



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

ATTACHMENT 7

LAST REVISED 31/05/2016

**PhD IN
NANOTECHNOLOGY
ADMISSION INFORMATION**

DISCLAIMER: this is an overview of the main deadlines and a partial checklist. Exhaustive information, including how to register for the selection, is published in the Admission Announcement posted in the web page <http://www2.units.it/dott/en/> >> Admission Announcement.

REQUIREMENT	DEADLINE
online application and upload of the documents required	16 June 2016 1:00 p.m. (ITALIAN TIME)
payment of the exam registration (application) fee	16 June 2016
for Italian degrees: deadline for completion	by 31 October 2016
for foreign degrees: the deadline for completion is anticipated to enable the Examining Board to assess their equivalence	by 16 June 2016

Documents to be uploaded	Mandatory / Optional
1. proof of identity	Mandatory
2. curriculum vitae et studiorum , with a special focus on pre-PhD activities	Mandatory
3. certifications of the qualifications that grant eligibility a for degrees awarded in Italy : self-certification of the exams and scores of both first and second level degrees (where applicable) or single cycle degree b for foreign degrees awarded within the European Higher Education Area : Diploma Supplement c for foreign degrees awarded outside the European Higher Education Area : certificate of award/conferment with transcript of records and final scores of both the Bachelor's and Master's (or equivalent) plus a scan of the original diplomas (if available)	Mandatory
4. degree thesis or dissertation a. for graduates: full text (if the thesis is written in Italian or in English) b. for undergraduates (in Italy) or graduates who have written their thesis in a language other from Italian or English: abstract to be drawn up according to the template available at http://www2.units.it/dott/en/?file=DottBandi.inc&cod=1010	Mandatory
5. two letters of reference / recommendation to be sent directly by the referees to the email account dottorato.nanotecnologie@units.it (subject: "Letter concerning Surname Name) before 16 June 2016 1:00 pm Italian time	Mandatory
	AMENDED ON 17.05.2016 Optional Mandatory

<p>6. research project: all candidates must download and fill in the form available on the Doctorate website http://www.units.it >> Ricerca >> Dottorati di Ricerca >> Admission Announcement >> Application Forms (preferably in English).</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 AMENDED ON 17.05.2016 Optional Mandatory
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PLACES, SCHOLARSHIPS, RESEARCH GRANTS AVAILABLE

<i>Total number of places available (excluding [R/2] [R/3] [R/4] – see below)</i>	10	
<i>without scholarship – cod [SB/]</i>	0	
<i>with scholarship</i>	10	
<i>Scholarships/Research grants available with indication of the code, total number and funding body and co-funding percentage</i>	FSE-EUS/1	1
		<p>N.B.: Candidates who accept an earmarked scholarship are committed to the pre-assigned topic</p> <p>ESF – EUSAIR/EUSALP scholarship (100% funded by the University of Trieste through resources of the Region Friuli Venezia Giulia - European Social Fund - Operational Programme 2014/2020)</p> <p>The topic must be consistent with the PhD sectors/research lines and with the EUSAIR/EUSALP areas (check the list of available projects at http://www.nanotech.units.it, Research Project Topics 2016)</p> <p>12 months over 36 must be spent abroad in one of the EUSAIR/EUSALP areas</p> <p style="background-color: yellow;">AMENDED ON 17.05.2016: Project Topics</p>
	FSE-S3/D/2	1
		<p>ESF – S3 scholarship (50% funded by the University of Trieste through resources of the Region Friuli Venezia Giulia - European Social Fund - Operational Programme 2014/2020 and 50% funded by the Department of Physics through IOM - CNR)</p> <p>(Project title “<i>Selfassembling and anchoring of molecular systems on surfaces and 2D materials</i>”)</p> <p>Max 5 months to be spent abroad</p> <p>The funder will cover directly the travel expenses abroad related to PhD activities.</p> <p>Principal investigators: Albano Cossaro, CNR IOM cossaro@iom.cnr.it; Alberto Morgante morgante@iom.cnr.it</p> <p>https://sites.google.com/site/theanchorproj/home/unit-1---spectroscopy/time-resolved-spectroscopy</p>
	FSE-S3/D/3	1
		<p>ESF – S3 scholarship (50% funded by the University of Trieste through resources of the Region Friuli Venezia Giulia - European Social Fund - Operational Programme 2014/2020 and 50% funded by the Department of Physics through IOM - CNR)</p> <p>(Project title “<i>Study of ultrafast temporal evolution of electronic states in nanostructured materials and their precursor by synchrotron radiation and FEL experimental techniques</i>”)</p> <p>Max 5 months to be spent abroad</p> <p>The funder will cover directly the travel expenses abroad related to PhD activities.</p> <p>Principal investigators: Giovanna Fronzoni, fronzoni@units.it; Marcello Coreno marcello.coreno@elettra.eu</p> <p>http://www.elettra.trieste.it/lightsources/elettra/elettra-beamlines/gas-phase/bando-dottorato-2016.html</p>
	MD/4	1
		<p>University of Trieste (33,33%) + Department of Physics (66,67%) through IOM - CNR (Project title “<i>Excitation and relaxation processes in nanostructured materials</i>”)</p> <p>The funder will cover directly the travel expenses abroad related to PhD activities.</p> <p>Principal investigator: Maddalena Pedio pedio@iom.cnr.it</p> <p>https://www.iom.cnr.it/sipe</p>

	MD/5	1	University of Trieste (33,33%) + Department Medicine, Surgery and Health Sciences (66,67%) through IOM - CNR (Project title “ <i>Comprehensive characterization and effective combinatorial targeting of high-grade serous ovarian cancer via single-cell analysis</i> ”) - Project UE Horizon 2020 HERCULES - Grant 667403 - CUP J92115000670006 Principal investigators: Giorgio Stanta, stanta@icgeb.org ; Serena Bonin, sbonin@units.it http://cordis.europa.eu/project/rcn/199732_en.html
	MD/6	1	University of Trieste (33,33%) + Department Medicine, Surgery and Health Sciences (66,67%) through ISTECC - CNR (Project title “ <i>Physiochemical and biological identity of nanomaterials for the control of potentially adverse effects</i> ”) Principal investigator: Anna Costa, ISTECC-CNR, anna.costa@istec.cnr.it http://www.sun-fp7.eu
	MD/7	1	University of Trieste (50%) + Department of Chemical and Pharmaceutical Sciences (50%) funded by CTZACH-PASQUATO (Project title “ <i>Design of monolayer protected gold nanoparticles for controlled self-assembly</i> ”) Principal investigator: Lucia Pasquato, lpasquato@units.it http://www.dscc.units.it/pasquato/research.htm
	MD/8	1	University of Trieste (50%) + Department of Chemical and Pharmaceutical Sciences (50%) (Project title “ <i>Superstructures and supramolecular assembly of short peptides</i> ”) - Project SIR 2014 MARCHESAN HOT-SPOT- RBSI14A7PL - CUP J 92115000330008 Principal investigator: Silvia Marchesan, smarchesan@units.it http://www.marchesanlab.com/
	MD/9	1	University of Trieste (50%) + Department of Life Sciences (50%) funded by Prof. Paoletti (Project title “ <i>Preparation and Characterization of Medical Devices Based on Natural and/or Modified Polysaccharides</i> ”) Principal investigator: Prof. Ivan Donati, idonati@units.it http://www.biomat-units.it/
	MD/10	1	University of Trieste (50%) + Department of Life Sciences (50%) funded by Centro di Riferimento Oncologico Istituto nazionale tumori CRO - Aviano (Project title “ <i>Precision Nanomedicine in Cancer</i> ”) Principal investigator: Prof. Giuseppe Toffoli, CRO Aviano, gtoffoli@cro.it
<i>Reserved places with scholarships/research grants available for graduates at universities abroad [R/1] with indication of the code, total number and funding body</i>	R/1	0	--
<i>Reserved places with no PhD scholarship provided</i>	R/2	0	
	R/3	0	
	R/4	0	
<i>PhD students from foreign universities may be admitted with a joint supervision of their thesis</i>			yes

THE SELECTION PROCEDURE

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

<i>Selection criteria</i>		<p>qualifications + oral examination/interview</p> <p>Final score: maximum 100 – minimum final score required for eligibility 70</p>
<i>Evaluation</i>		<p>Qualifications (maximum score 70 – minimum final score required 50):</p> <ul style="list-style-type: none"> • curriculum vitae et studiorum max 35 • exams max 5 • thesis / abstract max 5 • two letters of reference / recommendation max 10 • research project max 20 <p>Oral examination/interview: maximum score 30 – minimum final score required 20</p>
N.B. The Examining Board may decide to adopt evaluation subcriteria		
<i>Examination schedule</i>	<i>Oral examination/interview</i>	<p>Either in person: 21 July 2016 at 09:00 am (ITALIAN TIME), University of Trieste – Department of Chemical and Pharmaceutical Sciences, Building C11 – 1st floor – “Sala del Consiglio”</p> <p>The Examining Board may decide to interview candidates on subsequent dates</p>
	<i>Language(s) of the interview</i>	Italian or English
	<i>Language(s) tested in the oral examination/interview</i>	English (level of knowledge required: CEFR B2)
	<i>Videoconference interview</i>	<p>Upon request from the candidates, the interview may be carried out through videoconference, with the same schedule (check 6.2 Admission Announcement). Candidates shall provide a Skype account and a mobile phone number.</p> <p>The Videoconference interview form is available at http://www.units.it/dottorati/ >> Admission announcement >> Application forms</p> <p>Should a candidate – who had not requested a video conference interview at the time of the application - not be able to attend the interview in person at the time and the site fixed, due to unforeseen circumstances, s/he can submit the request for video conferencing by sending an email to dottorato.nanotecnologie@units.it up to four working days before the date fixed for the interview, stating the grounds for their request.</p> <p>The Examining Board will arrange the start time with the candidates.</p> <p>The Examining Board will gather on 22 July at 9:00 (ITALIAN TIME), University of Trieste – Department of Chemical and Pharmaceutical Sciences, Building C11 – 1st floor – “Sala del Consiglio”.</p>