it/dott/en/?file=DottBandi.inc >> Application forms</p>	mandatory
<p>5. two letters of reference / recommendation from lecturers / researchers to be sent directly by the referees to the email account dottorato.nanotecnologie@units.it (subject: “Letter concerning Surname Name) before 19 June 2016 12:00 pm (midnight) Italian time</p>	optional (*)
<p>6. research project: (preferably in English) All candidates must submit a project in one of the research lines of the Doctoral Course (http://www.nanotech.units.it/Lists/Chi%20Siamo/AllItems.aspx) using the form available on http://www2.units.it/dott/en/?file=DottBandi.inc >> Application Forms.</p> <p>a. Candidates who apply for scholarships co-funded by the European Social Fund shall tick one of the two relevant boxes and submit a research project consistent with the relevant ESF strategy and with the PhD sectors/research lines (cf also http://www.nanotech.units.it/Lists/Chi%20Siamo/AllItems.aspx). Successful candidates shall carry out the research project in compliance with the ESF duties and requirements specified in the Admission Announcement.</p> <p>b. Candidates who apply for other scholarships/places shall submit a research project consistent with the PhD sectors/research lines (cf also http://www.nanotech.units.it/Lists/Chi%20Siamo/AllItems.aspx), which will only be evaluated for admission to the PhD course. Successful candidates shall carry out their individual research on a topic agreed with the supervisor and approved by the PhD Board.</p>	mandatory

PLACES, SCHOLARSHIPS, RESEARCH GRANTS AVAILABLE			
Total number of places available (excluding reserved places - see codes below: R/2 - R/3 - R/4)		14	
without scholarship – cod [SB(A4)]		1	Project title “Growth of ordered NW arrays containing magnetic inserts” Principal investigator: Dr. Silvia Rubini – rubini@iom.cnr.it Project link: https://www.iom.cnr.it/phd-grants-and-thesis
with scholarship (A1)		13	Note: - Candidates who accept an earmarked scholarship are committed to the pre-assigned topic. - Attendance abroad that entitles to a scholarship increase - min. max. of months for each PhD student (over 3 years) are 0 - 18
Scholarships/Research grants available with indication of their code, total number and funding body	M/1	1	Scholarship MIUR/University The topic must be consistent with the PhD sectors/research lines Project link: http://www.nanotech.units.it/default.aspx
	MD/2	1	Scholarship MIUR/University co-financed by the Department of Chemical and Pharmaceutical Sciences funded by IRCCS CRO Aviano Project title: “BIOLOGICAL NANODRUGS” Principal investigator: Dr. Giuseppe Toffoli – gtoffoli@cro.it Note: number of months abroad for the purpose of scholarship increase: 3

MD/3

NOT ASSIGNED SCHOLARSHIP

(see update below, as of 19 September 2017)

- 1 Scholarship MIUR/University co-financed by the Department of Chemical and Pharmaceutical Sciences funded by IRCCS CRO Aviano
Project title: "POINT OF CARE BIOSENSORS"
Note: number of months abroad for the purpose of scholarship increase: 3
Principal investigator: Dr. Giuseppe Toffoli – gtoffoli@cro.it
Project link: <http://www.programmi5permille.airc.it/programmi-speciali/nanotecnologie-per-diagnosi-precoc/>

MD/4

- 1 Scholarship MIUR/University co-financed by the Department of Chemical and Pharmaceutical Sciences funded by SIR 2014 Dr Marchesan HOT-SPOT-RBSI14A7PL – CUP J92115000330008
Project title: "Synthesis and applications of organic nanostructures"
Note: number of months abroad for the purpose of scholarship increase: 3
Principal investigator: Dr Silvia Marchesan – smarchesan@units.it

MD/5

- 1 Scholarship MIUR/University co-financed by the Department of Life Sciences funded by RICERCA prof. Macor
Project title: "Development of targeted polymeric nanoparticles blocking neoangiogenesis"
Note: number of months abroad for the purpose of scholarship increase: 6
Principal investigator: Dr Paolo Macor – pmacor@units.it

MD/6

- 1 Scholarship MIUR/University co-financed by the Department of Physics funded by IOM-CNR
Project title: "Bacterial recognition by digital olography microscopy"
Note: number of months abroad for the purpose of scholarship increase: 6
Principal investigator: Dr Dan Cojoc – cojoc@iom.cnr.it

MD/7

- 1 Scholarship MIUR/University co-financed by the Department of Physics funded by ELETTRA – SINCROTRONE S.C.p.A.
Project title: "Development of *band gap* engineered avalanche photodiodes based on III-V semiconductors"
Note: number of months abroad for the purpose of scholarship increase: 0
The funder will cover directly the travel expenses abroad related to PhD activities
Principal investigator: Dr. Giuseppe Cautero – giuseppe.cautero@elettra.eu

MD/8

- 1 Scholarship MIUR/University co-financed by the Department of Physics funded by IRCCS Burlo Garofolo di Trieste
Project title: "Development of a micro-fluidic oocyte sorter based on oocyte mechanical properties, for the improvement of the vitro fertilization process"
The funder will cover directly the travel expenses abroad related to PhD activities
Principal investigator: Dr. Marco Lazzarino – lazzarino@iom.cnr.it

MD/9

- 1 Scholarship MIUR/University co-financed by the Department of Engineering and Architecture funded by REGIONE FVG – POR FESR CUP J96G17000100005 and fondi RICERCA prof. LUGHI
Project title: "*Cradle to cradle* nanostructured composites for thermal insulation"
Principal investigator: Prof. Vanni Lughì – vlughi@units.it
Note: number of months abroad for the purpose of scholarship increase: 3

MD/10

- 1 Scholarship MIUR/University co-financed by the Department Medicine, Surgery and Health Sciences funded by Dr. Bonin
Project title "Comprehensive characterization and effective combinatorial targeting of high-grade serous ovarian cancer via single-cell analysis"
Note: number of months abroad for the purpose of scholarship increase: 6
Principal investigators: Dr Serena Bonin – sbonin@units.it
Project link: <http://www.project-hercules.eu/>

	D/11	1	Scholarship financed by the Department of Engineering and Architecture funded by KAUST University, Kingdom of Saudi Arabia, Competitive Research Grants Office Project title: "Computational and experimental approaches to DNA/protein structures and interactions" Principal investigator: Prof. Sabrina Prici – sabrina.prici@dia.units.it
	D/12	1	Scholarship financed by the Department of Physics funded by Consorzio per l'Area di Ricerca Scientifica e Tecnologica di Trieste and ELETTRA – SINCROTRONE S.C.p.A. Project title: "Biophysical and biochemical characterization of extracellular vesicles for diagnostic and therapeutic applications" Note: number of months abroad for the purpose of scholarship increase: 6 Principal investigator: Dr. Pietro Parisse – pietro.parisse@elettra.eu Project link: https://www.elettra.eu/Prj/EXOTHERA/index.php
	D/13		NOT ASSIGNED SCHOLARSHIP (see update below, as of 19 September 2017)
		1	Scholarship financed by the Department of Physics funded by Consorzio per l'Area di Ricerca Scientifica e Tecnologica di Trieste and IOM-CNR Project title: "Nanoelectromechanical systems for bacterial detection" Note: number of months abroad for the purpose of scholarship increase: 6 Principal investigator: Dr. Marco Lazzarino – lazzarino@iom.cnr.it
	MD/14	1	Scholarship MIUR/University co-financed by the Department of Physics funded by Consorzio dell'Area di Ricerca Scientifica e Tecnologica di Trieste (see update of 19 september 2017 below). The topic must be consistent with the PhD sectors/research lines. The research will be carried out at Elettra or IOM-CNR Note: number of months abroad for the purpose of scholarship increase: 12 Project link: http://www.nanotech.units.it/default.aspx
<i>Places with scholarships/research grants, reserved for graduates from foreign universities [R/1] with indication of their code, total number and funding body</i>		R(B)/1	0 --
<i>Places without scholarship, reserved for graduates from foreign universities [R/1]</i>		R(F)/1	0
<i>Reserved places without scholarship</i>	<i>Recipients of scholarships granted by foreign countries</i>	R(C)/2	1
	<i>Recipients of scholarships granted under international mobility programmes</i>	R(D)/3	0
	<i>Scholars selected under international agreements or programmes where UniTS is involved as coordinating or partner institution</i>	R/4	0
<i>PhD students from foreign universities admitted under joint supervision of thesis</i>			yes

TERMS AND CONDITIONS

Academic qualification required: see Announcement (art. 2 - Requirements)

"Lauree vecchio ordinamento" awarded in Italy	All
"Lauree specialistiche" awarded in Italy	All
"Lauree magistrali" awarded in Italy	All
Selection criteria	Qualifications + oral examination/interview Maximum final score: 100 – minimum final score required for eligibility 70
Evaluation	Qualifications (maximum final score 70 – minimum final score required 50): <ul style="list-style-type: none"> • curriculum vitae et studiorum max 25 • exams max 12 • thesis / abstract max 8 • two letters of reference / recommendation max 5 • research project max 20 Oral examination/interview: maximum score 30 – minimum score required 20
<p>Note: The Examining Board may decide to adopt evaluation subcriteria</p> <p>The admission results will be published on http://www2.units.it/dottorati/ >> Admission to PhD Programme. The admission process includes the following steps: Assessment of foreign degrees >> Assessment of other qualifications >> Oral examination/interview. The merit list will be published after approval of the exam minutes by the Rector.</p>	
Examination schedule	Oral examination/interview 11 July 2016 at 09:00 a.m. (Italian time) , University of Trieste – Department of Chemical and Pharmaceutical Sciences, Building C11 – 1 st floor – “Sala del Consiglio” The Examining Board may decide to interview candidates on subsequent dates
	Language(s) of the interview Italian or English Only English for non-Italian candidates
	Language(s) tested in the oral examination/interview English (level of knowledge required: CEFR B2)
	Videoconference interview Upon request of the candidates, the interview may be carried out by videoconference via Skype. The Videoconference interview form is available on http://www2.units.it/dott/files/VideoconfInterview.pdf Any candidates, who had not requested a video conference interview at the time of the application, can submit the request for video conferencing by sending an email to dottorato.nanotecnologie@units.it up to four working days before the date of the interview, stating the grounds for their request. The Examining Board will gather on 11 July at 9:00 a.m. (Italian time) , University of Trieste – Department of Chemical and Pharmaceutical Sciences, Building C11 – 1 st floor – “Sala del Consiglio”. Candidates will need to indicate on the form their skype account and phone number.

SUPPLEMENTARY INFORMATION SUBSEQUENT TO THE PUBLICATION OF THE ADMISSION ANNOUNCEMENT	
22 May 2017	<ul style="list-style-type: none"> - two letters of reference / recommendation from lecturers / researchers: Optional (not mandatory) - the email of the two letters of reference / recommendation must be sent by the referees before 19 June 2017 12:00 pm (midnight) Italian time, not before 1p.m. (Italian time)
5 June 2017	1 place without scholarship – cod [SB(A4)]
13 July 2017	<ul style="list-style-type: none"> - Scholarship MD/6 Note: number of months abroad for the purpose of scholarship increase: 6 not 3 - Scholarship D/13 Note: number of months abroad for the purpose of scholarship increase: 6 not 0
19 July 2017	<ul style="list-style-type: none"> - Scholarship MD/5 Note: number of months abroad for the purpose of scholarship increase: 6 not 3
19 September 2017	<ul style="list-style-type: none"> - A portion of the two scholarships which have not been assigned – MD/3 and D/13 – has been used to form the new scholarship, MD/14.

26 September 2017	<p>- The description of the scholarship MD/4: Scholarship MIUR/University co-financed by the Department of Chemical and Pharmaceutical Sciences funded by RICERCA prof. Prato Project title: "Synthesis and applications of carbon nanostructures" Principal investigator: Prof. Maurizio Prato – prato@units.it is amended as follows: Scholarship MIUR/University co-financed by the Department of Chemical and Pharmaceutical Sciences funded by SIR 2014 Dott.ssa Marchesan HOT-SPOT-RBS114A7PL – CUP J92I15000330008 Project title: "Synthesis and applications of organic nanostructures" Principal investigator: Dr Silvia Marchesan – smarchesan@units.it</p>
26 September 2017	<p>- Scholarship MD/14 Note: number of months abroad for the purpose of scholarship increase: 12 not 18</p>