CALL FOR ADMISSION A.Y. 2021/22
Selection for EU and non-EU citizens residing in Italy
Master’s Degree programme in

MATHEMATICAL ENGINEERING
PLEASE NOTE: The table of contents is clickable and links to the paragraphs in the text to facilitate navigation. However, we recommend that you pay attention to the information contained in the entire call for applications.

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1. GENERAL INFORMATION

Enrolments for the academic year 2021-2022\(^1\) for the English-language Mathematical Engineering degree programme at the School of Engineering are open. The nominal duration of the programme is 2 years and involves the acquisition of 120 University Educational Credits (CFU), at the end of which the Master's Degree in Mathematical Engineering is awarded. Information on active courses and the Teaching Regulations are available at en.didattica.unipd.it, by selecting "School of Engineering" and the Degree programme of interest.

1.1 Curricula, venue and available places

The course is broken down into two study tracks:

- Mathematical Modelling for Engineering and Science - unlimited with requirements
- Financial Engineering – limited access admission

A total number of places available for admission to the first year of the degree programme amounts to:

- no. 12 places for non-European Union (hereafter non-EU) citizens\(^2\) residing abroad, of which 1 place is reserved for citizens of the "Marco Polo" project for the study track in Mathematical Modelling for Engineering and Science curriculum, already announced in the call for applications for spring selection
- no. 10 places for EU and non-EU citizens legally residing in Italy for the study track in Financial Engineering
- no. 3 places for non-EU citizens residing abroad for the study track in Financial Engineering, already announced in the call for applications for spring selection

Therefore, the following enrolments are open in this selection:

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\(^1\)The first year of degree programmes will be activated upon degree programmes' accreditation, as per Italian M.D. 6/2019. Information on degree programme’s activation is available at http://www.unipd.it

\(^2\)From now on, terms relating to persons are given in the masculine form for the sole purpose of ensuring better readability of the text but refer indiscriminately to all genders.
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<th>Master's Degree</th>
<th>MASTER'S DEGREE COURSE</th>
<th>Venue</th>
<th>CURRICULUM</th>
<th>Places for EU citizens or equivalent</th>
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<td>Class M.D. 270/2004</td>
<td>Mathematical Engineering</td>
<td>Padova</td>
<td>Mathematical Modelling for Engineering and Science</td>
<td>open access with requirements</td>
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<tr>
<td>LM-44</td>
<td>Financial Engineering</td>
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<td>Only for candidates with a degree obtained in Italy</td>
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<td>with a degree obtained in Italy or abroad</td>
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### 1.2 Admission requirements

In order to be admitted, candidates must:

1) have obtained a bachelor’s degree, a single-cycle master’s degree, a three-year university diploma or other qualification obtained in Italy and recognised as suitable on the basis of the regulations in force (https://www.unipd.it/en/how-apply), **by 11 October 2021** or during the year (only for the study track in Mathematical Modelling for Engineering and Science), **by 31 December 2021**;

2) be in possession of specific minimum curricular requirements and knowledge, skills and abilities, verified as indicated in the form attached to this call. It is advisable to consult the complete description of these requirements in the Syllabus of the chosen Course, which can be found in Art. 2, paragraph 1, of the relative Didactic Regulations. The complete Syllabus of the Degree Programme and the related Didactic Regulations are available at https://en.didattica.unipd.it/off/2021/LM/IN/IN2551.

3) **pre-enrol** from 19 July until 12 pm on 30 September 2021 (point 2);

4) submit an application for assessment of the minimum curriculum requirements from 19 July until 12 pm on 11 October 2021 (point 3);

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From now on, terms relating to persons are given in the masculine form for the sole purpose of ensuring better readability of the text, but refer indiscriminately to all genders.
5) for the Financial Engineering curriculum only, place in a favourable position in the ranking;

6) enrol or apply for a change of course, incoming transfer from 19 July (or from the publication of the ranking list, point 4) by 12 pm on 25 October 2021 (point 5). Only for the study track in Mathematical Modelling for Engineering and Science, candidates graduating by 31 December 2021 may take advantage of an additional enrolment period, from 4 November 2021 until 12 pm on 27 January 2022.

Failure to comply with the deadlines and all the procedures described in this point will be tantamount to withdrawal of enrolment.

1.3 Part-time enrolment
You can apply as a part-time student for family, work or health reasons. More information is available at www.unipd.it/studiare-tempo-parziale.

2. REGISTRATION AND PRE-ENROLMENT ON THE UNIWEB PORTAL

2.1 Registration on the Uniweb portal
If you are accessing Uniweb for the first time, you must create a new user account by clicking on www.uniweb.unipd.it and then on Menu → Registration. At the end of the registration process you will receive by e-mail your username and activation code with which you can access the page https://uniweb.unipd.it/password/index.php/en/utenti/identifica/azione/a, where you will be asked to set three security questions and a password. With the username obtained and the password set you can access your personal area.
If you have any problems with access, please contact the University Call Centre (www.unipd.it/callcentre).

2.2 Pre-enrolment
Pre-enrolment can be completed online

from 19 July by 12 pm on 30 September 2021

To pre-enrol you must:
1. log in with your credentials at www.uniweb.unipd.it, click on Home → Pre-enrolment for limited places → Course Type “Second Cycle degree” and choose the study track of interest (point 1.1).

2. enter the degree title to be used to access the programme, if not already present in the system. Those enrolled at the University of Padova who are about to graduate will be able to complete their pre-enrolment only after they have submitted their graduation application online; if they have not yet submitted their application, they must contact the Enrolment Office: www.unipd.it/immatricolazioni.

3. at the same time, pay the pre-enrolment fee of €30.00 using the PagoPA procedure (instructions at page www.unipd.it/en/pagopa).

Contacts and assistance: www.unipd.it/immatricolazioni and www.unipd.it/callcentre

3. ASSESSMENT OF MINIMUM CURRICULAR REQUIREMENTS AND RECOGNITION OF CREDITS

In order to be admitted to the chosen degree programme, it is necessary to have specific minimum curricular requirements and knowledge, skills and abilities, verified as indicated in the relevant form attached to this call.

3.1 Assessment of minimum curricular requirements

The procedure is available only after completing the pre-enrolment process (point 2):

from 19 July until 12:00 pm on 11 October 2021.

The application must be submitted at www.uniweb.unipd.it/valutazionetitoli, applicants logging in with their Uniweb credentials; detailed instructions for submitting the application are available within the procedure. Depending on the type of qualification used for access, the following will be requested:

Bachelor’s degree or single-cycle degree (Regulations DM 509/1999 or DM270/2004)
obtained at the University of Padova obtained at other universities

• confirm what is displayed;
• insert the exams taken in other careers considered useful for admission or other certifications required by the programme.

Degree from previous systems (four-year, five-year, university diploma):

follow the instructions that will be published at the same time as the opening of pre-enrolment at www.unipd.it/domanda-valutazione

The result of the assessment, "eligible" or "not eligible", will be visible in the pre-enrolment in the Uniweb reserved area.

3.2 Recognition of credits for career shortening
It is possible to request the recognition of activities and exams taken (also abroad), as single courses or in previous university careers, so that it is not necessary to take them again during the degree course.
Instructions on how to apply for recognition will be published at the same time as the opening of pre-enrolment at www.unipd.it/domanda-valutazione

4. ADMISSION RANKING (Financial Engineering Curriculum)

For the study track in Financial Engineering, if the eligible candidates exceed the number of places available, a ranking list of merit of graduates will be drawn up and published at http://www.unipd.it/graduatorie-ammissione and https://www.unipd.it/en/admission-results on 19 October 2021, based on the following criteria:
- final graduation mark;
- time (months) taken to graduate;
- number of CFU with hons;
- number of examinations with a grade of 30/30.
5. ENROLMENT, CHANGE OF DEGREE PROGRAMME, TRANSFER FROM ANOTHER UNIVERSITY

5.1 Deadlines, procedures and useful links for graduates by 11 october 2021

In order to enrol, change degree programme or transfer from another university it is necessary to:

- pre-enrol (point 2);
- compulsorily submit the application for assessment of the minimum curricular requirements (point 3) and obtain the result "eligible", visible in the pre-enrolment form in the Uniweb personal area;
- be admitted to the ranking list only for the Financial Engineering study track;
- verify the registration of the data of the admission qualification in the Uniweb reserved area. This data will be automatically acquired for students enrolled at the University of Padova, while graduates from other universities should update such data personally, during pre-enrolment procedure under the item Qualification/Statement uploading.

Applications for enrolment, change of degree programme or transfer from another university can be submitted:

from 19 July 2021 until 12 pm on 25 October 2021

Failure to comply with the deadlines and the simultaneous payment of the first instalment is equivalent to withdrawal of enrolment on the Degree Programme.

In order to apply for enrolment, it is necessary to access www.uniweb.unipd.it and click on the tab Home → Enrolment → Course Type "Second Cycle degree". Enrolment will only be effective once it has been completed by the Enrolment Office.

Other methods of access to Master’s degree programmes are described on the following pages:

Change degree programme:
https://www.unipd.it/en/degree-programme-change

Transfer from another university:
https://www.unipd.it/en/transfer-from-italian-university
5.2 Student tuition fees and benefits
For new enrolments, the amount of the first instalment of the university tuition fee for the 2021/2022 academic year is € 189.00 (of which € 173.00 is the regional tax for the right to university study and 16.00 Euros of stamp duty). Students with a disability rating of between 66% and 100% or with certification under Law no. 104 (art. 3, paragraph 1), are granted a total exemption, which only entails the payment of stamp duty of €16.00. Further information on instalments, payments and scholarships is available at www.unipd.it/en/tuition-fees.

5.3 Additional enrolment period for graduates by 31 december 2021
Only for the study track in Mathematical Modelling for Engineering and Science, for graduates by 31 December 2021, an application for assessment of the minimum curricular requirements and an application for enrolment can be submitted following the instructions indicated in point 3 and point 4.1 respectively, respecting the following deadline for both procedures:

from 4 November 2021 until 12 pm on 27 January 2022.

Please note: degree programme change and incoming transfer procedures are not permitted during this period of further enrolment.

6. CANDIDATES WITH A FOREIGN QUALIFICATION
The selection of candidates with a foreign qualification is only open for the "Financial Engineering" study track.
Admission of students with a foreign qualification takes place in accordance with the provisions of the Ministry of University and Research, available at https://www.mur.gov.it/it - universities - foreign students, subject to passing the required tests and presenting the necessary documentation.
For any clarifications, please contact the Admissions and Welcome Sector of the Global Engagement Office, email international.admission@unipd.it.
6.1 Enrolment procedure for EU or non-EU candidates residing in Italy

Citizens of Norway, Iceland, Liechtenstein, Switzerland and the Republic of San Marino are equated as EU citizens. Non-EU candidates residing in Italy will be admitted subject to verification of their residence permit.

To take part in the selections for the “Financial Engineering” curriculum, candidates are required to:

1. carry out **pre-enrolment** in the portal [www.uniweb.unipd.it](http://www.uniweb.unipd.it) in the manner and timing indicated in this Call (**point 2**);
2. upload the documentation necessary for the **verification of the foreign qualification** and for the evaluation of qualifications for the purpose of the ranking list through the portal apply.unipd.it according to the procedures specified on the page: [https://www.unipd.it/en/studying-padova/admission/how-apply/study-english-how-apply](https://www.unipd.it/en/studying-padova/admission/how-apply/study-english-how-apply).

The application must be sent **from 19 July until 12:00 pm local time (GMT + 1) on 30 September 2021**.

Failure to submit the documentation, the submission of incomplete documentation or an inadequate qualification will not allow the offices to complete the enrolment process.

Candidates are exempt from the Italian language knowledge test pursuant to legislative decree no. 286/98 art. 39 paragraph 5 and subsequent modifications and integrations.

In order to guarantee a smooth start to teaching, all international students must be duly enrolled with all the necessary documents by 31 October 2021.

Admitted candidates who intend to enrol must:

1. submit the online enrolment application in the portal [www.uniweb.unipd.it](http://www.uniweb.unipd.it) and make the payment of the first instalment in the manner and by the deadline indicated in this Call (**point 5**);
2. present the original documentation to the Admissions and Welcome unit of the Global Engagement Office, in accordance with the procedures that will be indicated on [https://www.unipd.it/en/study-english-how-enrol](https://www.unipd.it/en/study-english-how-enrol).
7. PERSON APPOINTED TO OVERSEE THE PROCEDURE, PRIVACY, NOTES AND WARNINGS

1) Pursuant to art. 4 of Law 241 of 7 August 1990 (New rules on administrative procedures and the right of access to administrative documents) and subsequent amendments, the person in charge of the administrative procedure for access is the President of the degree programme or the Committee in charge of the evaluation.

2) Person appointed to oversee the procedure for accessing documents: Head of the Student Careers Office, Roberta Rasa. Candidates are entitled to exercise their right of access to the acts of the competition records following the procedures set forth by Italian Presidential Decree no. 184 of 12 April 2006.

3) Simultaneous enrolment: the rules governing simultaneous enrolment can be found at www.unipd.it/avvisi-ammissione-corsi.

4) Regulations in force regarding declarations: in the case in which false or misleading declarations result from the documentation presented by the candidate, without prejudice to the sanctions provided for by the penal code and the special laws on the subject (articles 75 and 76 D.P.R. 445/2000), the candidate will automatically forfeit enrolment. The University will recover any benefits granted (e.g. scholarships) and will not proceed with any type of refund of fees paid. Finally, a false declaration will result in exposure to a claim for damages by the interested parties. Further information on privacy and, in general, on the regulations in force for admission is available at www.unipd.it/privacy and www.unipd.it/avvisi-ammissione-corsi. Any changes or additions to the content of this Call for Applications will be:

- published on the University of Padua’s Register;
- Made public on the University’s website at www.unipd.it/avvisi-ammissione-corsi.

For any matters not specified in this Call for Applications, reference shall be made to the existing legislation.

Padua, 28/04/2021

The Rector
Prof. Rosario Rizzuto
<digitally signed in accordance with leg. decree 82/2005>
8. ANNEX 1 - COURSE DESCRIPTION AND MINIMUM CURRICULUM REQUIREMENTS FOR ADMISSION

Below is the study course outline, containing information on the minimum curricular requirements for admission.

It is advisable to consult the complete description of the requirements in the Syllabus of the chosen course, which can be found in Art. 2, paragraph 1, of the relevant Teaching Regulations. The complete information sheets of the Study Courses and the related Teaching Regulations are available at https://en.didattica.unipd.it/off/2021/LM/IN/IN2551, selecting the Course of interest.

The procedures to be followed to access the courses are summarised in point 1.2 of this call.
MATHEMATICAL ENGINEERING

Curricula:
- Mathematical Modelling for Engineering and Science
- Financial Engineering

To be admitted to the degree programme, you must fulfil the requirements described in each of the following points:

1. Final degree mark used for access:

   Greater than or equal to 84/110 or equivalent

For candidates in possession of an Italian degree with a different system from those regulated by the former Ministerial Decree 509/99 or by Ministerial Decree 270/2004 or in possession of a degree obtained abroad (only for the Financial Engineering study track), verification of possession of the curricular requirements will be carried out by the Admission Committee.

2. Previous studies:

   Alternative 1: possession of a degree from any Italian university belonging to the L-7 or L-8 or L-9 or L-18 or L-30 or L-31 or L-35 class (DM 270/2004).

   Or

   Alternative 2*: possession of a degree from any Italian university belonging to any class and possession of a minimum number of CFUs, divided into the Scientific Disciplinary Sectors (SDS) indicated:

   At least 25 ECTS  MAT/02,03,05,06,07,08, FIS/01, SEC-S/01,02,03,06

* For the reading of the SDS required, consider the numbers separated by commas as follows, for example: FIS/01,02,03 should be read as FIS/01, FIS/02, FIS/03

For graduates with a high level of preparation, resulting from the knowledge and skills certified in the curriculum, coming from training courses that are not perfectly consistent with the entry requirements, a different initial entry path and/or specific admission tests may be envisaged.

3. Language skills:

   English language - receptive listening and reading skills  Level B2 or above*  

** Competence to be self-assessed on the basis of academic, work or personal experiences. It is possible, but not compulsory, to include a language certificate for the required level.

N.B. Even if the applicant meets the requirements for admission to the course of study, the Admission Committee may still provide indications for further study that are suggested in order to be able to profitably tackle the Master's Degree Programme.

Complete degree programme outline: en.didattica.unipd.it/off/2021/LM/IN/