



SCHOOL OF ENGINEERING

CALL FOR ADMISSION A.Y. 2022/23

Master's degree programme

MATHEMATICAL ENGINEERING

Curriculum *“Mathematical Modelling for Engineering and Science”*

Selection for candidates with a qualification obtained abroad

Curriculum *“Financial Engineering”*

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

NB: The clickable table of contents links to the sections of the document to facilitate navigation. However, applicants are recommended to carefully read all the information contained in the call for admission.

CONTENTS

1. GENERAL INFORMATION	3
1.1 PLACES AVAILABLE FOR ADMISSIONS TO THE FIRST YEAR	3
1.2 ADMISSION REQUIREMENTS	3
1.3 OTHER INFORMATION - INCLUSION, PART-TIME STUDY, AND REDUCTION IN THE DURATION OF THE DEGREE PROGRAMME	4
2. HOW TO SUBMIT THE APPLICATION AND UPLOAD DOCUMENTS	4
3. CRITERIA FOR THE RANKING LIST	5
4. PUBLICATION OF THE RANKING LIST AND ACCEPTANCE OF THE PLACE	6
5. TUITION FEES AND BENEFITS	6
6. PERSON APPOINTED TO OVERSEE THE PROCEDURE, PERSONAL DATA, NOTES AND WARNINGS.....	6

1. GENERAL INFORMATION

General information on the English-taught Master's degree programme in Mathematical Engineering¹ is available on the following web page www.unipd.it/en/mathematical-engineering. The degree programme is broken down into 2 curricula: "Mathematical Modelling for Engineering and Science" and "Financial Engineering".

The second year of the latter curriculum is to be entirely spent abroad (France - Paris). For information on the degree programme's syllabus and structure: didattica@dicea.unipd.it.

As regards admission to the curriculum in "Mathematical Modelling for Engineering and Science", information on the procedures and the deadlines for participation in the selection is available on the following web page www.unipd.it/en/how-apply.

1.1 Places available for admissions to the first year

Degree programme class Italian M.D. 270/04	Master's degree programme in Mathematical Engineering	Campus	Places for EU* and non-EU citizens legally residing in Italy and with a qualification obtained abroad	Places for non-EU citizens residing abroad and with a qualification obtained abroad
LM-9	Curriculum Mathematical Modelling for Engineering and Science	Padua	Unlimited access	12 - of which 1 is reserved for students joining the Marco Polo project
LM-9	Curriculum Financial Engineering	Padua	9 places - not available in the current selection**	3

*of the European Union

** The applicants who fall into this category and wish to access the curriculum in "Financial Engineering" must participate in the next selection available. The procedures and deadlines will be published in the new call for admission, as of April 2022.

Important: In case of dual citizenship, the Italian one shall prevail (art. 19 of Law no. 218, dated 31 May 1995). Applicants with dual citizenship (non-EU and Italian citizenship) shall participate in the selection reserved for EU and EU-equated citizens.

1.2 Admission requirements

To be admitted to the first year of the programme, applicants must:

- a) gain a Bachelor's degree obtained abroad and recognised as suitable for admission to higher education, in accordance with the existing regulations (<https://www.unipd.it/en/how-apply>) **by 31 July 2022**. Moreover, the entry qualification must state a final graduation mark equal to or higher than 84/110, or equivalent;
- b) have acquired competence in:
 - core subjects: Mathematical analysis and Calculus, Linear algebra and Geometry, Physics and Statistics;

¹ The activation of the first year of degree programmes is subject to degree programmes' accreditation, as per Italian M.D. 1154/2021 ('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>.

- using common word-processing, data analysis, and scientific calculus software;
 - using methodological-operative aspects of Mathematics and other the core sciences useful for the interpretation and description of problems concerning Engineering, Physics and/or Financial engineering, as well as devising and conducting experiments by analysing and interpreting the results, and assessing the effect of engineering solutions on physical, environmental and/or financial fields.
- c) gain an English language certificate attesting at least a **B2 level** (CEFR) **by 31 July 2022**, except where exemption is granted. The list of accepted language certificates, minimum scores, and exemptions is available on the following web page <https://www.unipd.it/en/language-requirement-admission-degree-programmes>.
- d) apply for selection by submitting the documents required for assessing the qualification and drawing up the ranking list ([section 2](#)) **from 7 January 2022 until 11.59 pm - local time - (GMT +1) on 7 March 2022**.

1.3 Other information - Inclusion, part-time study, and reduction in the duration of the degree programme

The students with disabilities or Specific Learning Disabilities (SLD) may contact the University Student Service Office - Inclusion (inclusione.studenti@unipd.it) to report any specific need they may have or to get information on economic benefits, and services available during class attendance (<https://www.unipd.it/en/resources-and-supports-students-disability-or-learning-disabilities>).

It is possible to enrol part time due to work or family reasons or health conditions. Further information is available on the following web page <https://www.unipd.it/en/funding-and-fees>.

Information on prior learning recognition and possible reduction in the duration of the degree programme is available on the following web page <https://www.unipd.it/en/credit-recognition>, which will be updated in June.

2. HOW TO SUBMIT THE APPLICATION AND UPLOAD DOCUMENTS

Applications must be submitted by logging in to the personal area of the portal apply.unipd.it

from 7 January 2022 until 11.59 pm - local time - (GMT +1) on 7 March 2022.

If not already registered, applicants are required to enter their e-mail address at <https://apply.unipd.it/applicant/register>. A PIN code will be generated, and a confirmation email will be sent to the address provided to complete registration.

Important: Applicants will be notified of any deadlines and instructions concerning access to the degree programme by means of the personal e-mail address entered into the Uniweb profile. Such emails are considered official notifications.

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'

and fill in all the required fields. The documents to be uploaded during the application stage are listed as follows:

a) personal data section:

- copy of an identity document: ID card for EU citizens or passport for non-EU citizens;
- only for non-EU citizens residing in Italy: a copy of the residence permit.

b) for the curricular requirements assessment and the ranking list:

- the degree diploma (for graduates) or certificate of enrolment in the last year, along with a translation into either Italian or English;
 - Transcript of records and translation into either Italian or English, including marks, grading system and, preferably, ECTS statistics; alternatively, the Diploma Supplement;
 - language certificate attesting a **B2 level** (CEFR) in English, or higher, or exemption papers. The list of accepted language certificates, minimum scores, and exemptions is available on the following web page <https://www.unipd.it/en/language-requirement-admission-degree-programmes>;
 - curriculum vitae/studiorum in English;
 - motivation letter in English;
- c) the following documents are optional at application stage but **compulsory for enrolment, and in any case required by 31 October 2022 at the latest**:
- CIMEA Statement of Comparability or Declaration of Value;
 - Legalisation of the qualification, or CIMEA Statement of Verification.

Applicants are also required to pay a pre-enrolment fee of **€ 30.00**. The link and instructions on how to pay the fee using PagoPA will be sent by means of the portal <https://apply.unipd.it>.

After the **upload of the required documents and payment of the fee**, applicants must click on '**Submit**' to submit the application.

Contact details and support: international.admission@unipd.it

3. CRITERIA FOR THE RANKING LIST

Once the fulfillment of the curricular requirements set forth by [subsection 1.2](#) has been ascertained, the committee will assess each candidate's overall academic career and record, focusing on the final graduation mark, the marks of the examinations sat, and the time taken to obtain the degree.

Such assessment will result in the final score necessary for drawing up the ranking list of non-EU citizens residing abroad; candidates will be ranked according to the score given. In case of a tie, priority will be given to the youngest candidate.

Important: as regards admission to the curriculum in "Mathematical Modelling for Engineering and Science", information on the procedures and the deadlines for participation in the selection is available on the following web page www.unipd.it/en/how-apply.

4. PUBLICATION OF THE RANKING LIST AND ACCEPTANCE OF THE PLACE

Candidates who participate in the selection for the curriculum in "Mathematical Modelling for Engineering and Science" will receive the assessment result and the instructions to finalise enrolment through the apply.unipd.it portal.

The following will be published at www.unipd.it/en/assessment-results as of **11 April 2022**:

- ranking list for the curriculum in "Financial Engineering";
- results of the selection for: *Padua International Excellence scholarships*, Departmental scholarships and tuition fee-waivers for international students ([section 5](#))
- instructions on how to secure the place.

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

The candidates who fail to meet the deadlines for obtaining the qualifications and submitting the relevant documents ([subsection 1.2](#)) will be removed from the ranking list.

Regular updates on the latest reallocation of places will be published at www.unipd.it/en/assessment-results.

Important: *the deadlines for the acceptance of the place and for the payment of the first instalment are binding; failure to meet them is tantamount to forfeiture of the position on the ranking list.*

5. TUITION FEES AND BENEFITS

The University of Padua offers several scholarships and tuition fee-waivers to highly qualified international students who hold a qualification obtained abroad and wish to enrol in an English-taught degree programme.

Further information on the different options on offer is available on the following web pages:

www.unipd.it/en/scholarships

www.unipd.it/en/fee-waivers

www.unipd-scuolagalileiana.it/en/content/call-international-students

The information about the tuition fees due for enrolment available on the web page <https://www.unipd.it/en/tuition-fees> will be updated before the beginning of the a.y. 2022/23.

6. PERSON APPOINTED TO OVERSEE THE PROCEDURE, PERSONAL DATA, NOTES AND WARNINGS

Person appointed to oversee the selection administrative procedure and the procedure for accessing documents: Head of the Student Office.

Further information on privacy and existing regulations concerning admissions is available at the following web pages:

www.unipd.it/avvisi-ammissione-corsi

<https://www.unipd.it/en/privacy>.

For anything not specified within this call for admission, reference shall be made to the existing national legislation.

Padua, 22/12/2021

THE RECTOR
Prof.ssa Daniela Mapelli
digitally signed as per Italian legislative decree no. 82/2005