

PhD Course: SCIENCES, TECHNOLOGIES AND MEASUREMENTS FOR SPACE			
Curricula	<ul style="list-style-type: none"> MECHANICAL MEASUREMENTS FOR ENGINEERING AND SPACE SCIENCES AND TECHNOLOGIES FOR AERONAUTICS AND SATELLITE APPLICATIONS 		
Department	Centro di Ateneo di Studi e Attività Spaziali "Giuseppe Colombo" - CISAS		
Duration	3 years		
Number of positions	Scholarships funded by external public or private bodies/Departments	n. 4	<p>1 scholarship funded by Centro di Ateneo di Studi e Attività Spaziali "Giuseppe Colombo" - CISAS su fondi del progetto ASI dal titolo "MINISPEC: Moon IN-situ Imaging SPECTrometer" - CUP B53C23008230005 - Topic: Advanced techniques for planetary exploration payloads development (curriculum: MECHANICAL MEASUREMENTS FOR ENGINEERING AND SPACE);</p> <p>1 scholarship funded by Dipartimento di Ingegneria Industriale - DII su fondi del progetto E.T. COMPACT (project ID 101161603, HORIZON-EIC-2023PATHFINDERCHALLENGES-01-05) - Topic: Development of Innovative Technologies for Miniaturized and Sustainable Propulsion Devices based on Electrodynamic Tethers (curriculum: MECHANICAL MEASUREMENTS FOR ENGINEERING AND SPACE);</p> <p>1 scholarship funded by Dipartimento di Ingegneria Industriale - DII su fondi del progetto europeo gEICko (project ID 101223148, HORIZON-EIC-2024-PATHFINDERCHALLENGES-0105) - Topic: Innovative Technologies for Autonomous Navigation and Capture of Uncooperative and Unprepared Satellites (curriculum: MECHANICAL MEASUREMENTS FOR ENGINEERING AND SPACE);</p> <p>1 scholarship funded by Smart PhD 2025 - Fondazione Cassa di Risparmio di Padova e Rovigo, Intesa Sanpaolo S.p.A., UniSMART cofinanziata con Dynamic Optics S.r.l. - Topic: Advanced control systems for adaptive optics for laser communications (curriculum: SCIENCES AND TECHNOLOGIES FOR AERONAUTICS AND SATELLITE APPLICATIONS);</p>
	Total number of positions	n. 4	
Selection criteria	PRESELECTION ON THE BASIS OF EVALUATION OF QUALIFICATIONS AND ORAL EXAMINATION		
Oral examination via remote interview:	Applicants who have requested it in the application form will take the oral exam via remote interview using the ZOOM videoconference tool.		
Evaluation criteria	<p>Qualifications: points max 50</p> <p>Oral examination: points max 50</p>		
Documents to be submitted	Thesis:	Points: max 5	(Applicants waiting to be awarded the entrance qualification: those waiting to be awarded the entrance qualification by 30th September 2025 will

			submit a summary of the master thesis project (max. 4 pages) signed by the applicant and the supervisor). The Master thesis project will be evaluated in relation with the research activities of the PhD course. Candidates have to attach the pdf file of the thesis. For master thesis not in English or Italian a summary of the master thesis project should be provided (max 4 pages)
	Curriculum:	Points: max 15	Use the Europass format (https://europa.eu/europass/). For each course of study: - attach suitable documentation of the exams taken and the marks obtained - indicate the weighted average (on ECTS) with two decimal digits of the exam marks - indicate the ratio (percentage) between the above average and the maximum value possible of this average (i.e. the average that would be achieved with the highest marks in all exams). For each qualification obtained, indicate: - the final grade - the ratio (percentage) between the final grade obtained and the maximum achievable. For Italian 5-years degrees (vecchio ordinamento) indicate the arithmetic average of the exam grades. In addition describe: any teaching or research experiences, periods spent abroad specifying the purposes, awards and / or scholarships. It can be either in English or in Italian
	Scientific publications:	Points: max 2	Include the possible list of publications, including authors, title, date, editorial collocation, and DOI (Digital Object Identifier) if available, and a copy of each publication.
	Other documents:	Points: max 3	- Two reference letters from university professors or qualified members of research institutions or industries (follow the instructions for sending these letters; do not upload the letters directly with the application). - Candidate's report on any research activities carried out. - GRE General Part, TOEFL, IELTS and similar tests if available. - Others information that the candidate aims to present
	Research project:	Points: max 25	-Description of a potential research activity ("Project work") for the three-year PhD program (max 16,000 characters excluded the bibliography). It can be either in English or in Italian
Publication of the results of the evaluation of the preselection	<p>Within 15 SEPTEMBER 2025 the evaluating Commission will publish the results of the evaluation of the qualifications in the following website: https://cisas.unipd.it/phd-course-dottorato/new-stms-phd-call-41st-cycle</p> <p>In order to be admitted to the examination, the candidate must get a score of at least 7/10 in the preselection.</p>		

Publication of the timetable of remote interviews and instructions on how to use the ZOOM video conferencing	By 15 SEPTEMBER 2025 the commission will publish on the course website https://cisas.unipd.it/phd-course-dottorato/new-stms-phd-call-41st-cycle the timetable of the remote interviews and the instructions on how to use the ZOOM video conferencing for those applicants who have chosen in the application form to take the oral examination via remote interview and who have passed the preselection on the basis of the qualifications with a pass-mark of at least 7/10.
Oral examination	17 SEPTEMBER 2025 09:00 - Sala riunioni piccola, 3° piano - Complesso Ingegneria Meccanica. Via Venezia 1, Padova
Language/s	<p>Foreign language/s assessment at the oral examination: At the oral examination the commission will assess the knowledge of the following language/s: English</p> <p>Admission exam: The admission exam will be taken in: either in Italian or in English</p>
Examination topics	The oral exam consists of a discussion on the qualifications presented by the candidate, in particular on her/his knowledge/experience on topics related to the PhD course and on the “project work”. Knowledge of the English language will also be verified.
PhD Course Website:	https://cisas.unipd.it/phd-course-dottorato/phd-course-general-description
Further information	<p>Department: Centro di Ateneo di Studi e Attività Spaziali “Giuseppe Colombo”</p> <p>Address: Via Venezia - N. 15, 35121 Padova (PD)</p> <p>Contact person: Cesaro Novella</p> <p>telephone: 0498276857 e-mail: dottorato.cisas@unipd.it</p>
How to apply	<p>The application must be submitted only via the online procedure available at: https://pica.cineca.it/unipd/dottorati41luglio</p> <p>The documents must be attached in pdf format.</p> <p>The application and the attached documents are submitted automatically by closing the online procedure, so no hard copy of the application and of the documents must be sent to the office.</p>
Deadlines	<p>Publication of the ranking lists and enrollment from 24 September 2025</p> <p>Beginning of PhD courses 1 November 2025</p>