



Admission to the 1st year of a Master's Degree in Science with unrestricted access – A.A. 2020-2021

Electrical Engineering (Class LM-28)

Admission requirements for the course of study

Candidates who meet the following academic requirements can enroll in the Master of Science in Electrical Engineering (LM-28), referred to in section 1) of the announcement, if they possess:

a) one of the following qualification requirements:

- a completed University Degree in Industrial Engineering in accordance with the Italian M.D. 270/04 (Class L - 9 of the M.D. - March 16, 2007)
- a completed University Degree in Computer Engineering, in accordance with the Italian M.D. 270/04 (Class L - 8 of the DM 16 March 2007)
- Another completed qualification (possibly from abroad) which may be recognized as equivalent by the competent bodies, after ensuring the adequacy of it through a minimum of qualifications requirements such as:
 - 6 credits in MAT/02 or MAT/03
 - 12 credits in MAT/05
 - 6 credits in CHIM/07 and ING-IND/22
 - 6 credits in ING-IND/31
 - 6 credits in ING-INF/04

Overseas students who possess a University Degree with an undefined curricular path in terms of ECTS, any equivalent scores to 6 or 9 are to be regarded as exams which have been taken in an equally scientific capacity or equivalent industry sector. The value of 12 credits is to be regarded as two exams taken in a related scientific subject or equivalent industry sector.

a) the curricular requirements here below:

Groups of scientific areas (SSD)	min ECTS
INF/01 (INFORMATICS), ING-INF/05 (INFORMATION PROCESSING SYSTEMS), MAT/02 (ALGEBRA), MAT/03 (GEOMETRY), MAT/05 (MATHEMATICAL ANALYSIS), MAT/06 (PROBABILITY AND STATISTICS), MAT/07 (MATHEMATICAL PHYSICS), MAT/08 (NUMERICAL ANALYSIS), MAT/09 (OPERATIONS RESEARCH), SECS-S/02 STATISTICS FOR EXPERIMENTAL AND TECHNOLOGICAL RESEARCH), CHIM/03 (GENERAL AND INORGANIC CHEMISTRY), CHIM/07 (PRINCIPLES OF CHEMISTRY FOR APPLIED TECHNOLOGIES), ING-IND/22 (MATERIALS SCIENCE AND TECHNOLOGY) FIS/01 (EXPERIMENTAL PHYSICS), FIS/03 (PHYSICS OF MATTER), FIS/07 (APPLIED PHYSICS)	36
ING-IND/31 (ELECTRICAL ENGINEERING), ING-IND/32 (POWER ELECTRONIC CONVERTERS, ELECTRICAL MACHINES AND DRIVES), ING-IND/33 (ELECTRICAL POWER SYSTEMS) ING-INF/04 (SYSTEMS AND CONTROL ENGINEERING)	18



The arrangements for evaluating the adequacy of preparation

All applicants must complete the application form (referred to in section 2 of the announcement) and comply with its terms and conditions.

The Examination Board will check up on the suitability of all candidates in terms of personal preparation through the analysis of their curricula and, according to the University Rules, on any possible obsolescence or gaps in terms of knowledge if the credits have been earned for more than 6 years.

Candidates may enroll (referred to in section 4 of the announcement) in the course of study **from the 25 September to the 12 of October, 2020.**

The list of successful candidates, depending upon the assessment of the Examination Board, will be posted by **September 20, 2020**. Based on the analysis of the curricula received, the Examination Board may as well find it necessary to ensure the adequacy of candidates' knowledge and personal preparation by means of a final interview, which will take place on the **25 of September 2020 at 10:00 a.m.** at the Department of Electric, Electronic and Computer Engineering (**Building 3, room P7 on the 5th floor**) in via A. Doria 6, 95125 Catania. A particular attention shall be paid during this interview to the basic principles and arguments covered by the whole scientific and disciplinary area of Electrical Engineering (ING-IND/31). Furthermore, as to those who do not possess a formal certificate, their command of English language will be tested too, which is not be not below the B1 level, in line with the CEF (Common European Framework).

Following the interview, the candidates shall be eventually evaluated by the Examination Board as being admitted or not admitted.

Examination Board

The Examination Board, referred to in section 3.1. of the Announcement, is made up of:

- Prof. Mario Cacciato
- Prof. Giovanni Muscato
- Prof. Nunzio Salerno
- Prof. Giuseppe Scarcella (supplente)

List of admitted students

As a result of the interview and most importantly when all the required procedures are completed a list of admitted students will be drawn up and published.

Responsible for the procedure

The person in charge of all the administrative procedures related to the announcement is Francesco D'Asero from the Career Services Office of the technical and scientific sector. He has been appointed in accordance with art. 5, paragraph 1, of the Italian legislation 241/90. He is available at the University Campus Office in via Santa Sofia 64, Catania, tel: +39 095/7382051 – fdasero@unict.it