UNIVERSITÀ
degli STUDI
di CATANIA

Public Selection for admission of Non EU - Students living abroad to the two-year Master's Degrees in English

LM 17 PHYSICS

LM 22 CHEMICAL ENGINEERING FOR INDUSTRIAL SUSTAINABILITY

LM 25 AUTOMATION ENGINEERING AND CONTROL OF COMPLEX SYSTEMS

LM 28 ELECTRICAL ENGINEERING

LM 29 ELECTRONIC ENGINEERING

LM 62 GLOBAL POLITCS AND EUROMEDITERRANEAN RELATIONS

LM 91 DATA SCIENCE FOR MANAGEMENT

Academic Year 2020/21

English Translation

The only binding version is the Italian

Application:

from 6 February 2020 12.00 (GMT +1) until 16 March 2020, 23.59 (GMT +1)

Online application: https://www.unict.it/content/bandi-concorsi#studenti

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Art. 1 Public Selection

1. The University of Catania announces a public selection based on qualifications and (if appropriate) interview, in order to select non EU students living abroad for admission to the first year of International Master's Degrees in:

Master's Degree Course	Number of places
LM 17 Physics	15
LM 22 Chemical Engineering for Industrial Sustainability	20
LM 25 Automation Engineering And Control Of Complex Systems	20
LM 28 Electrical Engineering	20
LM 29 Electronic Engineering	20
LM 62 Global Politics and Euro Mediterranean Relations	40
LM 91 Data Science for Management	15

2. Places remaining after the first round of selection will eventually be available for a second round of selection and/or added to the selection reserved for Italian, EU-citizens and non-EU citizens living in Italy;
3. The official language of the courses is English

Art. 2 Admission Requirements

1. Applicants should be citizens of non - EU Countries living abroad, who satisfy the following requirements:
    a. A bachelor's or higher degree awarded abroad, recognised suitable to enter the chosen course by the competent Commission board. Undergraduate candidates are also accepted, providing that they will obtain their bachelor's degree before 15 July 2020;
    b. Good knowledge of the English language as specified in each course information sheet provided for in the Annexes;
    c. Meet specific curricular requirements and, in accordance with the provisions established by Italian Ministerial Decree n. 270/2004, have an adequate educational background, as further specified in each course information sheet provided in the Annexes.

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Art. 3 Application procedures and submission dates

1. Candidates should register at https://studenti.smartedu.unict.it (click on the flag on the up right for English). At the end of the registration process each candidate will received by email a username and password to log in and a link to confirm the registration to the University Students' Portal;
2. Candidates must log in to the reserved area, complete the student personal details, go to the Enrolment box click on Degree than on Admission test and applications, choose the call for the Master degree they want to apply for and complete the online application form between 6th February 2020 12.00 (GMT +1) and 16th March 2020, 23.59 (GMT +1);
3. To complete the online application, it is compulsory for candidates to upload the following documents:
    a. Copy of passport (only the pages relating to personal information);
    b. Copy of bachelor's degree certificate or registration certificate attesting the expected graduation date (attach an official translation if these documents are not in Italian or English);
    c. Transcript including a list of all courses, exams and marks awarded (attach an official translation if these documents are not in Italian or English). The transcript must include: the list of exams for the qualification to be awarded, with the given grades, the minimum and maximum marks to pass the exam and possibly the GPA;
    d. Syllabus containing the description of each exam taken, written on the University's official letterhead stationary or validated with the University stamp;
    e. Letter of reference, preferably written by a university lecturer, specifically for the submission of the application for admission;
    f. Curriculum vitae in English following the "European Model" (see https://europass.cedefop.europa.eu/documents/curriculum-vitae);
    g. English language qualification;
    h. Statement of purpose – brief personal statement in English in which the candidate supports her/his application (max. 4000 characters, spaces incl.);

i. Any other document the candidate considers useful for evaluation, including a Declaration of Value or Statement of Comparability of the Bachelor's degree, Masters, certification of summer courses, workshops, works experiences, etc.

j. Summary sheet

Art. 4 Selection and ranking

1. For each Master's degree, an admission board will be appointed, made up of three members, nominated via Rectoral Decree, on the proposal of the Department Director, chosen among the teaching staff of the course, that will ensure that the selection procedures are administrated correctly;
2. The admission boards will evaluate whether candidates fulfil the entry requirements set out in each Master's degree course regulation and specified in the Annexes;
3. Evaluation is carried out by allocating points (max 100) in accordance with the following:

Academic background and reference letter	**Tot. max 45**
Academic background: Marks, GPA, post graduate courses, other relevant extracurricular activities. Reference letter: generalized content/specific details, credibility of the source.	0-45
Statement of purpose	**Tot. max 20**
Clarity, strength of motivation, relevance to the course applied for, ability shown in English, originality	0-20
Relevance of previous studies and experience to the course objectives	**Tot. max 35**
The relevance of the candidate's previous studies (Bachelor's or Master's) and extracurricular activities (work placements, summer schools, jobs, etc.) to the nature and objectives of the course	0-35
Application score	**0-100**

4. Applicants might be invited to take an interview (via Skype) if the admission boards need to collect further information on the applicant's academic skills and personal competencies;
5. Candidates awarded a score of 50/100 or more will be considered suitable;

6. In the event that two or more candidates obtain the same score in the ranking list, preference will be given to the youngest;
7. On completing the evaluation process the admission boards will place the candidates found suitable into a list in order of classification for admission into each Master's course. These lists will be published at https://www.unict.it/content/bandi-concorsi#studenti by 3rd April 2020. Suitable candidates will be contacted by e-mail.

Art. 5 Admission and enrolment

1. Suitable candidates who have passed the selection procedure and are admitted to the course will have to pay an enrolment confirmation fee of € 156,00 within 10 days of the publication of the shortlist to confirm their acceptance of the place. This payment will not be refunded under any circumstances.
2. The payment should be made through the PagoPA system. Detailed information on how to proceed with the payment will be sent to candidates by e-mail.
3. Successful candidates who fail to complete the above steps shall be considered as having given up their place which will be assigned to the next student in the ranking;
4. The students taking over due to the scrolling of the ranking will be notified by email and should have to confirm their place by paying the enrolment confirmation fee within one week;
5. After paying the enrolment confirmation fee, candidates will receive an admission letter in order to present their pre-enrolment request to the Italian Diplomatic Office in their own country. Pre-enrolment is compulsory in order to obtain a Study Visa for Italy and enrol at the University. All candidates are advised to read carefully the procedures established by the Italian Education Minister (http://www.studiare-in-italia.it/studentistranieri/) and contact the Italian Diplomatic Office in their country as soon as possible.
6. In order to complete their enrolment, once in Catania students will have to consign to the Foreign Students Office:
    a. Copy of passport with Study VISA;
    b. Italian Tax number;
    c. Enic/Naric Statement of comparability and qualifications certification or Declaration of Value of the title requested for the admission to the chosen degree course;

d. Request of Residence Permit.

Art. 6 Tuition fees and Scholarships

1. The tuition fee for academic year 2020-21 for non-EU students living abroad is € 306,00;
2. The amount paid as a confirmation fee will be deducted from the tuition fee, the remaining 150,00 € will have to be paid between February and May 2021;
3. The best 5 candidates on each degree course shortlist will be entitled to receive a scholarship;
4. Scholarships will be worth € 2000,00 gross, to be subtracted from eventual charges on the beneficiary's account, per year for two years and cannot be combined with:
    a. Study grants issued under international programmes (i.e. Erasmus Mundus Joint Master Degree) or agreement;
    b. Study grants issued by the Italian Ministry of Foreign affairs and International Cooperation (MAECI);
    c. Study grants issued by foreign governmental bodies or institutions;
5. Students who are beneficiaries of scholarship for the first year will be exempted from paying the remaining (150,00 €) of the tuition fee for academic year 2020-21;
6. The first instalment of the scholarship will be awarded once in Catania, upon completion of enrolment procedures.
7. To confirm the scholarship for the second year student will have to achieves at least 30 ECTS by 10th August 2021;
8. The second instalment of the scholarship will be released at the beginning of the second year after the completion of the enrolment procedure for the second year and the payment of the enrolment fee as required by the students' guide to administrative procedures and contribution academic year 2021-22;
9. Scholarships are paid via bank transfer to an Italian bank account or prepaid credit card, with an IBAN, registered in the student's name;
10. In case of the availability of additional funds, the University will increase the number of scholarships available, to be assigned on the basis of the score obtained in the ranked list.

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Art. 7 Further Information and data protection

1. Further information concerning ministerial pre-enrolment procedures and academic documentation required for non-EU citizens resident abroad is available at: https://www.unict.it/en/education/master-degrees
2. The personal data provided shall be processed in accordance with the principles and provisions of the Italian Legislative Decree n. 196/2003, exclusively for the purpose of this call for applications. The Unict staff member responsible for data protection can be contacted at the following e-mail: rpd@unict.it or repd@pec.unict.it

Art. 8 – Publicity and Language

The call will be published on the University bulletin board http://ws1.unict.it/albo/ and on the University website https://www.unict.it/content/bandi-concorsi#studenti

The English version of the call has been drafted exclusively for purposes of publicity. For call implementation, dispute resolution and for all legal purposes, only the Italian version is valid.

Art. 10 – Reference legislation and office

For anything not expressly provided for in this call please refer to the current regulatory provisions. The person in charge of the administrative procedure referred to in this call is Erika Magnano, Area della Didattica – Foreign Students Office (internationalstudents.admission@unict.it).

Catania, 03 FEB. 2020

Il Dirigente ADI
(Dott. Giuseppe Caruso)

Il Rettore
(Prof. Francesco Priolo)

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Master's Degree – A.A. 2020-21

Physics (Italian Code LM – 17)

Curricular and educational background requirements

In order to be admitted to this course of study, applicants are expected to meet specific curricular requirements and have the following knowledge and skills:

a) A bachelor's or higher degree awarded abroad obtained since no more than six years. Undergraduates candidates can be also accepted providing that they will obtain their bachelor's degree before July 15th 2020;

b) An adequate academic background in Physics and Mathematics;

Language requirement:

Good Knowledge of the English language, at least B1 level of the Common European Framework of Reference for languages attested as follows:

i. IELTS: overall score 5 or higher;

ii. TOEFL: minimum total score 60;

iii. Cambridge ESOL: Preliminary (PET); Business Preliminary (BEC) or higher;

iv. Declaration from the University where the Bachelor's or Master's degree was achieved stating the official language of the course was English;

v. Declaration to be a citizen of an English speaking country.

Max Number of non EU students: 15

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Master's Degree – A.A. 2020-21

Chemical Engineering for Industrial Sustainability (*Italian Code* LM-22)

Curricular and educational background requirements

To be admitted to this course of study applicants are expected to meet specific curricular requirements and have the knowledge and abilities as follows:

a) A bachelor's or higher degree awarded abroad. Undergraduates candidates are also accepted providing that they will obtain their bachelor's degree before 15 July 2020;

b) Successful applicants come primarily from an academic background in:

   a. chemical engineering,
   b. petroleum engineering;
   c. chemistry;
   d. industrial chemistry;
   e. industrial engineering;
   f. mechanical engineering;
   g. civil engineering;
   h. environmental engineering;
   i. materials engineering.

Candidates may also be seconded from international organisations and national foreign services, provided they hold a university degree and have relevant professional experience compatible with the academic background required to enrol in the Degree Programme in Chemical Engineering for Industrial Sustainability (LM22).

Language requirement:

Good Knowledge of the English language, at least B2 level of the Common European Framework of Reference for languages attested as follows:

i. IELTS: overall score 6 or higher;
ii. TOEFL: minimum total score 90;
iii. Cambridge ESOL: FCE or higher;
iv. Declaration from the University where the Bachelor's or Master's degree was achieved stating the official language of the course was English;
v. Declaration to be a citizen of an English speaking country.

Max Number of non EU students: 20

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Master's Degree – A.A. 2020-21

Automation Engineering and Control of Complex Systems (*Italian Code* LM-25)

Curricular and educational background requirements:

To be admitted to this course of study applicants are expected to meet specific curricular requirements and have the knowledge and abilities as follows.

a) A bachelor's or higher degree awarded abroad. Undergraduates candidates are also accepted providing that they will obtain their bachelor's degree before 15th July 2020.
b) An adequate knowledge in basic subjects as mathematical and numerical analysis, linear algebra and geometry, probability and statistics, physics, chemistry.
c) An adequate knowledge in the subjects specific of the degree course as informatics, control and systems theory, electronics, information processing.
d) The ability to use methodological and operational aspects of mathematics and other basic sciences to describe engineering problems.

Language requirements:

Good Knowledge of the English language, at least B1 level of the Common European Framework of Reference for Languages attested as follows:

i. IELTS: overall score 5 or higher;
ii. TOEFL: minimum total score 60;
iii. Cambridge ESOL: Preliminary (PET); Business Preliminary (BEC) or higher;
iv. declaration from the University where the Bachelor's or Master's degree was achieved stating the official language of the course was English;
v. declaration to be a citizen of an English-speaking country.

Successful applicants come primarily from an academic background in the following Engineering fields: Automation, Electronics, Computer Science, Telecommunication, Electrical, Mechanical and Industrial.

The level of the basic and subject specific knowledge will be evaluated by the student transcript in terms of ECTS acquired and course marks. The methodological abilities will be evaluated by the course projects carried out during the student career or equivalent experiences.

Max Number of non-EU students: 20

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Master's Degree – A.A. 2020-21

Electrical Engineering (Italian Code LM-28)

Curricular and educational background requirements

To be admitted to this course of study applicants are expected to meet specific curricular requirements and have the knowledge and abilities as follows:

a) A bachelor's or higher degree awarded abroad. Undergraduates candidates are also accepted providing that they will obtain their bachelor's degree before 15 July 2020;

b) Successful applicants come primarily from an academic background in:

- Electrical Engineering;
- Electronics Engineering;
- Industrial Engineering.

Candidates may also be seconded from international organisations and national foreign services, provided they hold a university degree and have relevant professional experience.

c) an adequate knowledge in basic subjects as mathematical and numerical analysis, linear algebra and geometry, physics, chemistry, informatics, control and systems theory.

Language requirement:

Good Knowledge of the English language, at least B1 level of the Common European Framework of Reference for languages attested as follows:

i. IELTS: overall score 5 or higher;
ii. TOEFL: minimum total score 60;
iii. Cambridge ESOL: Preliminary (PET); Business Preliminary (BEC) or higher;
iv. Declaration from the University where the Bachelor's or Master's degree was achieved stating the official language of the course was English;
v. Declaration to be a citizen of an English speaking country.

Max Number of non EU students: 20

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Master's Degree – A.A. 2020-21

Electronic Engineering (*Italian Code* LM-29)

Curricular and educational background requirements:

To be admitted to this course of study applicants are expected to meet specific curricular and educational requirements as follows:

a) A bachelor's or higher degree awarded abroad. Undergraduates candidates are also accepted providing that they will obtain their bachelor's degree before 15 July 2020.

b) An adequate knowledge in basic subjects such as mathematical and numerical analysis, linear algebra and geometry, probability and statistics, physics and chemistry.

c) An adequate knowledge in the subjects specific of the course such as analog and digital electronics, circuit theory, telecommunications, control and systems theory, informatics.

d) The ability to use methodological and operational aspects of mathematics and other basic sciences to describe engineering problems.

Language requirement:

Good Knowledge of the English language, at least B1 level of the Common European Framework of Reference for languages attested as follows:

i. IELTS: overall score 5 or higher;
ii. TOEFL: minimum total score 60;
iii. Cambridge ESOL: Preliminary (PET); Business Preliminary (BEC) or higher;
iv. declaration from the University where the Bachelor's or Master's degree was achieved stating the official language of the course was English;
v. declaration to be a citizen of an English-speaking country.

Successful candidates have mainly an academic background in the following engineering fields: Electronic Engineering, Telecommunication Engineering, Automation Engineering, Electrical Engineering, Computer Engineering and Computer Science.

Max Number of non-EU students: 20

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Master's Degree – A.A. 2020-21

Global Politics and Euro-Mediterranean Relations (Italian Code LM-62)

Curricular and educational background requirements

To be admitted to this course of study applicants are expected to meet specific curricular requirements and have the knowledge and abilities as follows:

a) A bachelor's or higher degree awarded abroad. Undergraduates candidates are also accepted providing that they will obtain their bachelor's degree before 30 June 2019;
b) Successful applicants come primarily from an academic background in:
    a. Political Science, EU studies, International Relations, Diplomatic Studies, Area Studies, Development studies;
    b. Cultural and social studies, Humanities and history, Communication studies, Modern Languages;
    c. International and/or EU law, international and /or EU economics.

    Candidates that hold a University degree with different academic background may also be considered if they are seconded from international organisations and national foreign services, and have relevant professional experience.

Language requirement:

a. Good Knowledge of the English language, at least B2 level of the Common European Framework of Reference for languages attested as follows:
    i. IELTS: overall score 6 or higher;
    ii. TOEFL: minimum total score 90;
    iii. Cambridge ESOL: FCE or higher;
    iv. Declaration from the University where the Bachelor's or Master's degree was achieved stating the official language of the course was English;
    v. Declaration to be a citizen of an English speaking country.

Max Number of non EU students: 40

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Master's Degree – A.A. 2020-21

Data Science for Management (*Italian Code* LM-91)

Curricular and educational background requirements:

To be admitted to this course of study applicants are expected to meet the following specific curricular requirements and have the knowledge and abilities as follows:

a) a bachelor's or higher degree awarded abroad. Undergraduates candidates are also accepted providing that they will obtain their bachelor's degree before 15 July 2020;

b) an academic background in one of the following fields:
   a. Computer Science
   b. Economics and management
   c. Engineering
   d. Mathematics
   e. Physics
   f. Statistics

c) An adequate knowledge in the following subjects as computer science, mathematics, probability and statistics.

Language requirement:

Good Knowledge of the English language, at least B2 level of the Common European Framework of Reference for languages attested as follows:

i. IELTS: overall score 5 or higher;
ii. TOEFL: minimum total score 50;
iii. Cambridge: First certificate in English (FCE); or higher;
iv. declaration from the University where the Bachelor's or Master's degree was achieved stating the official language of the course was English;
v. declaration to be a citizen of an English-speaking country.

The level of the subject knowledge will be evaluated by the student transcript in terms of ECTS acquired and course marks.

Max Number of non-EU students: 15