



SCUOLA DI INGEGNERIA

ADMISSION NOTICE A.Y. 2023/24

Master's degrees (or second-cycle degrees) in English with unlimited places
and admission requirements

Selection for candidates with qualification attained in Italy

CHEMICAL AND PROCESS ENGINEERING

COMPUTER ENGINEERING

CONTROL SYSTEMS ENGINEERING

ELECTRONIC ENGINEERING

ENERGY ENGINEERING

ENVIRONMENTAL ENGINEERING

ICT FOR INTERNET AND MULTIMEDIA - INGEGNERIA PER LE

COMUNICAZIONI MULTIMEDIALI E INTERNET

MANAGEMENT ENGINEERING - study track held in English of the Master's
degree "Ingegneria Gestionale"

MATERIALS ENGINEERING

WATER AND GEOLOGICAL RISK ENGINEERING

N.B.: this document is the English translation of the admission notice for Master's degrees with unlimited places and admission requirements, at the Scuola di Ingegneria, and only includes the courses delivered in English.

The full admission notice for all courses is available in Italian at
www.unipd.it/ammissioni-ing-magistrali.

If there is any dispute regarding the interpretation of the two versions, the Italian version shall take precedence

NOTE: The index is clickable and refers to the paragraphs in the text to make navigation easier. However, we recommend paying attention to the information contained in the entire admission notice.

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1. GENERAL INFORMATION

Prospective students can now apply for admission to the first year of the Master's degrees with **unlimited places and admission requirements** at the Scuola di Ingegneria for academic year 2023/24¹.

Courses normally run for 2 years and a Master's degree is awarded at the end of the chosen Course of study.

Information on ongoing teaching and course Regulations can be found at didattica.unipd.it, by selecting "Scuola di Ingegneria" and the Course of interest.

Students can apply to register on a part-time basis due to family, work, or health reasons. Further information is available at www.unipd.it/contribuzione-benefici.

Students with disabilities or specific learning disability (SLD) can contact the Student Service Office – Inclusion Unit (inclusione.studenti@unipd.it) to report any need for information on course attendance support services and financial subsidies (www.unipd.it/risorse-supporti-studenti-disabilita-dificolta-apprendimento).

1.1 Courses, venues and available places

COURSES IN ENGLISH			
Master's degree Ministerial Decree 270/2004	MASTER'S DEGREE	VENUE	Places available for EU citizens or equivalent*
LM-22	Chemical and Process Engineering	Padua	Unlimited places with admission requirements
LM-32	Computer Engineering <i>Curricula:</i> <ul style="list-style-type: none"> • Artificial intelligence and Robotics • Bioinformatics • High Performance and Big Data Computing • Web information and Data Engineering 	Padua	Unlimited places with admission requirements
LM-25	Control Systems Engineering	Padua	Unlimited places with admission requirements
LM-29	Electronic Engineering	Padua	Unlimited places with admission requirements
LM-30	Energy Engineering	Padua	Unlimited places with admission requirements

¹ Running the first year of Degree Courses is subject to their accreditation according to the provisions of Ministerial Decree 1154/2021 "Self-assessment, assessment, initial, and periodic accreditation of venues and courses of study" and to the achievement of a minimum number of enrolments; therefore, if the Course is not accredited or if the number of enrolment applications submitted is less than the number approved annually by the Academic Senate (in any case a minimum of 5 for each curriculum), the Course will not run. All the information relating to the course running is published at www.unipd.it



LM-35	Environmental Engineering <i>Curricula:</i> <ul style="list-style-type: none"> • Environment and sustainability • Land planning and management • Soil protection and water management 	Padua	Unlimited places with admission requirements
LM-27	ICT for Internet and Multimedia - Ingegneria per le Comunicazioni Multimediali e Internet <i>Curricula:</i> <ul style="list-style-type: none"> • Telecommunications • Cybersystems • Photonics and Quantum engineering • ICT for life and health • International mobility 	Padua	Unlimited places with admission requirements
LM-31	Ingegneria gestionale <i>Curriculum:</i> <ul style="list-style-type: none"> • Management Engineering 	Vicenza	Unlimited places with admission requirements
LM-53	Materials Engineering <i>Curricula:</i> <ul style="list-style-type: none"> • AMASE • Functional Materials • Advanced Materials Technologies 	Padua	Unlimited places with admission requirements
LM-35	Water and Geological Risk Engineering	Rovigo	Unlimited places with admission requirements

* The places for students with foreign admission qualifications are assigned in the dedicated selections. For more information, see: www.unipd.it/en/how-apply. For any clarification, write to: international.admission@unipd.it.

1.2 Admission requirements

To be admitted, candidates² must:

1. have obtained a bachelor's degree, a single-cycle degree programme, a three-year university diploma or another qualification obtained in Italy and recognised as suitable under current legislation, **by 31 October 2023** or during the year, **by 31 December 2023**;
2. be in possession of the specific minimum curricular requirements and knowledge, competencies, and abilities, verified as set out in appendix 1. Prospective students are advised to read the full description in Article 2, paragraph 1, of the relevant Course Regulation. Full information sheet on the Course and the Course Regulation are available at didattica.unipd.it, by selecting the Course of interest;
3. **pre-enrol** by the set deadlines ([point 2](#));
4. submit an application for the **assessment of the minimum curricular requirements** by the set deadlines ([point 3](#));
5. **enrol**, submit an application for a change of course or incoming transfer **from 11 July** (or from the date that the minimum number of pre-enrolments is reached, if later) **to 31 October 2023 at 12 noon** ([point 4.1](#)).

² From now on, terms relating to people are in the masculine form, for the sole purpose of ensuring better readability of the text, but refer indiscriminately to all genders.



An additional enrolment period is provided for during the year, **from 31 October 2023 at 12 noon until 19 February 2024 at 12 noon** ([point 4.2](#)).

2. REGISTRATION AND PRE-ENROLMENT ON THE UNIWEB PORTAL

2.1 Registration on the Uniweb portal

If you are logging into Uniweb for the first time, you must create a new user account at www.uniweb.unipd.it by clicking *Menu* → *Registration*.

At the end of the registration process, you will receive an email with your username and activation code to log in to uniweb.unipd.it/password/index.php/it/utenti/identifica/azione/a, where you will be asked to set up three security questions and a password. With your username obtained and password set, you can log in to your private area.

Students can also register with the www.uniweb.unipd.it portal using SPID credentials by clicking on *Menu* → *Registration with SPID*.

In the event of problems with logging in, contact the University Call Centre (www.unipd.it/callcentre).

N.B.: The personal email address included in your Uniweb profile is the communication channel via which any deadlines and instructions for accessing the course are provided. Emails sent for this purpose count as an official communication.

2.2 Submitting an application for pre-enrolment

To pre-enrol, you must:

1. log in with your credentials at www.uniweb.unipd.it, click on *Educational Offer* → *Pre-enrolment with unlimited access* → *Course Type* “*Master’s Degree Programme*” and select your course of interest ([point 1.1](#)).
2. enter the degree qualification to be used to access the course, if not already on the system.
Students enrolled at the University of Padua who are about to graduate can only complete the pre-enrolment after submitting their application for the degree award online. If this application has not been submitted yet, in order to proceed, you will need to make your situation known to immatricolazioni.studenti@unipd.it, attaching an identity document;
3. at the same time, pay the pre-enrolment fee of 30.00 euro via the PagoPA procedure (instructions on www.unipd.it/pago-pa).

Prospective students can apply for pre-enrolment for access to one or more courses among those indicated in this call. For each pre-enrolment, to be submitted by the deadlines set out in points [2.2.1](#) and [2.2.2](#), you need to follow the instructions in the three given points and submit the application for the assessment of minimum curricular requirements ([point 3](#)).

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



2.2.1 Deadlines – candidates graduating by 31 October 2023

To be able to submit the application for enrolment, change of course, or incoming transfer by 31 October 2023 for all the courses in this call ([point 4.1](#)), the application for pre-enrolment must be completed online, through the Uniweb portal, as set out in [point 2.2](#)

from 11 July at 15:00 until 29 September 2023 at 12:00 noon

2.2.2 Deadlines – Pre-enrolment during the year

To be able to submit the application for enrolment during the year by 31 January 2024 ([point 4.2](#)), there will be an additional time window for pre-enrolment online ([point 2.2](#)):

from 31 October 2023 at 12:00 noon until 22 January 2024 at 12:00 noon

N.B.: candidates who use this time window for pre-enrolment will only be able to gain entry to the courses through standard enrolment (**course change** and **incoming transfer** procedures will only be available until **31 October 2023, 12:00 noon**).

3. ASSESSING THE MINIMUM CURRICULAR REQUIREMENTS

To be admitted to your chosen course, you need to be in possession of the specific minimum curricular requirements and knowledge, competencies, and abilities, verified as set out for each course ([appendix 1](#)).

Anyone intending to apply for entry to more than one course must submit an application for the assessment of the minimum curricular requirements (in addition to the related pre-enrolment) for each course of interest.

3.1 Procedure and deadlines – candidates graduating by 31 October 2023

In order to be able to take advantage of the first window for enrolment ([point 4.1](#)), applications for the assessment of the minimum curricular requirements must be submitted and confirmed:

from 11 July at 15:00 until 31 October 2023 at 12:00 noon

Instructions on how to apply for the minimum curricular requirements online and any special cases are available at the following link: www.unipd.it/node/87721.

To access the portal and submit your application, you must have completed your pre-enrolment in the first available time window, by **29 September 2023** ([point 2](#)).

Suitability for enrolment can only be attributed after registering the entry qualification details (grade and date of attainment) Registration will take place automatically for graduates who obtain an entry qualification from the University of Padua; graduates from other universities will instead have to update their degree details in the Uniweb personal area in the *Educational Offer* → *Qualifications* section.



Contacts

- for assistance in **using the portal** for the application for assessment of curricular requirements
- for information on the assessment of your studies (clarification of **examinations taken** and possible **certificates**)
- for information on the **timescale** and **status of the application** after it has been submitted and confirmed

www.unipd.it/backoffice-carriere-studenti - ingegneria.studenti@unipd.it

3.2 Procedure and deadlines – Assessment of the minimum curricular requirements during the year

To be able to submit the application for enrolment during the year by 31 January 2023 ([point 4.2](#)), there will be **an additional time window** for submitting and confirming the application for the assessment of the minimum curricular requirements:

from 31 October 2023 at 12:00 noon until 22 January 2024 at 12:00 noon

Instructions on how to apply for the minimum curricular requirements online and any special cases show at the following link: www.unipd.it/node/87721.

To access the portal and submit your application, you must have completed your pre-enrolment in **one of the two available time windows** ([point 2](#)).

N.B.: the **course change** and **incoming transfer** procedures are not available for candidates submitting their application for the assessment of the minimum curricular requirements using this time window.

Suitability for enrolment can only be attributed after registering the entry qualification details (grade and date of attainment) Registration will take place automatically for graduates who obtain an entry qualification from the University of Padua; graduates from other universities will instead have to update their degree details in the Uniweb personal area in the *Educational Offer* → *Qualifications* section.



Contacts and assistance

- for information on the **use of the portal** for the application for assessment of curricular requirements
- for information on the assessment of your studies (clarification of **examinations taken** and possible **certificates**)
- for information on the **timescale** and **status of the application** after it has been submitted and confirmed

www.unipd.it/backoffice-carriere-studenti - ingegneria.studenti@unipd.it

4. ENROLMENT, CHANGE OF COURSE, TRANSFER FROM ANOTHER UNIVERSITY

4.1 Procedure and deadlines – candidates graduating by 31 October 2023

To enrol, change course, or transfer from another University for all the courses in this call, candidates must:

- have submitted an application for pre-enrolment ([point 2](#)) **by 29 September 2023**;
 - have checked the registration of the entry qualification details in the Uniweb personal area. Registration will take place automatically for graduates from the University of Padua; graduates from other universities will instead have to update their degree details in the Uniweb personal area in the *Educational Offer* → *Qualifications* section;
- have submitted an application for the assessment of the minimum curricular requirements **by 31 October 2023** ([point 3](#)) and have obtained the outcome “eligible” (visible within pre-enrolment in each user’s personal area in Uniweb).

Applications for enrolment or transfer from another university must be submitted
from 11 July at 15:00 until 31 October 2023 at 12:00 noon

Applications for changing course must be submitted:
from 1 September at 15:00 until 31 October 2023 at 12:00 noon

Course registration procedures in the different cases (including the main ones: standard enrolment, course change, and transfer from another university) can be found in the following document:
www.unipd.it/node/85793

N.B.: failing to comply with the deadlines and terms of the set out procedures and concurrently pay the first instalment will constitute a waiver of the entry to the chosen Master’s Degree Programme.

All course registration procedures will be effective only after completion by the Student Office - Enrolment and Admission Testing Unit; notification of the operation will be given via email sent to the student’s email address registered on the Uniweb portal.



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

4.2 Procedure and deadlines – enrolment during the year

In order to enrol, candidates must:

- have submitted an application for pre-enrolment ([point 2](#)) by 29 September 2023 *OR* in the additional pre-enrolment period by 22 January 2024;
 - have checked the registration of the entry qualification details in the Uniweb personal area. Registration will take place automatically for graduates from the University of Padua; graduates from other universities will instead have to update their degree details in the Uniweb personal area in the *Educational Offer* → *Qualifications* section. The qualification must be awarded by 31 December 2023;
- have submitted an application for the assessment of the minimum curricular requirements by 22 January 2024 ([point 3](#)) and have obtained the outcome “eligible” (visible within pre-enrolment in each user’s personal area in Uniweb).

In the enrolment period during the year, candidates can only submit an application for enrolment (they cannot submit applications to change course or transfer from another university):

from 31 October 2023 at 12:00 noon until 19 February 2024 at 12:00 noon

The procedure for submitting applications for enrolment can be found under point 2.1 of the following document: www.unipd.it/node/85793.

N.B.: failing to comply with the deadlines and terms of the set out procedures and concurrently pay the first instalment will constitute a waiver of the entry to the chosen Master’s Degree Programme.

All course registration procedures will be effective only after completion by the Student Office - Enrolment and Admission Testing Unit; notification of the operation will be given via email sent to the student’s email address registered on the Uniweb portal.

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



4.3 Fees and benefits

In case of new enrolment, the first instalment of the university fee, for the academic year 2023/2024, is 200.00 euro (of which 184.00 euro is the regional tax³ for the right to education at university and 16.00 euro is the stamp duty). Students with a disability between 66% and 100% or with a certificate pursuant to Italian Law no. 104 (Article 3, paragraph 1) are entitled to a total exemption, which only requires payment of the stamp duty of 16.00 euro.

Information about instalments, payments, and scholarships:

www.unipd.it/contribuzione-benefici

Contacts

benefici.studenti@unipd.it

6. RECOGNITION OF CREDITS TO SHORTEN THE UNIVERSITY CAREER

Candidates may apply to have the activities and exams they have obtained (including those obtained abroad) - such as single course units or previous university careers - recognised so as not to have to repeat them during their course of study.

However, in order to access the course by means of career shortening, it is necessary to fulfil the requirements and complete all the procedures (including methods and deadlines) as set out in [point 1.2](#) of this call.

The application for credit recognition is an additional request that must be submitted at the same time as the procedure for assessing the minimum curricular requirements, in the appropriate section within the same portal, and by the same deadlines (indicated in [point 3](#)).

The university educational credits necessary to achieve the minimum curricular requirements, or those included in the qualification used for admission to the course, **will not be considered** to shorten the university career.

The appointed teaching committee will issue a credit recognition resolution containing the list of recognised educational activities/credits and the proposed year of admission. After having obtained suitability as regards curricular requirements, candidates can proceed with enrolment, course changes, or incoming transfers **to the course first year** as set out in [point 4](#), even if they do not yet have the credit recognition resolution.

Validation/recognition and any updates during the course year (for those who will obtain the proposed admission to the second year in their credit recognition resolution) will be added to the online student record book by the relevant Back Office by the first exam session scheduled for the academic year 2023/24, without the need for further procedures or requests.

³ The amount may vary according to regional provisions.



Contacts and assistance

- for assistance in **using the portal** for credit recognition applications
- for information about **examinations/activities** that can be recognised
- for information about the time and publication status of the resolution
- for information about examinations/activities updates and year of course in the student career

www.unipd.it/backoffice-carriere-studenti - ingegneria.studenti@unipd.it

Contacts and assistance

for assistance in enrolment procedures: www.unipd.it/immatricolazioni

7. PERSON RESPONSIBLE FOR THE PROCEDURE, PERSONAL DATA, NOTES AND WARNINGS

1. Pursuant to Article 4 of Italian Law 241 of 7 August 1990 (New rules on administrative procedures and right of access to administrative documents) and subsequent amendments, the Programme Coordinator or the Assessment Committee shall be appointed as the person/body responsible for the administrative procedure on admissions.
2. Person Responsible for the Procedure for Accessing Documents: Director of the Student Office, Ms Maria Chiara Ferraresi.
3. Current legislation on statements: if the documentation submitted by the candidate contains false or untrue statements, without prejudice to the penalties provided for by the Italian Criminal Code and the special laws on the matter (Articles 75 and 76 of Presidential Decree No. 445/2000), the candidate's enrolment shall automatically cease. The University will recover any benefits granted (e.g. scholarships) and will not reimburse for the fees paid. Finally, whoever makes a false statement will be liable to an action for damages by the interested parties.
4. Personal data processing: personal data provided by candidates, collected for the purposes set out in this Call, shall be processed in compliance with the provisions of Regulation (EU) 679 of 27.04.2016 (the General Data Protection Regulation, GDPR), and the policy available at www.unipd.it/informativa-studenti.
5. Simultaneous registration: information can be found on page www.unipd.it/avvisi-ammissione-corsi.

Further general information on the current rules and regulations for admission can be found at www.unipd.it/avvisi-ammissione-corsi.

Any changes or additions to the content of this Call for admission will be:

- published in the official register of the University;
- announced on the University's web pages, at www.unipd.it/avvisi-ammissione-corsi



For anything not specified in this Call for admission, reference should be made to current legislation.

Padua, 26 April 2023

THE RECTOR

Prof. Daniela Mapelli

digitally signed pursuant to Italian Legislative Decree no. 82/2005



8. APPENDIX 1 – COURSE DESCRIPTIONS AND THE MINIMUM CURRICULAR REQUIREMENTS FOR ADMISSION

The descriptions of the individual courses are listed below and contain information on the minimum curricular requirements required for admission.

Prospective students are advised to read their full description in the **Syllabus** of the chosen Course, available in Art. 2, paragraph 1, of the relevant Course Regulations.

Full descriptions of the Courses and the relevant Course Regulations can be found at <https://didattica.unipd.it/off/2023/LM/IN/>, by selecting the Course you are interested in.

The procedures to be followed for admission to the courses are summarised in [point 1.2](#) of this notice.

To view the descriptions, scroll through the following pages or click the link corresponding to the course you are interested in:

COURSES IN ENGLISH

- [INGEGNERIA GESTIONALE - Study track "Management Engineering"](#)
- [CHEMICAL AND PROCESS ENGINEERING](#)
- [COMPUTER ENGINEERING](#)
- [CONTROL SYSTEMS ENGINEERING](#)
- [ELECTRONIC ENGINEERING](#)
- [ENERGY ENGINEERING](#)
- [ENVIRONMENTAL ENGINEERING](#)
- [ICT FOR INTERNET AND MULTIMEDIA - INGEGNERIA PER LE COMUNICAZIONI MULTIMEDIALI E INTERNET](#)
- [MATERIALS ENGINEERING](#)
- [WATER AND GEOLOGICAL RISK ENGINEERING](#)



INGEGNERIA GESTIONALE

Curriculum: Management Engineering

To gain entry to the course, you need to meet the requirements described **in each** of the following points:

1. Previous course of study:

Alternative 1: possession of a degree in “Ingegneria Gestionale” attained at the **University of Padua** belonging to **class L-9** (DM (Italian Ministerial Decree) 270/2004) or **10** (DM 509/1999) with a grade of **84/110** or higher

Or

Alternative 2*: possession of a degree awarded in **any Italian university** belonging to **any class** with a grade of between **84/110 and 100/110** and possession of a minimum number of CFUs, divided into the University Scientific Areas (SSDs) indicated:

At least 30 CFUs	ING-IND/16,17,35; ING-INF/04; Of these, at least 5 CFUs for each of the sectors: ING-IND/16,17,35
At least 18 CFUs	ING-IND/10,11,13,14,21,22; Of these, at least 5 CFUs for each of the pairs of sectors: ING-IND/10,11; ING-IND/13,14; ING-IND/21,22

Or

Alternative 3*: possession of a degree awarded in **any Italian university** belonging to **any class (including the classes L-7, L-8, L-9 as per DM (Italian Ministerial Decree) 270/2004)** with a grade of **100/110** or higher and possession of a minimum number of CFUs, divided into the University Scientific Areas (SSDs) indicated:

At least 30 CFUs	ING-IND/16,17,35; ING-INF/04
At least 18 CFUs	ING-IND/10,11,13,14,21,22

Or

Alternative 4: possession of a degree awarded in **any Italian university** belonging to **class L-7, L-8, L-9** (DM (Italian Ministerial Decree) 270/2004) with a grade of **105/110** or higher.

* To read the required SSDs, the numbers separated by a comma need to be considered, e.g. FIS/01,02,03 should be read as FIS/01, FIS/02, FIS/03

2. Language skills (only for the Management Engineering curriculum):

English – Listening and reading comprehension	Level B2 or higher, to be certified through: - a university exam at level B2 or - possession of an international level B2 certification
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If candidates cannot provide a suitable language certification or a university exam at level B2 (information at <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>), they may demonstrate their language skills by passing a level B2 English comprehension test at the University Linguistic Centre (CLA). More detailed information on the procedures and dates are available on the CLA website <https://cla.unipd.it/test-linguistici/futuri-studenti/> and on the Scuola di Ingegneria website <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>

For candidates in possession of an Italian qualification under a legal system other than those governed by the DM (Italian Ministerial Decree) 509/99 or DM 270/04, the curricular requirements will be assessed by the Admissions Committee.

N.B. Even when candidates are in possession of the admission requirements for the Course, the Admissions Committee may, in any case, provide information for further study that is suggested in order to allow candidates to undertake the Master's Degree Course successfully.

Full information sheet about the course: <https://didattica.unipd.it/off/2023/LM/IN/>



CHEMICAL AND PROCESS ENGINEERING

To gain entry to the course, you need to meet the requirements described **in each** of the following points:

1. Previous course of study:

Alternative 1: possession of a degree in “Ingegneria Chimica e dei Materiali” or “Ingegneria dei Processi industriali e dei Materiali” belonging to class **L-9** (DM (Italian Ministerial Decree) 270/2004) or a degree in “Ingegneria Chimica” belonging to class **10** (DM 509/1999) with a grade of **84/110** or higher attained at the **University of Padua**

Or

Alternative 2*:	possession of a degree awarded in any Italian university belonging to any class with a grade of between 84/110 and 110/110 and possession of a minimum number of CFUs, divided into the University Scientific Areas (SSDs) indicated:	
	At least 32 CFUs	MAT/02,03,05,06,07,08,09; ING-INF/05; INF/01; SECS/01; SECS/02; BIO/10,11,19; CHIM/02,03,04,06,07; FIS/01,02,03
	At least 12 CFUs	ING-IND/23,24,25,26,27
	At least 6 CFUs	ING-IND/06,09,10,11,14,21,22,31,34,35; ICAR/01,03,08

Or

Alternative 3: possession of a degree awarded in **any Italian university** belonging to **class L-7, L-8 or L-9** (DM (Italian Ministerial Decree) 270/2004) with a grade of **105/110** or higher.

** To read the required SSDs, the numbers separated by a comma need to be considered, e.g. FIS/01,02,03 should be read as FIS/01, FIS/02, FIS/03*

2. Language skills:

English – Listening and reading comprehension	Level B2 or higher, to be certified through:
	- a university exam at level B2 <i>or</i> - possession of an international level B2 certification

If candidates cannot provide a suitable language certification or a university exam at level B2 (information at <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>), they may demonstrate their language skills by passing a level B2 English comprehension test at the University Linguistic Centre (CLA). More detailed information on the procedures and dates are available on the CLA website <https://cla.unipd.it/test-linguistici/futuri-studenti/> and on the Scuola di Ingegneria website <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>

For candidates in possession of an Italian qualification under a legal system other than those governed by DM (Italian Ministerial Decree) 509/99 or DM 270/2004, the possession of the curricular requirements will be assessed by the Admissions Committee.

For graduates with a high level of preparation, resulting from knowledge and skills certified in the curriculum, coming from educational backgrounds that are not perfectly consistent with the entry requirements, a different initial entry path and/or specific entry tests can be arranged.

N.B. Even when candidates are in possession of the admission requirements for the Course, the Admissions Committee may, in any case, provide information for further study that is suggested in order to allow candidates to undertake the Master's Degree Course successfully.

Full information sheet about the course: <https://didattica.unipd.it/off/2023/LM/IN/>



COMPUTER ENGINEERING

Curricula:

- **Artificial intelligence and Robotics**
- **Bioinformatics**
- **High Performance and Big Data Computing**
- **Web information and Data Engineering**

To gain entry to the course, you need to meet the requirements described **in each** of the following points:

1. Grade of Degree used for entry to the course:

Higher than or equal to **84/110** or equivalent

2. Previous course of study:

Possession of a degree awarded in **any Italian university** belonging to **any class** and possession of a minimum number of CFUs, divided into the University Scientific Areas (SSDs) indicated:

CFU	University Scientific Areas (SSDs)*
At least 12	ING-INF/01,02,03,04,06,07; these CFUs may also have been obtained, in whole or in part, in the context of courses belonging to other SSDs after a positive assessment by the course Teaching Commission
At least 18	ING-INF/05; INF/01
At least 20	FIS/01 or courses in Physics from other SSDs; MAT/01,02,03,05,06 or courses in Probability from other SSDs; MAT/09 or courses in Calculus from other SSDs

* To read the required SSDs, the numbers separated by a comma need to be considered, e.g. FIS/01,02,03 should be read as FIS/01, FIS/02, FIS/03.

For candidates in possession of an Italian qualification under a legal system other than those governed by DM (Italian Ministerial Decree) 509/99 or DM 270/2004, the possession of the curricular requirements will be assessed by the Admissions Committee.

For graduates with a high level of preparation, resulting from knowledge and skills certified in the curriculum, coming from educational backgrounds that are not perfectly consistent with the entry requirements, a different initial entry path and/or specific entry tests can be arranged.

3. Language skills:

English – Listening and reading comprehension

Level B2 or higher, to be certified through:

- a university exam at level B2 *or*
- possession of an international level B2 certification

If candidates cannot provide a suitable language certification or a university exam at level B2 (information at <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>), they may demonstrate their language skills by passing a level B2 English comprehension test at the University Linguistic Centre (CLA). More detailed information on the procedures and dates are available on the CLA website <https://cla.unipd.it/test-linguistici/futuri-studenti/> and on the Scuola di Ingegneria website <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>



N.B. Even when candidates are in possession of the admission requirements for the Course, the Admissions Committee may, in any case, provide information for further study that is suggested in order to allow candidates to undertake the Master's Degree Course successfully.

Full information sheet about the course: <https://didattica.unipd.it/off/2023/LM/IN/>

Contact for general information about the course: cdl.ce@dei.unipd.it



CONTROL SYSTEMS ENGINEERING

To gain entry to the course, you need to meet the requirements described **in each** of the following points:

1. Grade of Degree used for entry to the course:

Higher than or equal to **84/110** or equivalent

2. Previous course of study:

Possession of a degree awarded in **any Italian university** belonging to **any class** and possession of a minimum number of CFUs, divided into the University Scientific Areas (SSDs) indicated:

CFU	University Scientific Areas (SSDs)*
At least 20	FIS/01; MAT/02,03,05,06
At least 18	INF/01; ING-INF/01,02,03,05,06,07
At least 12	ING-INF/04

* To read the required SSDs, the numbers separated by a comma need to be considered, e.g. FIS/01,02,03 should be read as FIS/01, FIS/02, FIS/03

For candidates in possession of an Italian qualification under a legal system other than those governed by DM (Italian Ministerial Decree) 509/99 or DM 270/2004, the possession of the curricular requirements will be assessed by the Admissions Committee.

For graduates with a high level of preparation, resulting from knowledge and skills certified in the curriculum, coming from educational backgrounds that are not perfectly consistent with the entry requirements, a different initial entry path and/or specific entry tests can be arranged.

3. Language skills:

English – Listening and reading comprehension

Level B2 or higher, to be certified through:

- a university exam at level B2 *or*
- possession of an international level B2 certification

If candidates cannot provide a suitable language certification or a university exam at level B2 (information at <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>), they may demonstrate their language skills by passing a level B2 English comprehension test at the University Linguistic Centre (CLA). More detailed information on the procedures and dates are available on the CLA website <https://cla.unipd.it/test-linguistici/futuri-studenti/> and on the Scuola di Ingegneria website <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>

N.B. Even when candidates are in possession of the admission requirements for the Course, the Admissions Committee may, in any case, provide information for further study that is suggested in order to allow candidates to undertake the Master's Degree Course successfully.

Full information sheet about the course: <https://didattica.unipd.it/off/2023/LM/IN/>
Contact for general information about the course: cdl.cse@dei.unipd.it



ELECTRONIC ENGINEERING

To gain entry to the course, you need to meet the requirements described **in each** of the following points:

1. Grade of Degree used for entry to the course:

Higher than or equal to **84/110** or equivalent

2. Previous course of study:

Alternative 1: possession of a degree awarded in any Italian university belonging to class **L-8** (DM (Italian Ministerial Decree) 270/2004) or class **9** (DM 509/1999)

Or

Alternative 2*: possession of a degree awarded in **any Italian university** belonging to **any class** and possession of a minimum number of CFUs, divided into the University Scientific Areas (SSDs) indicated:

At least 12 CFUs	ING-INF/01
At least 18 CFUs	INF/01; ING-INF/02,03,04,05,07
At least 18 CFUs	FIS/01; MAT/02,03,05,06

** To read the required SSDs, the numbers separated by a comma need to be considered, e.g. FIS/01,02,03 should be read as FIS/01, FIS/02, FIS/03*

3. Language skills:

English – Listening and reading comprehension

Level B2 or higher, to be certified through:

- a university exam at level B2 *or*
- possession of an international level B2 certification

If candidates cannot provide a suitable language certification or a university exam at level B2 (information at <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>), they may demonstrate their language skills by passing a level B2 English comprehension test at the University Linguistic Centre (CLA). More detailed information on the procedures and dates are available on the CLA website <https://cla.unipd.it/test-linguistici/futuri-studenti/> and on the Scuola di Ingegneria website <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>

For graduates with a high level of preparation, resulting from knowledge and skills certified in the curriculum, coming from educational backgrounds that are not perfectly consistent with the entry requirements, a different initial entry path and/or specific entry tests can be arranged.

For candidates in possession of an Italian qualification under a legal system other than those governed by DM (Italian Ministerial Decree) 509/99 or DM 270/2004, the possession of the curricular requirements will be assessed by the Admissions Committee.

N.B. Even when candidates are in possession of the admission requirements for the Course, the Admissions Committee may, in any case, provide information for further study that is suggested in order to allow candidates to undertake the Master's Degree Course successfully.



Full information sheet about the course: <https://didattica.unipd.it/off/2023/LM/IN/>

Contact for general information about the course: cdl.il@dei.unipd.it



ENERGY ENGINEERING

To gain entry to the course, you need to meet the requirements described **in each** of the following two points (1.Previous course of study and 2.Language skills):

1. Previous course of study:

Or

Alternative 1*:	possession of a degree awarded in any Italian university belonging to any class with a grade of between 84/110 and 99/110 and possession of a minimum number of CFUs, divided into the University Scientific Areas (SSDs) indicated:	
	At least 20 CFUs	MAT/02,03,05,06,07,08,09; ING-INF/05; INF/01; CHIM/02,03,06,07; FIS/01,03
	At least 30 CFUs	ING-IND/06,08,09,10,11,13,14,16,17,19,21,22,23,24,25,31,32,33; ICAR/01; ING-INF/04, of which: at least 15 CFUs in ING-IND/08,09,10,11 at least 5 CFUs in ING-IND/31,32,33

Or

Alternative 2*:	possession of a degree awarded in any Italian university belonging to any class with a grade of between 100/110 and 104/110 and possession of a minimum number of CFUs, divided into the University Scientific Areas (SSDs) indicated:	
	At least 20 CFUs	MAT/02,03,05,06,07,08,09; ING-INF/05; INF/01; CHIM/02,03,06,07; FIS/01,03
	At least 30 CFUs	ING-IND/06,08,09,10,11,13,14,16,17,19,21,22,23,24,25,31,32,33; ICAR/01; ING-INF/04

Or

Alternative 3:	possession of a degree awarded in any Italian university belonging to class L-7, L-8, L-9 (DM (Italian Ministerial Decree) 270/2004) with a grade of 105/110 or higher.
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Or

Alternative 4*:	possession of a degree awarded in any Italian university belonging to any class with a grade of 105/110 or higher and possession of a minimum number of CFUs, divided into the University Scientific Areas (SSDs) indicated:	
	At least 20 CFUs	MAT/02,03,05,06,07,08,09; ING-INF/05; INF/01; CHIM/02,03,06,07; FIS/01,03
	At least 30 CFUs	ING-IND/06,08,09,10,11,13,14,16,17,19,21,22,23,24,25,31,32,33; ICAR/01; ING-INF/04

** To read the required SSDs, the numbers separated by a comma need to be considered, e.g. FIS/01,02,03 should be read as FIS/01, FIS/02, FIS/03*

For candidates in possession of an Italian qualification under a legal system other than those governed by DM (Italian Ministerial Decree) 509/99 or DM 270/2004, the possession of the curricular requirements will be assessed by the Admissions Committee.



For graduates with a high level of preparation, resulting from knowledge and skills certified in the curriculum, coming from educational backgrounds that are not perfectly consistent with the entry requirements, a different initial entry path and/or specific entry tests can be arranged.

These CFUs may also have been obtained, in whole or in part, in the context of courses belonging to other SSDs after an assessment by the course Teaching Commission

2. Language skills:

English – Listening and
reading comprehension

Level B2 or higher, to be certified through:

- a university exam at level B2 *or*
- possession of an international level B2 certification

If candidates cannot provide a suitable language certification or a university exam at level B2 (information at <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>), they may demonstrate their language skills by passing a level B2 English comprehension test at the University Linguistic Centre (CLA). More detailed information on the procedures and dates are available on the CLA website <https://cla.unipd.it/test-linguistici/futuri-studenti/> and on the Scuola di Ingegneria website <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>

N.B. Even when candidates are in possession of the admission requirements for the Course, the Admissions Committee may, in any case, provide information for further study that is suggested in order to allow candidates to undertake the Master's Degree Course successfully.

Full information sheet about the course: <https://didattica.unipd.it/off/2023/LM/IN/>



ENVIRONMENTAL ENGINEERING

Curricula:

- **Environment and sustainability**
- **Land planning and management**
- **Soil protection and water management**

To gain entry to the course, you need to meet the requirements described **in each** of the following points:

1. Previous course of study:

Alternative 1: possession of a degree awarded in any Italian university belonging to class **L-8 or L-9** (DM (Italian Ministerial Decree) 270/2004) with a grade of **105/110** or higher.

Or

Alternative 2: possession of a degree awarded in any Italian university belonging to class **L-7** (DM (Italian Ministerial Decree) 270/2004) or class **8** (DM 509/1999) with a grade of **84/110** or higher.

Or

Alternative 3*:	possession of a degree awarded in any Italian university belonging to any class with a grade of 84/110 or higher and possession of a minimum number of CFUs, divided into the University Scientific Areas (SSDs) indicated:	
	At least 12 CFUs	MAT/03,05,08
	At least 5 CFUs	CHIM/07
	At least 5 CFUs	FIS/01
	At least 26 CFUs	ICAR/01,02,03,07,08

* To read the required SSDs, the numbers separated by a comma need to be considered, e.g. FIS/01,02,03 should be read as FIS/01, FIS/02, FIS/03

For candidates in possession of an Italian qualification under a legal system other than those governed by DM (Italian Ministerial Decree) 509/99 or DM 270/2004, the possession of the curricular requirements will be assessed by the Admissions Committee.

For graduates with a high level of preparation, resulting from knowledge and skills certified in the curriculum, coming from educational backgrounds that are not perfectly consistent with the entry requirements, a different initial entry path and/or specific entry tests can be arranged.

2. Language skills:

English – Listening and reading comprehension

Level B2 or higher, to be certified through:

- a university exam at level B2 *or*
- possession of an international level B2 certification

If candidates cannot provide a suitable language certification or a university exam at level B2 (information at <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>), they may demonstrate their language skills by passing a level B2 English comprehension test at the University Linguistic Centre (CLA). More detailed information on the



procedures and dates are available on the CLA website <https://cla.unipd.it/test-linguistici/futuri-studenti/> and on the Scuola di Ingegneria website <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>

N.B. Even when candidates are in possession of the admission requirements for the Course, the Admissions Committee may, in any case, provide information for further study that is suggested in order to allow candidates to undertake the Master's Degree Course successfully.

Full information sheet about the course: <https://didattica.unipd.it/off/2023/LM/IN/>



ICT FOR INTERNET AND MULTIMEDIA

Curricula:

- **Telecommunications**
- **Cybersystems**
- **Photonics and Quantum engineering**
- **ICT for life and health**
- **International mobility***

To gain entry to the course, you need to meet the requirements described in **each** of the following points:

1. **Grade of Degree** used for entry to the course:

Higher than or equal to **84/110** or equivalent

2. **Previous course of study:**

Possession of a degree awarded in **any Italian university** belonging to **any class** and possession of at least **50 CFUs**, divided into the following University Scientific Areas (SSD)**: FIS/01; INF/01; ING-INF/02,03,05; MAT/02,03,05,06

*** To read the required SSDs, the numbers separated by a comma need to be considered as follows, e.g. FIS/01,02,03 should be read FIS/01, FIS/02, FIS/03*

For candidates in possession of an Italian qualification under a legal system other than those governed by DM (Italian Ministerial Decree) 509/99 or DM 270/2004, the possession of the curricular requirements will be assessed by the Admissions Committee.

For graduates with a high level of preparation, resulting from knowledge and skills certified in the curriculum, coming from educational backgrounds that are not perfectly consistent with the entry requirements, a different initial entry path and/or specific entry tests can be arranged.

3. **Language skills:**

English – Listening and reading comprehension

Level B2 or higher, to be certified through:

- a university exam at level B2 *or*
- possession of an international level B2 certification

If candidates cannot provide a suitable language certification or a university exam at level B2 (information at <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>), they may demonstrate their language skills by passing a level B2 English comprehension test at the University Linguistic Centre (CLA). More detailed information on the procedures and dates are available on the CLA website <https://cla.unipd.it/test-linguistici/futuri-studenti/> and on the Scuola di Ingegneria website <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>

* The **International Mobility** curriculum is only envisaged for certain international mobility programmes, for example for positions with dual qualifications with the UNIVERSIDAD POLITECNICA DE MADRID (Madrid, SPAIN: 2 positions) and with the NATIONAL TAIWAN UNIVERSITY (Taipei, TAIWAN: 2 positions), or thesis/internship activities in international mobility programmes. Entry to this curriculum is only possible after enrolment and attendance of the first semester in one of the other curricula.

N.B. Even when candidates are in possession of the admission requirements for the Course, the Admissions Committee may, in any case, provide information for further study that is suggested in order to allow candidates to undertake the Master's Degree Course successfully.

Full information sheet about the course: <https://didattica.unipd.it/off/2023/LM/IN/>

Contact for general information about the course: cdl.ict@dei.unipd.it



MATERIALS ENGINEERING

Curricula:

- **AMASE Joint European Master Programme* on Advanced Material Science and Engineering**
- **Functional Materials**
- **Advanced Materials Technologies**

To gain entry to the course, you need to meet the requirements described in **each** of the following points:

1. Grade of Degree used for entry to the course:

Higher than or equal to **84/110** or equivalent

2. Previous course of study:

Alternative 1: possession of a degree awarded in **any Italian university** belonging to class **L-9** (DM (Italian Ministerial Decree) 270/2004)

Or

Alternative 2: possession of a degree attained at the **University of Padua** belonging to class **10** (DM 509/1999)

Or

Alternative 3**:

possession of a degree awarded in **any Italian university** belonging to **any class** and possession of a minimum number of CFUs, divided into the University Scientific Areas (SSDs) indicated:

At least 29 CFUs	MAT/02,03,05,06,07,08,09; ING-INF/05; INF/01; SECS/02; CHIM/02,03,06,07; FIS/01,03
At least 6 CFUs	ING-IND/08,09,10,12,13,14,15,16,17,23,24,25,26,27,31,34,35; ICAR/08
At least 12 CFUs	ING-IND/21,22

** To read the required SSDs, the numbers separated by a comma need to be considered as follows, e.g. FIS/01,02,03 should be read FIS/01, FIS/02, FIS/03

For candidates in possession of an Italian qualification under a legal system other than those governed by DM (Italian Ministerial Decree) 509/99 or DM 270/2004, the possession of the curricular requirements will be assessed by the Admissions Committee. For graduates with a high level of preparation, resulting from knowledge and skills certified in the curriculum, coming from educational backgrounds that are not perfectly consistent with the entry requirements, a different initial entry path and/or specific entry tests can be arranged.

3. Language skills:

English – Listening and reading comprehension

Level B2 or higher, to be certified through:

- a university exam at level B2 or
- possession of an international level B2 certification

If candidates cannot provide a suitable language certification or a university exam at level B2 (information at <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>), they may demonstrate their language skills by passing a level B2 English comprehension test at the University Linguistic Centre (CLA). More detailed information on the procedures and dates are available on the CLA website <https://cla.unipd.it/test-linguistici/futuri-studenti/> and on the Scuola di Ingegneria website <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>



*The AMASE curriculum is reserved for those taking part in the special international selection, as per the procedures at <https://www.eusmat.net/international-studies/master/amase/about-amase/>

N.B. Even when candidates are in possession of the admission requirements for the Course, the Admissions Committee may, in any case, provide information for further study that is suggested in order to allow candidates to undertake the Master's Degree Course successfully.

Full information sheet about the course: <https://didattica.unipd.it/off/2023/LM/IN/>



WATER AND GEOLOGICAL RISK ENGINEERING

To gain entry to the course, you need to meet the requirements described **in each** of the following points:

1. **Grade of Degree** used for entry to the course:

Higher than or equal to **84/110** or equivalent

2. **Previous course of study:**

Alternative 1: possession of a degree awarded in any Italian university belonging to class **L-7** (DM 270/2004) or class **8** (DM 509/1999)

Or

Alternative 2*:	possession of a degree awarded in any Italian university belonging to any class and possession of a minimum number of CFUs, divided into the University Scientific Areas (SSDs) indicated:	
	At least 10 CFUs	MAT/02,03,05,06,08
	At least 8 CFUs	CHIM/03,06,07
	At least 8 CFUs	FIS/01
	At least 6 CFUs	ICAR/01
	At least 6 CFUs	ICAR/08
	At least 14 CFUs	ICAR/02,03,07

* To read the required SSDs, the numbers separated by a comma need to be considered, e.g. FIS/01,02,03 should be read as FIS/01, FIS/02, FIS/03

For candidates in possession of an Italian qualification under a legal system other than those governed by DM (Italian Ministerial Decree) 509/99 or DM 270/2004, the possession of the curricular requirements will be assessed by the Admissions Committee.

For graduates with a high level of preparation, resulting from knowledge and skills certified in the curriculum, coming from educational backgrounds that are not perfectly consistent with the entry requirements, a different initial entry path and/or specific entry tests can be arranged.

3. **Language skills:**

English – Listening and reading comprehension	Level B2 or higher, to be certified through:
	- a university exam at level B2 <i>or</i> - possession of an international level B2 certification

If candidates cannot provide a suitable language certification or a university exam at level B2 (information at <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>), they may demonstrate their language skills by passing a level B2 English comprehension test at the University Linguistic Centre (CLA). More detailed information on the procedures and dates are available on the CLA website <https://cla.unipd.it/test-linguistici/futuri-studenti/> and on the Scuola di Ingegneria website <https://ingegneria.unipd.it/requisiti-inglese-lm-ingegneria>



N.B. Even when candidates are in possession of the admission requirements for the Course, the Admissions Committee may, in any case, provide information for further study that is suggested in order to allow candidates to undertake the Master's Degree Course successfully.

Full information sheet about the course: <https://didattica.unipd.it/off/2023/LM/IN/>