



PhD Programme in electronic and computer engineering	
Curriculum 1: COMPUTER ENGINEERING AND AUTOMATIC CONTROL Curriculum 2: ELECTRONICS AND TELECOMMUNICATIONS	
DISCIPLINARY SCIENTIFIC AREA	09 - INDUSTRIAL AND INFORMATION ENGINEERING
COORDINATOR	PROF. ALESSANDRO GIUA
HEAD DEPARTMENT	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING
DURATION	3 years
LEARNING OUTCOMES AND RESEARCH TOPICS	<p>The PhD programme in Electronic and Computer Engineering aims to train young researchers to make them ready to carry out academic and industrial research projects in the following areas:</p> <ol style="list-style-type: none"> 1. Automatic Control and Systems Engineering 2. Telecommunications 3. Electromagnetism 4. Electrical Circuits and Modelling 5. Industrial Electronics Power 6. Computer Engineering 7. Microelectronics 8. Electrical and Electronic Measurements <p>The central point of the doctoral education is the development of an original research project to be carried out in close contact with the supervisor and strongly aimed to the advancement of knowledge in the relevant field of engineering.</p> <p>The main goal of the PhD programme is to create professionals who find suitable job placement at academic institutions, research centres, high-tech firms, and that they are potentially able to initiate economic undertakings with high scientific and technological content.</p>
ELIGIBILITY AND OTHER REQUIREMENTS FOR CANDIDATES	EVERY ITALIAN 2ND CYCLE DEGREE (<i>LAUREA MAGISTRALE/SPECIALISTICA/VECCHIO ORDINAMENTO</i>) AND EQUIVALENT AND SUITABLE FOREIGN ACADEMIC DEGREES
ADMISSION TESTS FOR CANDIDATES APPLYING FOR THE ORDINARY POSITIONS	<p>ASSESSMENT OF QUALIFICATIONS AND CURRICULUM VITAE, IN-PERSON INTERVIEW</p> <p>The interview will aim to ascertain the candidate's ability to orient on the main areas of study inherent in the doctorate and to verify his/her analytical, processing and communication skills.</p> <p>During the interview, a three-year research project proposed by the candidate will be discussed, which must be presented, in addition to the documents required by art. 3 of the call for applications (Annex A "Titoli valutabili e Curriculum Vitae"; Annex B 'Dichiarazione sostitutiva di certificazioni del/i titolo/i di accesso con esami e voti'; two-sided coloured scanned copy of a valid ID, with a clear photo), by uploading it to the system by the call expiry date (file name: research_project_surname_name).</p> <p>Candidates unable, for justified reasons, to take the interview at the established venue, may be granted the possibility of carrying it out by videoconference, on the same date and time established for face-to-face interviews, according to the procedure indicated in the notice of competition.</p>
ADMISSION TESTS FOR FOREIGN CANDIDATES APPLYING FOR THE RESERVED POSITION	<p>ASSESSMENT OF QUALIFICATIONS AND CV, AND ONLINE INTERVIEW</p> <p>During the interview, a three-year research project proposed by the candidate will be discussed, which must be presented, in addition to the documents required by art. 3 of the competition announcement (certificate attesting the award of a 2nd level foreign degree needed to access a PhD</p>

	<p>programme, including exams and marks, with a translation in Italian or English; certificate attesting the award of a 1st level foreign degree, including exams and marks, with a translation in Italian or English; signed Curriculum Vitae preferably in EU format, in English or Italian; additional qualifications, certifications, publications; copy of a valid passport), by uploading it to the system, by the expiry date of the announcement (file name: research_project_surname_name). The interview can also be conducted in English.</p> <p>Reference letters (up to 3) must be written in English, using the form available on the webpage https://web.unica.it/unica/en/studenti_s01_ss05.page (How to apply for PhD selection: Guidelines and forms- Annex D), by a university professor or an expert in the research fields of the PhD programme, on letterhead of their institution, dated and signed. Evaluators will send their letters directly to the email address phdcall_referenceletter@unica.it (object: surname and name of the candidate being evaluated and name of the PhD programme for which he/she is applying).</p>
POSITIONS	10 (of which 1, with scholarship, reserved for a foreign candidate with a foreign degree, and 1, without scholarship, reserved for scholarship recipients from foreign countries)
SCHOLARSHIPS	<p>4 funded by UniCa (1 of which reserved for a foreign candidate with a foreign degree); 3 funded with funds of the Department of Electric and Electronic Engineering):</p> <ul style="list-style-type: none"> - 2 scholarships from funds of AISAC (CUP B29J23001120005, project code RICALTRO_WP_CTC_2023_AISAC_PERSO NALE_FANTI) - 1 scholarship from funds of BioMeld (CUP F23C22000660006, project code RICUE_CTC_HORIZO N_BIOMELD_2022_L AI)
POSITIONS WITHOUT SCHOLARSHIP	2
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