



UNIVERSITÀ DEGLI STUDI
DI TRENTO

**Call for a competition for the admission of 30 Non-EU students to the
Master of Science in Telecommunications Engineering
– Corso di Laurea Magistrale in Ingegneria delle Telecomunicazioni –
– CLASSE LM27–**

FACULTY OF ENGINEERING

A. Y. 2012/13

FOREWORD

Every year the Faculty of Engineering of the University of Trento (Italy) admits a limited number of students coming from Non-EU countries¹ to the Master of Science (M.S. or *Laurea Magistrale*) in Telecommunications Engineering. The M.S. program starts in September, lasts officially 2 academic years² and covers multiple subjects related to electromagnetic technologies, electronics, multimedia communications, networking, pattern recognition and remote sensing. English is the medium of instruction. Interested prospective students who are willing to participate to the competition for one of the available positions in the Academic Year 2012-2013 are invited to submit their application according to the rules described in this call.

Article 1

NUMBER OF POSITIONS

In the Academic Year 2012-2013 the Faculty of Engineering of the University of Trento will admit to the Master of Science in Telecommunications Engineering **at most 30 students** that are not citizen of the European Union and that are not already living in Italy at the time of the application³.

¹ Students outside the European Union are students who are not citizens of any of the 27 Member States of the European Union (Austria, Belgium, Bulgaria, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden, United Kingdom, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Romania, Slovakia, Slovenia) or of the EFTA countries (Iceland, Liechtenstein, Norway), or of Switzerland, Andorra, Republic of San Marino, and The Vatican.

² The actual duration of the program depends on the performance of each student.

³ Interested non-EU prospective students **who already have a valid permit of stay in Italy** (see: <http://international.unitn.it/enrolments/non-eu-living-italy>) do **not** need to apply to the on-line procedure described in this call. However, in order to be eligible for enrolment they **must** have the basic requirements stated in Art. 2. Accordingly, they must send by e-mail the same documentation listed in Art. 6 to the Master Manager at mastertlc@disi.unitn.it.



UNIVERSITÀ DEGLI STUDI
DI TRENTO

Article 2

ADMISSION REQUIREMENTS

In order to be considered eligible for application, interested prospective students must have the following minimum requirements:

- A three-year first-level degree (Bachelor or similar) in Electric, Electronic Telecommunications or Information Engineering (or closely related disciplines) awarded by an officially recognized university-level institution. Applicants who have not completed their first-level degree yet, but who expect to graduate before July 31, 2012 are allowed to apply to the present call. However, if selected, their final admission to the M.S. in Telecommunications Engineering will be subject to the submission of a copy of the degree certificate proving the achievement of the first-level degree before July 31, 2012 and the corresponding declaration of value before March 31, 2013.
- Some documented background in **all** of the following subjects:
 - Mathematics;
 - Physics;
 - Algorithms and/or computer science fundamentals;
 - Communication systems;
 - Electromagnetic fields;
 - Analog and digital electronics.

Students with a first-level degree in Computer Science, Information Technologies Computer Engineering, Civil or Mechanical Engineering, Mathematics, Physics or other scientific disciplines **who did not take at least one exam in each of the subjects listed above are not eligible for the M.S. in Telecommunications Engineering** and are invited to apply to other M.S. programs at the University of Trento.

- Fluency in written and spoken English, as proved by one or more of the following internationally certificates recognized at level:
 1. IELTS certificate with a score of at least 6.0;
 2. Paper-Based TOEFL certificate, with a score of at least 560;
 3. Computer-Based TOEFL certificate, with a score of at least 225;
 4. Internet-Based TOEFL certificate, with a score of at least 87;
 5. ALTE-UCLES certificates FCE or above.

Internationally recognized English certificates are required. Alternatively, applicants who received one of their previous degrees from a university-level institution where the official language of teaching is English must submit a declaration issued by the same University stating that English is their primary medium of instruction. Such certificates are sufficient for eligibility, but they are not rated at the same level as the International English certificates mentioned above.



UNIVERSITÀ DEGLI STUDI DI TRENTO

Applicants who are citizens **and** degree-holders of Antigua & Barbuda, Australia, Bahamas, Barbados, Belize, Canada, Gambia, Ghana, Grenada, Guyana, Jamaica, Kiribati, Liberia, Mauritius, Micronesia, New Zealand, Nigeria, Papua New Guinea, St. Kitts-Nevis, St. Lucia, St. Vincent, Sierra Leone, Solomon Islands, Trinidad & Tobago, Uganda, United States of America, Zambia or Zimbabwe do not have to submit any language certificate since a self declaration will be accepted.

Article 3

SELECTION CRITERIA AND ASSESSMENT PROCEDURE

All applications will be assessed by a Commission appointed by the Dean of the Faculty of Engineering. Applicants having the basic requirements described in the Art. 2 will be selected according to the following criteria:

- *First-level education profile* (up to 70 points out of 100). This profile is based on the academic record of the applicant in his/her first-level degree (e.g. Grade Point Average and class qualification) as well as the score of a possible Graduate Record Examination (GRE) certificate, if available.
- *English skills* (up to 20 points out of 100). This criterion will award applicants whose certified English knowledge is better than the minimum admission requirements listed in the Art. 2. Applicants who are citizens **and** degree holders of countries where English is the main official language will be awarded with the maximum score.
- *Motivations, other competences and qualifications* (up to 10 points out of 100). This criterion includes other University qualifications besides the first-level degree, significant professional experiences in the field of information and communication technologies, reference letters, publications, patents and any other significant certificate not included above.

Applicants whose overall score is lower than 40 points are considered to be unsuitable for the M.S. program in Telecommunications Engineering. Applicants with an overall score equal to or higher than 40 points will be rated and included in a short list. The Master Admission Office will send an acceptance notification to the top 30 candidates of the list. Each accepted applicant must confirm, in writing, his/her application, pay a non refundable confirmation fee of 100,00 (one hundred) Euros and finally send by e-mail a scanned proof of payment according to the instructions that will be reported in the acceptance notification. Failing to confirm and/or to pay the deposit and/or to send a scanned proof of payment **within 15 days** from the reception date of the acceptance notification will automatically lead to the exclusion of the applicant. All the vacant positions will be progressively offered to the following students in the short list, till reaching the end of the list. All students that, for any reason, decline their position are **strongly invited** to communicate their decision to the Master Manager as soon as possible in order to give other eligible students the opportunity to study at the University of Trento.

Article 4

TUITION FEES AND SCHOLARSHIPS



UNIVERSITÀ DEGLI STUDI DI TRENTO

Tuition fees are usually approved by the University during the month of May of each Year. The tuition fees for the Master in Telecommunications Engineering for 2011/12 were € 10.000,00. See <http://international.unitn.it/fees-and-funding/undergraduate-twoyear-mc> for the updated amount.

Scholarships are offered by "Opera Universitaria Trento" which is a public institution supporting Italian and foreign students in their studies. All prospective students can apply for Opera Universitaria scholarships, fee waivers and accommodation at a reduced price in one of the University campuses. The scholarship amount ranges from a minimum of 1.200 euros/year to a maximum of 5000 euros/year (full scholarship) according to the economic condition of the student's family as well as on his/her performance throughout the academic year. Priority is usually given to students that prove to be in difficult economic conditions.

The scholarship assignment procedure is directly managed by the administration of "Opera Universitaria Trento" and the application details will be reported in a separate call. Further information will be given to the accepted students, upon receiving their confirmation fee. Scholarships are usually paid in two installments. However, the first one usually cannot be paid before December. Also, the money grant is **not** sufficient to cover all the students' living expenses in Trento. All applicants are **strongly recommended** to read carefully all the information about living costs in Italy (see <http://international.unitn.it/welcome-services/cost-living>), prior to confirming their application.

Article 5

AWARDED DEGREE

Upon the successful completion of the study plan and the fulfilment of the M.S. program requirements, students will be awarded the following degree: *Laurea Magistrale in Ingegneria delle Telecomunicazioni* (Master of Science in Telecommunications Engineering). This qualification has legal value in Italy and it is compliant with the requirements of the International "Bologna process" for higher education at European level.

Article 6

APPLICATION PROCEDURE

The application to the present competition for one of the available positions within the M.S. in Telecommunications Engineering 2012-2013 must be performed on-line. Details can be found at the following link <http://mtlc.disi.unitn.it/>. Applications must be finalized within **February 29, 2012 at 12.00 (GMT+1)**. Interested applicants are required to fill in the on-line application form thoroughly and to upload the documents listed below.

Attachment 1: Valid identity card or passport;

Attachment 2: English certificate(s) or declaration of undergraduate studies in English;



UNIVERSITÀ DEGLI STUDI DI TRENTO

Attachment 3: Scanned copy of the first-level degree (i.e. Bachelor) certificate

Attachment 4: academic transcript indicating credits and marks achieved in each subject. A clear indication of the class of qualification (e.g., best 10%, 15%, etc...) is also to be reported, if available.

N.B.: an additional translation of the transcript in English or Italian is required, whenever the document is not written in any of these languages.

Attachment 5: Curriculum Vitae in English.

Optional attachments:

- Scanned copies of other possible degrees (e.g. Masters) **and** transcripts indicating credits and marks achieved in each subject for every degree. No secondary or high school diplomas should be included here. indication of the class of qualification is also to be shown, if available. An additional translation of the transcript in English or Italian is required, whenever the document is not written in any of these languages.

- Graduate Record Examination (GRE) certificates, if available.

All documents, except the copy of the first-level degree certificate⁴, must be uploaded by the deadline stated above. **Only portable document format (pdf) files will be accepted. Using other types of files (e.g., zip, jpg, doc, tiff, etc...) will lead to the automatic exclusion of an applicant from the selection process. Incomplete or not finalized applications as well as unreadable documents will also lead to the automatic exclusion of an applicant from the selection process.**

The short list of the admitted students will be published by the end of March 2012. Afterwards, all accepted students who are going to confirm their intention to enrol at the University of Trento in the Academic Year 2012-2013 will have to follow the official pre-enrolment procedure at the Embassies or Consulates of Italy in their respective countries of residence **between April and May 2012⁵. The pre-enrolment procedure is compulsory to obtain the visa.** All applicants are strongly recommended to read the whole procedure following the acceptance notification on the following web page <http://international.unitn.it/enrolments/twoyear-mc-non-eu-living-abroad>. More specific information about this topic will be communicated to selected students. After obtaining the visa, prospective students should plan to come to Trento at the beginning of September 2012 to attend some essential orientation and welcome activities prior to their official enrollment at the University of Trento. For further information about the application procedure, all students may write to mastertlc@disi.unitn.it.

Trento, 23/12/2011

The Dean of the School of Engineering

Prof. Marco Tubino

⁴ Students who still have not completed their first-level degree, but that expect to graduate before July 31, 2012 have to provide a temporary certificate from their University stating their expected graduation date.

⁵ The exact dates depend on the Italian Ministry of University and Research and are not known at the moment.