



UNIVERSITÀ DEGLI STUDI DI TRIESTE

Area dei Servizi Istituzionali
Unità di staff Dottorati di ricerca

ATTACHMENT 4

LAST REVISED 17/12/2021

DOCTORAL PROGRAMME in CHEMISTRY (in partnership with Ca' Foscari University of Venice) 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	Mandatory
3. university qualifications:	Mandatory

<p>a. for graduates and near-graduates in Italy:</p> <p>I) self-certification of all examinations and relevant scores and grade average of second-cycle degree programme, i.e. <i>Laurea magistrale</i> (LM), <i>Laurea specialistica</i> (LS) or <i>Laurea vecchio ordinamento</i> (LVO);</p> <p>II) in addition to point I, self-certification of LM, LS or LVO final mark (only for graduates) Self-certification is to be drafted preferably using the form available online, or using the online services of the issuing University.</p> <p>b. for graduates and near-graduates from abroad:</p> <p>I) Transcript of Records including examinations and scores obtained. Where applicable, a Diploma Supplement can be submitted instead of the Transcript.</p> <p>II) in addition to point I, 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;</p> <p>III) Translation into Italian or English of the above documents, if issued in a different language.</p>	
<p>4. thesis abstract</p> <p>It must be submitted by both graduates and near-graduates, in English or Italian. We highly recommend to use the "Thesis Abstract form", as failure to do so may lead to exclusion.</p>	mandatory
<p>5. letters of reference / recommendation: to be sent by email by the referees themselves to dottorato.chimica@units.it (please write in the subject: Letter concerning "Surname Name") before 7 June 2021 1:00 p.m. (Italian time)</p>	optional (*) <i>exception: submission via email</i>
<p>6. scientific publications</p>	optional
<p>7. other qualifications: any stages abroad (max 2)</p>	optional
<p>8. Research project:</p> <p>Candidates must submit a project proposal in a topic of their choice based on their specific competencies. Failing to submit the project, the candidate will not be admitted to the interview. The project is required only for the purpose of assessment and does <u>not</u> necessarily have to be consistent with the topic or project that will eventually be developed throughout their doctoral research.</p> <p>The candidates will then present their project during the interview, preferably using PowerPoint (approx. 5 to 6 slides, 10 minutes max). Assessment will be based on originality and competence skills demonstrated by the candidates in their oral presentations and project drafts, as well as in their responses to the interviewers' questions.</p> <p>Please be aware that the interview will NOT be limited to the project presentation and discussion. We highly recommend to use the "Research Project form" available online for the project drafting, as failure to do so may lead to exclusion.</p> <p>Applicants must indicate on the form the University of their choice (Trieste or Venice) or – in case of application for both locations – can indicate their preference.</p>	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	12
<p>Note:</p> <ul style="list-style-type: none"> - Candidates who accept a subject-specific scholarship are committed to the project topic. - Study/research abroad that entitles to a scholarship increase: 	

			<p>2 to 18 months for each PhD student (over 3 years) if not otherwise stated in each scholarship description.</p> <p>The increase can be granted only for uninterrupted periods of no less than 60 days</p>
<p><i>Scholarships</i> (code, total number and description)</p>	MD/1	1	<p>Scholarship MUR/University co-financed by the Department of Chemical and Pharmaceutical Sciences (DSCF) with funds from Prof. Marchesan</p> <p>Project title: "Supramolecular systems based on short peptides". Research to be performed at the Department of Chemical and Pharmaceutical Sciences of the University of Trieste and published on the website of the Doctorate (http://web.units.it/dottorato/chimica).</p> <p>Principal investigator: Prof. Silvia Marchesan (DSCF)</p> <p>Note: this scholarship does not include funding for research conducted abroad, except for any supplementary funding from the pertaining department.</p>
	MD/2	1	<p>Scholarship MUR/University co-financed by the Department of Chemical and Pharmaceutical Sciences (DSCF) with funds of Project ERC-DOTS</p> <p>Project title: Carbon nanodots in organic catalysis"</p> <p>Research to be performed at the Department of Chemical and Pharmaceutical Sciences of the University of Trieste and published on the website of the Doctorate (http://web.units.it/dottorato/chimica).</p> <p>Principal investigator: Prof. Maurizio Prato (DSCF) https://pratomaurizio.wixsite.com/labcarbon</p> <p>Note: this scholarship does not include funding for research conducted abroad, except for any supplementary funding from the pertaining department.</p>
	MD/3	1	<p>Scholarship MUR/University co-financed by the Department of Chemical and Pharmaceutical Sciences with funds from Project AIRC-Fortuna-20 CUP J99C20000460005</p> <p>Project title: "Characterization of antibody fragments"</p> <p>Research to be performed at the Department of Chemical and Pharmaceutical Sciences of the University of Trieste and published on the website of the Doctorate (http://web.units.it/dottorato/chimica).</p> <p>Principal investigator: Prof. Sara Fortuna (DSCF) www.sarafortuna.eu</p> <p>Project link on: http://web.units.it/dottorato/chimica</p> <p>Note: this scholarship does not include funding for research conducted abroad, except for any supplementary funding from the pertaining department.</p>
	MD/4	1	<p>Scholarship MUR/University co-financed by the Department of Chemical and Pharmaceutical Sciences with funds from Projects H2020—RIA-CE-NMBP-25 Program — Grant No. 862030 - Decade, tramite consorzio INSTM</p> <p>Project title: "Distributed chemicals and fuels production from CO2 in photoelectrocatalytic device"</p> <p>Research to be performed at the Department of Chemical and Pharmaceutical Sciences of the University of Trieste and published on the website of the Doctorate (http://web.units.it/dottorato/chimica).</p> <p>Principal investigator: Prof. Paolo Fornasiero (DSCF)</p> <p>Note: number of months abroad for the purpose of scholarship increase: max 6</p>
	M/5	1	<p>Scholarship MUR/University</p> <p>Research to be performed at the Department of Chemical and</p>

		<p>Pharmaceutical Sciences of the University of Trieste on a project proposed for the PhD Cycle 37 by the area of Pharmaceutical Technology (SSD CHIM/09) and published on the website of the Doctorate (http://web.units.it/dottorato/chimica).</p> <p>Note: number of months abroad for the purpose of scholarship increase: max 6</p>
M/6	1	<p>Scholarship MUR/University</p> <p>Research to be performed at the Department of Chemical and Pharmaceutical Sciences of the University of Trieste on a project proposed for the PhD Cycle 37 and published on the website of the Doctorate (http://web.units.it/dottorato/chimica).</p> <p>Note: number of months abroad for the purpose of scholarship increase: max 6</p>
C/7-9	3	<p>Scholarships MUR/University Ca'Foscari Venezia</p> <p>Research to be performed at the Department of Molecular Sciences and Nanosystems of the University Ca' Foscari of Venice (UniVE) on one of the topics listed on the Doctorate website (https://www.unive.it/pag/7331/).</p> <p>Note: number of months abroad for the purpose of scholarship increase: max 6</p>
C/10	1	<p>Scholarship financed by the Department of Molecular Science and Nanosystems (DSMN) of the University Ca'Foscari, Venice, (UniVE) with funds from Casale SA.</p> <p>Project title: "Development of bioformulations for fertilizer purpose"</p> <p>The project is published on the website of the Doctorate (http://web.units.it/dottorato/chimica).</p> <p>Principal investigator: Prof. Michela Signoretto (DSMN)</p> <p>Note: number of months abroad for the purpose of scholarship increase: max 12</p>
C/11	1	<p>Scholarship financed by the University Ca' Foscari Venezia with funds from Istituto Italiano di Tecnologia di Genova (IIT).</p> <p>Research to be performed at the Department of Molecular Sciences and Nanosystems of the University of Venice (UniVE) and Center for Cultural Heritage Technology@Ca' Foscari in Mestre (VE), on the project: Conservation science and protective coatings for Cultural Heritage: Ancient Manuscripts: degradation assessment and development of protective coatings</p> <p>The project is published on the website of the Doctorate (http://web.units.it/dottorato/chimica).</p> <p>Note: number of months abroad for the purpose of scholarship increase: max 12 6</p>
C/12	1	<p>Scholarship financed by the University Ca' Foscari Venezia with funds from Istituto Italiano di Tecnologia di Genova (IIT).</p> <p>Research to be performed at the Department of Molecular Sciences and Nanosystems of the University of Venice (UniVE) and Center for Cultural Heritage Technology@Ca' Foscari in Mestre (VE), on the project: Mosaic: study of the constituent components and development of tailored protective systems.</p> <p>The project is published on the website of the Doctorate (http://web.units.it/dottorato/chimica).</p> <p>Note: number of months abroad for the purpose of scholarship increase: max 12 6</p>
A3/13	1	<p>Position for a PhD candidate who will be employed by F.I.S. - Fabbrica Italiana Sintetici S.p.A. on an apprenticeship for HE and Research contract.</p>
<p><i>Apprenticeship for Higher Education and Research</i></p>		
<p>RESERVED PLACES</p>		

RE/1	1	<p>Highly-qualified staff employed in companies, public institutes or research centres (while remaining on salary from the employer)</p> <p>This position is reserved for employees of companies performing highly skilled work within the interest of the doctorate in Chemistry. Position available for employees of Agricola Grains S.p.A.</p> <p>Topic of the project, to be performed at DSMN of UniVE: valorisation of biological oils for food preparations</p> <p>Principal investigator: Prof. Alessandro Scarso (DSMN)</p>
RE/2	1	<p>Highly-qualified staff employed in companies, public institutes or research centres (while remaining on salary from the employer)</p> <p>This position is reserved for employees of companies performing highly skilled work within the interest area of the doctorate in Chemistry. Position available for employees of INOVYN.</p> <p>Topic of the project, to be performed at DSMN of UniVE: Development of additives for PVC polymerisation based on green chemistry principles</p> <p>Principal investigator: Andrea Vavasori (DSMN)</p>
RE/3-4	2	<p>Highly-qualified staff employed in companies, public institutes or research centres (while remaining on salary from the employer)</p> <p>These positions are reserved for employees of White Black Slag Technology S.r.l., based in Treviso, performing highly skilled work within the interest area of the doctorate in Chemistry.</p> <p>The activities are to be performed at the Department DSMN of UniVE.</p> <p>Principal investigators: Andrea Vavasori and Lucio Ronchin (DSMN)</p>
RD/5	1	<p>Place reserved for recipients of international mobility programmes fellowships. This position is reserved to a candidate (Early Stage Researcher) selected within the European Network H2020 ETN 2019 AntiHelix (G.A. n. 859853), which the University of Trieste has joined as Partner Institution.</p> <p>Project topic: "Structural, biochemical and cellular characterization the RecQ4 helicase" (https://www.elettra.eu/AntiHelix)</p> <p>The Host Institution is Elettra-Sincrotrone (Trieste).</p> <p>Supervisor: Silvia Onesti.</p> <p>Enrolment is subject to approval and verification of the candidate's qualifications by the Doctoral Board.</p>

TERMS AND CONDITIONS

<i>Required academic qualifications (see art. 2 of the Notice of Competition)</i>					
<i>"Lauree vecchio ordinamento" awarded in Italy (before the D.M. 509/99 reform of the University system)</i>	All				
<i>"Lauree specialistiche" (LS) awarded in Italy</i>	All				
<i>"Lauree magistrali" (LM) awarded in Italy</i>	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 24):				
	<table border="0" style="width: 100%;"> <tr> <td style="border-right: 1px dotted black;">• curriculum vitae et studiorum</td> <td>maximum score 10</td> </tr> <tr> <td style="border-right: 1px dotted black;">• abstract of the degree thesis</td> <td>maximum score 3</td> </tr> </table>	• curriculum vitae et studiorum	maximum score 10	• abstract of the degree thesis	maximum score 3
• curriculum vitae et studiorum	maximum score 10				
• abstract of the degree thesis	maximum score 3				

• exams taken	maximum score 20
• letters of reference	0
• publications	maximum score 5
• any stages abroad	maximum score 2
• research project (assessed upon interview)	0
Interview: maximum score 60 - minimum score required 36	

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.

<i>Examination schedule</i>	<i>Assessment of qualification</i>	from 14 June 2021
	<i>Interview (**)</i>	5 July 2021 10:00 am (Italian time) --- Due to the current COVID-19 outbreak, the Board of Examiners has decided that the interview will be administered only remotely , using Zoom. Candidates must use the following link: https://unive.zoom.us/j/87601972881 (Meeting ID: 876 0197 2881, Passcode: interview1). Candidates must attend/be connected to the meeting at least 30 minutes before the scheduled time. All candidates must show a current and valid identity document at the interview. Any trouble with downloading or connecting to the platform must be notified by the candidate within 4 working days of the start date of the interviews (by 9th July) to dottorato.chimica@units.it (**) Should the Covid-19 pandemic allow to take the interview in person, the exam will be held at: University of Trieste – Department of Chemical and Pharmaceutical Sciences – Building C11 – “Sala del Consiglio” – 1st floor – Via L. Giorgieri, 1 – TRIESTE In this event, candidates wishing to take the interview in person, will inform the Board of Examiners within Friday 25 June by email to dottorato.chimica@units.it
	<i>Language(s) of the interview</i>	Italian English (for non-Italian speaking candidates)
	<i>Language(s) tested in the interview</i>	English (level of knowledge required: CEFR B2)

SUPPLEMENTARY INFORMATION (following publication of the Notice of Competition)	
27/05/2021	Two additional places reserved for highly qualified staff of White Black Slag Technology S.r.l., based in Treviso.
21/06/2021	(**) Interview by videoconference only
04/11/2021	Scholarships M/5 and M/6: number of months abroad for the purpose of scholarship increase: max 6 Scholarships C/11 and C/12: number of months abroad for the purpose of scholarship increase modified from 12 to 6
05/11/2021	One position for candidates on an Apprenticeship for Higher Education and Research contract (A3/13) has been added.

17/12/2021	One additional place reserved for candidates recruited within international mobility programmes (R/D).
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