

Call for admission

Academic year 2021-2022

School of Engineering

English-taught Master's degree programme

'Mathematical Engineering – Ingegneria Matematica'

Curriculum Mathematical Modelling for Engineering and Science

Class LM-44 - Mathematical modelling for engineering

Selection for candidates with a qualification obtained abroad

'Mathematical Engineering – Ingegneria Matematica'

Curriculum Financial Engineering

Class LM-44 - Mathematical modelling for engineering

**Selection for candidates with a qualification obtained abroad – only
non-EU citizens residing abroad**

*NOTE: Click on any item of the table of contents to browse through the document.
However, it is strongly recommended to read all the information carefully.*

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1. PLACES AVAILABLE AND ELIGIBILITY CRITERIA FOR SELECTION

To be eligible for selection,¹ applicants must:

1. have gained or gain, **by 31 July 2021**, a qualification obtained abroad and recognised as equivalent to a Bachelor's degree or a three-year university degree, pursuant to existing regulations;
2. meet specific curricular requirements and have an adequate educational background, pursuant to art. 6, paragraph 2 of Italian M.D. no. 270/2004, as detailed in the Master's degree programme factsheet in annex 1;
3. have applied on-line, as per section 2 of this call for admission, by the deadline set.

Information on places available and criteria for minimum curricular requirements and individual educational background assessment is detailed in the degree programme factsheet in annex 1.

Further information on how to have previous studies recognised or the degree programme shortened is available at <https://www.unipd.it/en/credit-recognition>.

Students with disabilities or Specific Learning Disabilities (SLD) may contact the University **Student Service Office - Inclusion** (<https://www.unipd.it/en/inclusion-reception-and-admissions-tests>) to report any specific need they may have or to get information on economic benefits, and services available during class attendance.

2. HOW TO SUBMIT THE APPLICATION AND UPLOAD DOCUMENTS

To access the portal, applicants are required to create an account at <https://apply.unipd.it/applicant/register>

By entering the email address, a PIN code is generated. After receiving a confirmation email at the address provided, applicants will need to enter the PIN code to continue with the registration procedure.

Applicants can choose up to three degree programmes, in order of preference, from among those listed on the portal. After selecting the degree programmes, applicants must click on 'Apply now', fill in all the required fields, upload annexes, if any, and click on 'Submit' to finalise the application procedure.

Applicants must submit their application by logging in to their personal area on apply.unipd.it (Sign-in) **from 7 January 2021 to 11.59 pm - local time - (GMT +1) on 7 March 2021**.

To allow checks on applicants' qualification and assessment of their individual educational background, the following documents must be uploaded during the procedure:

- full curriculum vitae et studiorum in English;
- motivation letter in English;

¹ The activation of the first year of degree programmes is subject to degree programmes' accreditation, as per Italian M.D. 6/2019 ('*Autovalutazione, valutazione, accreditamento iniziale e periodico delle sedi e dei corsi di studio*'), and to a minimum number of pre-enrolment applications. Therefore, should the degree programme not be accredited or should the number of pre-enrolment applications be less than 15 (5 per curriculum), the degree programme will not be activated. Information on degree programmes' activation is available at <http://www.unipd.it>.

- transcript of records and translation into either Italian or English, with ECTS statistics preferably included; the transcript may be replaced with the Diploma Supplement;
- degree diploma (for graduates) or certificate of enrolment in the last year, along with a translation into either Italian or English;
- evidence of B2 level proficiency in English;
- copy of applicants' identity document: ID card for EU citizens, or passport for non-EU citizens;
- only for non-EU citizens residing in Italy: copy of the residence permit.

Applicants are recommended to carefully read the degree programme factsheet through (Annex1).

Applicants are also required to pay a pre-enrolment fee of € 30.00. Applicants will receive, through the portal apply.unipd.it, the link and instructions on how to pay the fee using PagoPA.

The following documents are optional at application stage but compulsory for enrolment:

- Diploma Supplement (only for qualifications issued in a country participating in the Bologna Process), or CIMEA Statement of Comparability, or Declaration of Value;
- Legalisation of both the qualification and the transcript of records, or CIMEA Statement of Verification.

For any enquiry, applicants can email the Admissions and Welcome Unit - Global Engagement Office at international.admission@unipd.it.

3. ASSESSMENT RESULTS

Criteria for assessment of requirements and for ranking lists are outlined in the factsheet of the Master's degree programme in annex 1.

In the case of the curriculum *Mathematical Modelling for Engineering and Science*, unlimited access with requirements, applicants will be notified of the assessment via the application platform.

In the case of the curriculum *Financial Engineering*, limited access, the ranking list of non-EU candidates residing abroad will be published at <http://www.unipd.it/en/assessment-results> starting from **8 April 2021**.

Candidates are admitted conditionally pending verification of the qualifications stated, the awarding of the qualification - if not yet obtained- and submission of the documents listed at <https://www.unipd.it/en/study-english-how-enrol>.

The ranking lists will be published along with the list of students eligible for scholarships and students exempt from tuition fees, as per section 4. Instructions on how to accept the place and the economic benefits, if awarded, will also be published.

To allow classes to start smoothly, all selected students coming from abroad must enrol at the University of Padua and have all the documents required for admission by 31 October 2021.

4. SCHOLARSHIPS AND ECONOMIC BENEFITS

Within the programme **Padua International Excellence Scholarships**, the University of Padua offers scholarships to highly qualified international students who hold a qualification obtained abroad and wish to enrol in an English-taught degree programme.

The **Call for applications**, including detailed information on scholarships, eligibility requirements and acceptance procedure, will be published at <http://www.unipd.it/en/scholarships>. Neither a separate application form nor additional documents are required.

Information on **other scholarships** provided by the University of Padua or other organisations is available at <http://www.unipd.it/en/scholarships>.

The University of Padua also offers up to **100 tuition fee-waivers** to deserving international students who hold a qualification obtained abroad and wish to enrol in an English-taught degree programme. Further information is available at <http://www.unipd.it/en/fee-waivers>. Neither a separate application form nor additional documents are required.

Information on **other types of fee-waivers** offered by the University of Padua is available at <http://www.unipd.it/en/fee-waivers>.

The University of Padua also provides students with a top-level educational path within the **Galilean School of Higher Education**. In addition to regular students, the Galilean School of Higher Education also **reserves up to 4 (four) places for international highly motivated students** who enrol in a degree programme of the University of Padua. The selected students will attend courses and seminars reserved for Galilean students and will be offered benefits such as meals and accommodation free of charge and specific scholarships. The Call for admission, including detailed information on admission requirements, academic rights and duties, the application procedure and deadline, will be published at www.unipd-scuolagalileiana.it/en/content/call-international-students

For further information on the **Galilean School of Higher Education** visit the web page www.unipd-scuolagalileiana.it/en/.

Padua, 21/12/2021

The Rector

Prof. Rosario Rizzuto

digitally signed as per Italian legislative decree no. 82/2005

ANNEX 1 – DEGREE PROGRAMME FACTSHEET

SCHOOL OF ENGINEERING ‘MATHEMATICAL ENGINEERING – INGEGNERIA MATEMATICA’ <u>Selection reserved for applicants with a qualification obtained abroad</u>
<p style="text-align: center;">PLACES AVAILABLE</p> <ul style="list-style-type: none"> □ curriculum Mathematical Modelling for Engineering and Science: unlimited access with admission requirements for EU and non-EU citizens legally residing in Italy and with a qualification obtained abroad; □ curriculum ‘Mathematical Modelling for Engineering and Science’: no. 12 places available for non-EU citizens residing abroad; of these, 1 place is reserved for Chinese citizens joining the Marco Polo Programme; □ curriculum ‘Financial Engineering’, the second year is to be entirely attended abroad (France - Paris): no. 3 places available for non-EU citizens residing abroad. <p>EU and non-EU candidates residing in Italy with a qualification obtained abroad and interested in the curriculum Financial Engineering may participate in the next selection by following the instructions in the relevant Call for admission, which will be published at https://www.unipd.it/avvisi-ammissione-corsi.</p>
<p style="text-align: center;">CURRICULAR REQUIREMENTS AND ADEQUATE INDIVIDUAL EDUCATIONAL BACKGROUND</p> <p>The applicants who wish to enrol in the Master's degree programme in Mathematical Engineering - Ingegneria Matematica are expected to meet specific curricular requirements and have specific skills and competencies:</p> <ul style="list-style-type: none"> - adequate knowledge of basic subjects such as Mathematical analysis and Calculus, Linear algebra and Geometry, Physics and Statistics; ability to use common word processing, data analysis, and scientific calculus software; ability to use the methodological-operative aspects of Mathematics and other the basic sciences useful for the interpretation and description of problems concerning Engineering, Physics and/or Financial engineering, as well as setting and managing experiments, analysing and understanding the results; understand the effect of engineering solutions in physical, environmental and/or financial fields. <p>To access the degree programme applicants are also expected to have:</p> <ul style="list-style-type: none"> - an entry qualification's final graduation mark of at least 84/110, or equivalent; - a level B2 in English. <p>N.B. In case of dual citizenship, the Italian one shall prevail for the sole purpose of selection (Law 31 May 1995, no. 218 art.19).</p>
<p style="text-align: center;">CRITERIA FOR THE RANKING LIST - non-EU citizens residing abroad curriculum ‘Financial Engineering’</p> <p>Once the fulfilment of minimum requirements for enrolment has been ascertained, the committee shall assess the documents provided by candidates and give them an overall score according to the criteria below:</p> <ul style="list-style-type: none"> - final graduation mark; - time taken to graduate; - examinations grades. <p>Should more candidates achieve the same score, the youngest candidate shall be given priority.</p>
<p>Further information on the degree programme is available at www.unipd.it/en/mathematical-engineering For general enquiries on the degree programme, please contact didattica@dicea.unipd.it</p>