School of Engineering

Admission notice, Academic Year 2018-2019

Second-cycle degree course in English in
Mathematical Engineering - Ingegneria Matematica
Summer Selection
Class LM- 35 – M.D. 270/2004

1. DEGREE COURSES AND PLACES AVAILABLE

Enrolments to the second-cycle degree course in Mathematical Engineering – Ingegneria Matematica taught in English are now open for the academic year 2018-2019
All course units are taught in English.

The course has 15 places for **non-EU citizens residing abroad**. **The following are still available after carrying out the early selection**:

  ➢ **6** places for the track in "**Mathematical Modelling for Engineering and Science**"
  ➢ **2** places for the track in "**Financial Engineering**", the second year of which is to be followed entirely abroad (France – Paris).

In case of **EU and non-EU citizens residing in Italy** the course offers:

  ➢ **Open access with requisites** for candidates wishing to enrol in the track in "Mathematical Modelling for Engineering";
  ➢ 7 places for the track in "**Financial Engineering**"

The normal duration of the course is 2 years at the end of which students have 120 European University Credits (ECTS) and have a second-cycle degree in Mathematical Engineering.
The full sheet on this Degree course is available at http://didattica.unipd.it/off/2018/LM/IN/IN2191 .

Applicants who can dedicate only part of their time to their studies due to family, work or health reasons can opt to study part-time. More information is available at
http://www.unipd.it/studiare-tempo-parziale .
Students with disability or specific learning disability (SLD) may contact the **Student Service Office - Inclusion** (http://www.unipd.it/accoglienza-prove-ingresso) to report any special needs they may have or to enquire about tuition fee reductions and services available for support in relation to class attendance.

2. ADMISSION REQUIREMENTS

To enrol, applicants need to:
1) have earned a degree or a three-year Italian *Diploma universitario* or a foreign qualification which the current legislation recognises as equivalent, by **12 October 2018** as per the procedures outlined in section 4.1 and, only in case of qualifications earned in Italy, by **31 December 2018** (for current year graduates) as per the procedures outlined in section 4.2;
2) meet specific curricular requirements (see annex 1) and which will be checked by filling in the online pre-enrolment application form (see section 3.2) and the minimum curricular requirement assessment application (see section 3.3).

3. REGISTRATION, PRE-ENROLMENT AND ASSESSMENT OF MINIMUM CURRICULAR REQUIREMENTS

3.1 Registration
To log on to the www.uniweb.unipd.it portal, candidates with no credentials first need to register by going to https://uniweb.unipd.it/AddressBook/ABStartProcessoRegAction.do

At the end of the registration process each candidate will be emailed a username and an activation code. The candidate will then need to go to https://uniweb.unipd.it/password/index.php/it/utenti/identifica/azione/a , choose three security questions and set a password.
The username and password will then need to be used to log on to and access the registered area of the https://uniweb.unipd.it/Home.do portal.

3.2 Pre-enrolment application

1) pre-enrolment application deadline: the application must be filled in **by 12.00 of 28 September 2018**. After the deadline the link will be deactivated and it won't be possible to submit any other applications.
2) Pre-enrolment process: candidates need to login to the following site https://uniweb.unipd.it.
After logging in, candidates need to click on *Home* → *Pre-enrolment for unlimited places* → *Course Type: 'Second cycle degree'* → *Second-cycle degree taught in English, Mathematical Engineering.*
During the process candidates will be asked to **select the degree track of their choice** and to add the degree qualification to be used to select the desired course, if not already present in the system. Please note that final-year students from the University of Padova will be able to complete the pre-enrolment process only after they have completed the online application required to graduate.
3) Pre-enrolment fee: After final confirmation of the application, candidates need to print the summary and pay the **€ 30.00** pre-enrolment fee through the PagoPA system (instructions available at http://www.unipd.it/modalit-pagamento-pagopa) or by using the MAV payment form (at any Italian bank).
4) Contacts: if candidates encounter any difficulties during the online process, they may write an email to immatricolazioni.studenti@unipd.it or telephone the University Call Centre from Monday to Friday from 9.00 to 17.00 at **049/8273131.**
The service may be temporarily unavailable during maintenance operations.
5) IT kiosks: all information on the IT kiosks available to applicants who require help with the enrolment process will be published at www.unipd.it/ufficio-immatricolazioni .

3.3 Assessment of minimum curricular requirements

After completing the pre-enrolment process, candidates will need to finalize their application by doing **the mandatory assessment of minimum curricular requirements**; more specifically, candidates who have or are about to get their:

- a) **First-cycle or single cycle degree (M.D. 509/99 or 270/04) must** complete the online self-certification procedure available at www.uniweb.unipd.it/valutazionetitoli , using the same credentials used for Uniweb, **from 18 June to 18.00 of 1 October 2018.** Final-year students/graduates from **the University of Padova** are only required to confirm what is displayed and add any other activities or courses done in other universities. Final-year students/graduates from **other universities** must add all exams taken for their degree and during other university careers deemed useful to be admitted.
If all elements for the assessment are provided, the procedure will show an eligible or non-eligible result which will also appear in the reserved pre-enrolment area on Uniweb.
Please read carefully the detailed instructions provided during the process.

- b) **degree from older university systems (4 or 5-year system, Diploma universitario) or foreign degree**: applicants must fill in the pdf form available at http://www.unipd.it/domanda-valutazione to request assessment of the minimum curricular requirements. They then need to hand it in to the Front Office of the Student Career Service

in via Lungargine del Piovego 2/3, - 35131 Padova, by **1 October 2018** at the latest, together with:

➢ a copy of the summary of the pre-enrolment form/s completed online;

➢ a photocopy of an ID document;

➢ copy of the payment receipt of € 30,00 if paid by MAV or bank transfer using the PagoPA system.

These documents can also be sent by recorded delivery letter, but only applications for the assessment of minimum curricular requirements **sent** to the Student Career Service, Front Office, Lungargine del Piovego 2/3, - 35131 Padova, **by 1 October 2018 at the latest** will be accepted and taken into consideration

3.4 Further enrolment period for the track in "Mathematical Modelling for Engineering and Science"

Candidates who are going **to graduate in Italy by 31 December 2018** may submit their pre-enrolment application **ONLY** for the **degree track in Mathematical Modelling for Engineering and Science**, including the request to assess their minimum curricular requirements, **from 7 November 2018 to 12.00 of 15 January 2019**, following the procedures outlined in the previous points.

4. RESULTS OF REQUIREMENT ASSESSMENT AND ENROLMENT APPLICATION

4.1 STUDENTS WHO GRADUATE BY 12 OCTOBER 2018

4.1.1 Track in "Mathematical Modelling for Engineering and Science"

Candidates with a **positive** outcome to their application, whether submitted online or not, may proceed to enrol after making sure that:

✓ their pre-enrolment application shows an "**eligible**" result in their reserved area on Uniweb;

✓ **their degree title was registered correctly** in Uniweb; please note that degrees from the University of Padova will be registered automatically, whereas graduates from other universities will need to see to the registration on Uniweb themselves.

All details regarding the enrolment process will be available at http://www.unipd.it/avvisi-ammissione-corsi before enrolments open; the total amount of the first instalment of the university fees for A.Y. 2018/19 for newly enrolled students is € 185.00.

4.1.2 Track in Financial Engineering

Should the number of eligible candidates be higher than the number of places available, a merit list of candidates who graduate by 12 October 2018 will be published at http://www.unipd.it/graduatorie-ammissione on **22 October 2018**, following the criteria outlined in annex 1.

All eligible candidates must enrol **by 12.00 of 26 October 2018**; information on enrolment will be published at http://www.unipd.it/avvisi-ammissione-corsi before enrolments open; the total amount of the first instalment of the university fees for A.Y. 2018/19 for newly enrolled students is € 185.00.

4.2 CURRENT YEAR STUDENTS WHO GRADUATE BY 31 DECEMBER 2018 (ONLY ITALIAN QUALIFICATIONS)

4.2.1 Track in "Mathematical Modelling for Engineering and Science"
Candidates eligible for the track in Mathematical Modelling for Engineering and Science may proceed to enrol after making sure that:
- ✓their pre-enrolment application shows an "**eligible**" result in their reserved area on Uniweb;
- ✓ **their degree title was registered correctly** in Uniweb; please note that degrees from the University of Padova will be registered automatically, whereas graduates from other universities will need to see to the registration on Uniweb themselves.

4.2.2 Track in Financial Engineering
Should places for the track in Financial Engineering still be available after all candidates on the merit list of students graduating by 12 October are assigned a place, a further merit list will be published. It will include all candidates who submitted their application by 1 October and who graduated by 31 December 2018. This merit list will be published on **16 January 2019**.
Eligible or winning candidates may submit their enrolment application **by 12.00 of 31 January 2019**.

5. CREDIT TRANSFER REQUESTS

To transfer credits from previous university careers, for academic year 2018/2019 candidates need to submit their pre-enrolment application as per section 2 together with the minimum curricular requirements assessment application which can be printed from http://www.unipd.it/domanda-valutazione .
In its assessment result the Commission will state the year of admission and any credit transfers recognised.

6. FOREIGN STUDENTS AND ITALIAN STUDENTS WITH A FOREIGN DEGREE

Foreign and Italian students with a foreign degree are admitted as per the provisions set forth by the Ministry of Education, Universities and Research and available at http://www.studiare-in-italia.it/studentistranieri .
To complete their application, all candidates with a foreign qualification must contact the Foreign Qualification Office of the Student Service Office, email titoliesteri.studenti@unipd.it . No extensions will be granted to submit the documents necessary to enrol.

7. PERSON IN CHARGE OF THE PROCEDURE, PRIVACY, REMARKS AND WARNINGS

1)Pursuant to art. 4 of law 241 of 7 August 1990 (New norms on administrative procedures and right to access administrative documents) and subsequent amendments, the Degree Course Director or the Assessment commission is appointed to be in charge of the administrative procedure.
2) Person in charge of the Procedure to access the records: The Head of the Student Career Service, dott. Roberta Rasa. Candidates may exercise their right to access the competition records following the procedures set forth by Presidential Decree no. 184 of 12 April 2006.
3) Same-time enrolment: information on same-time enrolment is available at http://www.unipd.it/avvisi-ammissione-corsi .

4) Regulations in place on statements: should false or mendacious statements by the candidate emerge, it being understood the sanctions provided for by the criminal code and special laws in place (art. 75 and 76 of presidential decree 445/2000), the candidate will automatically be unenrolled. The University will seek to be refunded for any benefits (e.g. scholarships) given to the candidate and will not reimburse any of the university fees paid by the candidate. Mendacious statements will result in being liable for damages with claims made by the other parties. Further information on privacy regulations and on the regulations in place to be admitted is available at http://www.unipd.it/avvisi-ammissione-corsi .

Any amendments or additions to the content of this admission notice will be:
◊ published on the Official University Register;
◊ published on the university web pages at http://www.unipd.it/avvisi-ammissione-corsi
Current regulations in place apply in relation to any issues not expressly addressed in this admission notice.

Padua, 5/6/2018

The Rector
 Prof. Rosario Rizzuto

ANNEX 1 – DEGREE COURSE INFORMATION SHEET

Second-cycle degree course in English in
Mathematical Engineering - Ingegneria Matematica
- ## Track in Mathematical Modelling for Engineering
- ## Track in Financial Engineering

Curricular requirements and adequate educational background

Candidates wishing to enrol in the Second-cycle degree course in MATHEMATICAL ENGINEERING - INGEGNERIA MATEMATICA are expected to meet specific curricular requirements and have specific skills and abilities:

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, scientific calculus software; ability to use the methodological-operative aspects of Mathematics and all 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, analyzing and understanding the results; understand the effect of engineering solutions in the physical, environmental and/or financial fields.

To enrol, applicants are expected to have:

1) degree classification equivalent to at least 84/110;

AND

2) At least a B2 level of English in reading and listening

AND

3.a) have a degree in class L-7 in "Civil and Environmental Engineering", in class L-8 "Information Engineering", in class L-9 "Industrial Engineering", in class L-30 "Physical Science And Technology", in class L-31 "Computer Science", in class L-35 "Mathematics", L-18 "Business Administration" as per MD 270/04;

OR, ALTERNATIVELY

3.b) have a set number of ECTS in the areas listed in the following table:

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

For graduates with a high background knowledge as it emerges from their curriculum but who come from an educational background not perfectly in line with the entry requirements, a different initial study path and/or specific admission tests can be put in place.

For candidates with an Italian qualification from a university system other than those set by MD 509/99 or MD 270/2004, or with a foreign qualification, the assessment of the curricular requirements will be carried out by the selection commission.

Please note: Even if the requirements to be admitted to the Degree Course are met, the selection commission may give indications for further studies to be carried out in order to successfully pursue the Second-cycle degree.

Criteria for the merit list, track in "Financial Engineering"

Once the commission has determined that the minimum requirements to enrol in the Course are met, it will assess the documentation submitted and it will award each candidate a score.

More specifically, candidates applying for the **track in "Financial Engineering"** will be assessed in terms of:

- degree classification;
- number of months it took them to graduate;
- number of ECTS with hons;
- number of exams with a final mark of 30/30.