

Call for applications

Academic year 2020-2021

English-taught Master's degree programmes

Selection for candidates with a foreign qualification

School of Engineering

- Mathematical Engineering – Ingegneria Matematica
Class LM-44 - Mathematical modelling for engineering

Selection for candidates with a foreign qualification - only non-EU citizens residing abroad

School of Medicine

- Medical Biotechnologies – only General Curriculum
Class LM-9 - Pharmaceutical, Veterinary and Medical biotechnologies
- Pharmaceutical biotechnologies
Class LM-9 - Pharmaceutical, Veterinary and Medical biotechnologies

School of Science

- Molecular Biology
Classe LM-6 – Biology

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

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1. PLACES AVAILABLE AND ELIGIBILITY CRITERIA FOR THE SELECTION PROCESS

To be eligible for selection,¹ applicants are expected to meet the following requirements:

- 1) having obtained, or be about to, a foreign qualification recognized as equivalent to a Bachelor's degree, pursuant to current regulations, **by 31 July 2020**.
- 2) meeting specific curricular requirements and having an adequate educational background, pursuant to Italian M.D. no. 270/2004 art. 6, section 2, as specified in the Master's degree programme factsheet in annex 1;
- 3) having submitted the online application, as per section 2 of this call, by the specified deadlines.

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

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

2. HOW TO SUBMIT YOUR APPLICATION AND UPLOAD DOCUMENTS

To access the portal, candidates are required to create an account at

<https://apply.unipd.it/applicant/register>

Once the registration procedure is finalized, candidates will be emailed an activation code which must be used for the application procedure. The e-mail address indicated in the registration procedure will also be verified.

With the code received, candidates can choose up to three degree programmes, in order of preference, listed on the portal. Upon selecting the degree programmes, candidates must click on 'Apply now', fill in all the required fields, upload all the required annexes and then click 'Submit' to finalize their application procedure.

Candidates must submit their application on their personal area on apply.unipd.it **from 7 January 2020 to 7 March 2020 by 11.59 pm - local time - (GMT +1)**.

To assess candidates' qualification and award them the score for the ranking list, candidates will be required to upload the following documents during the procedure:

¹ The first year of degree programmes will be activated upon degree programmes' accreditation, as per Italian M.D. 6/2019 and upon reaching the 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>.

- curriculum vitae and studiorum in English;
- motivation letter in English;
- transcript of records both in Italian or in English, preferably including ECTS statistics; the transcript can be replaced with the Diploma Supplement;
- degree certificate (for graduates) or certificate of enrolment in the last year of upper secondary school, both in Italian or in English;
- English language certificate;
- additional filled-out excel form (only for Master's degree programme in Medical Biotechnologies)
- a copy of the candidate's ID card for EU citizens or passport for non-EU citizens;
- only for non-EU citizens residing in Italy: a copy of their residence permit;

Please note that it is important for candidates to read the degree programme factsheet through carefully (Annex1).

Candidates are also required to pay a **€ 30.00** pre-enrolment fee for each degree programme selected in the application procedure. Starting from the day following the application submission ('Submit'), candidates will be emailed instructions on how to pay the fee using the PagoPA procedure

The following documents are optional for the application procedure but compulsory for enrolment:

- Diploma Supplement (only for qualifications issued in a country participating in the Bologna Process) or CIMEA statement of comparability or Declaration of Value;
- Translation and legalisation of the candidate's qualification and transcript of records.

For any enquiry, candidates can email the Welcome Unit at the International Office—at international.admission@unipd.it.

3. PUBLICATION OF ASSESSMENT RESULTS

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

Starting from **6 April 2020**, the assessment results will be published at <http://www.unipd.it/en/assessment-results>.

Admission of candidates is granted pending verification of their qualifications, their graduation - if not completed yet- and submission of the documents listed at <https://www.unipd.it/en/how-apply>.

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

To allow classes to start regularly, all successful foreign students must be in Italy, be enrolled at the University of Padua and have all the documents for admission by 31 October 2020.

4. FURTHER USEFUL INFORMATION, SCHOLARSHIPS AND ECONOMIC BENEFITS

Within the programme **Padova International Excellence Scholarships**, the University of Padua supplies scholarships to highly qualified international students, holding a foreign qualification and wishing to enrol in an English-taught degree programme.

The **Call for applications**, including detailed information on scholarships, eligibility requirements and selection procedure, will be available at <http://www.unipd.it/en/scholarships>. There will be no separate application forms to fill out nor additional specific documents to submit.

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

The University of Padua supplies up to **100 tuition fee-waivers** to highly qualified international students, holding a foreign qualification and wishing to enrol in an English-taught degree programme. Further information will be available in the **call for applications** which is to be published on <http://www.unipd.it/en/fee-waivers>. There will be no separate application forms to fill out nor additional specific documents to submit.

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

The University of Padua also provides students with a top-level educational path within the **Galilean School of Higher Education**. The Galilean School of Higher Education also **reserves up to 4 (four) places for international highly motivated students** who enrol in a Master's degree programme of the University of Padua. The selected students will attend courses and seminars reserved for Galilean students and will benefit from meals and accommodation free-of-charge, as well as dedicated scholarships. The Call for applications, including detailed information on admission requirements, academic rights and responsibilities, the application procedure and its deadlines, will be available at www.unipd-scuolagalileiana.it/en/content/call-international-students

Further information on the **Galilean School of Higher Education** is available at www.unipd-scuolagalileiana.it/en/

Padua, 23/12/2019

The Rector

Prof. Rosario Rizzuto

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

ANNEX 1 – DEGREE PROGRAMMES FACTSHEETS

<p style="text-align: center;">SCHOOL OF ENGINEERING ‘MATHEMATICAL ENGINEERING – INGEGNERIA MATEMATICA’ Curriculum</p> <p>- Mathematical Modelling for Engineering and Science Selection for EU and non-EU citizens with a foreign qualification</p> <p>- Financial Engineering Selection only open to non-EU citizens residing abroad with a foreign qualification</p>
<p style="text-align: center;">Places available</p> <p>-curriculum ‘Mathematical Modelling for Engineering and Science’: unlimited access with admission requirements for EU and non-EU citizens legally residing in Italy and having a foreign qualification</p> <p>-curriculum ‘Mathematical Modelling for Engineering and Science’: no. 12 places available for non-EU citizens residing abroad; of these, 1 place is reserved for Chinese students of the Marco Polo Programme</p> <p>-curriculum ‘Financial Engineering’, including the second year to be entirely attended abroad (France - Paris): no. 3 places available for non-EU citizens residing abroad.</p> <p>EU candidates and non-EU candidates residing in Italy deemed eligible for selection for the curriculum ‘Mathematical Modelling’ will be able to participate in the subsequent selection for the curriculum Financial Engineering. Further instructions will be available at the end of April at https://www.unipd.it/avvisi-ammissione-corsi</p>
<p style="text-align: center;">Curricular requirements and adequate educational background</p> <p>Candidates wishing to enrol in the Master's degree programme in MATHEMATICAL ENGINEERING - INGEGNERIA MATEMATICA are expected to meet specific curricular requirements and have specific skills and abilities:</p> <p>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 other the basic sciences useful for the interpretation and description of problems concerning engineering, physics and/or financial engineering, as well as setting and managing experiments, analyzing and understanding the results; understand the effect of engineering solutions in physical, environmental and/or financial fields.</p> <p>To access the degree programme applicants are also expected to have:</p> <ol style="list-style-type: none"> 1) a degree classification equivalent to at least 84/110; 2) a B2 level in ENGLISH.
<p style="text-align: center;">Criteria for the ranking list of non-EU citizens residing abroad curriculum ‘Financial Engineering’</p> <p>Once it has been determined that candidates meet the minimum requirements to enrol in the degree programme, the committee will assess all the documents submitted and will award candidates with an overall score according to:</p> <ul style="list-style-type: none"> - degree classification; - time taken to graduate; - examinations grades.
<p>Further information on the degree programme is available at www.unipd.it/en/mathematical-engineering For general enquiries on the degree programme, please contact didattica@dicea.unipd.it</p>

**SCHOOL OF MEDICINE
'MEDICAL BIOTECHNOLOGIES'
Selection only open to non-EU citizens residing abroad
for the 'General' Curriculum only**

Places available

7 places available for non-EU citizens residing abroad; of these, 1 place is reserved for Chinese students of the Marco Polo Programme.

The degree programme also includes another curriculum called Molecular Medicine, the second semester of which is to be spent at the University of Ulm (Germany). A double degree with the University of Ulm is issued once the degree programme has been completed.

Successful students of this selection may also participate in the subsequent selection procedure for the above-mentioned curriculum. Students are invited to follow the information outlined in the new call for applications, to be published by May. They will be also required to sit an English test in Padua.

Curricular requirements and adequate educational background

Applicants wishing to enrol in the Master's degree programme in MEDICAL BIOTECHNOLOGIES are expected to meet specific curricular requirements and have specific skills and abilities in Mathematics, Statistics, Molecular biology, Cell biology, Pharmacology, Anatomy, Physiology, Chemistry, Biochemistry, Physics, Biology, Pathology, Microbiology, Genetics and Immunology.

As a result, it is preferable to have a degree in one of the following areas:

Biotechnology, Biological science, Chemical science and technology, Technical health professions or Medicine and Surgery.

All candidates must prove to have a level B2 in English (as per Common European Framework of Reference for Languages) through a language certificate. They are required to be fluent in the language, both in speaking and writing, and to be familiar with scientific terminology.

Native English speakers or students who have attended an English-taught Bachelor's degree programme do not need to submit any language certificate.

Documents necessary for selection and criteria for the ranking list

To access the selection process, candidates will have to upload all the following documents:

- a) Curriculum vitae: it must include grades as well as any educational experience or study period spent abroad;
- b) Cover letter;
- c) Transcript of records of the qualification obtained, preferably including ECTS statistics;
- d) An additional filled-out excel form, using the template annexed to this factsheet;
- e) Language certificate attesting a B2 level in English.

All applicants must also record a short presentation through the Dream Apply platform, that the selection committee will take into consideration for a thorough assessment of candidates.

Students failing to submit one or more of the above-mentioned documents alongside their application will not be considered for selection.

Once it has been determined that candidates meet the minimum requirements to enrol in the degree programme, the ranking list will be drawn up according to the overall score candidates have been awarded.

Should more candidates have the same score, priority will be given to the youngest candidate.

**Further information on the degree programme is available at www.unipd.it/en/medical-biotechnologies
For general enquiries on the degree programme, please contact didattica.medicinamolecolare@unipd.it**

**SCHOOL OF MEDICINE
'PHARMACEUTICAL BIOTECHNOLOGIES – BIOTECNOLOGIE
FARMACEUTICHE'**

Selection only open to non-EU citizens residing abroad

Places available

- no. 10 places available for non-EU citizens residing abroad;
- no. 1 place reserved for Chinese students of the Marco Polo Programme;
- no. 2 places reserved for students under the exchange programme with the Chinese University of Nanjing

Curricular requirements and adequate educational background

Candidates wishing to enrol in the Master's degree programme in PHARMACEUTICAL BIOTECHNOLOGIES are expected to have a foreign qualification equivalent to a Bachelor's degree in one of the following classes:

- L-2 Biotechnology, L-13 Biological science, L-27 Chemical science and technology, L-SNT3 – Technical health professions former Italian M.D. 270/04 or a degree in classes 1- Biotechnologies, 12- Biological sciences, 21- Chemical science and Technology, SNT3 - Technical health professions former Italian M.D. 509/99.

Or

they must have sat examinations in the following areas (SSD):

- 50 ECTS credits in BIO/09 Physiology, BIO/10 Biochemistry, BIO/11 Molecular biology, BIO/12 Clinical biochemistry and Clinical molecular biology, BIO/13 Applied biology, BIO/14 Pharmacology, BIO/15 Pharmaceutical biology, BIO/16 Human anatomy, BIO/17 Histology, BIO/18 Genetics, BIO/19 General microbiology, CHIM/01 Analytical chemistry, CHIM/02 Physical chemistry, CHIM/03 General and inorganic chemistry, CHIM/04 Industrial chemistry, CHIM/06 Organic chemistry, CHIM/08 Pharmaceutical chemistry, CHIM/09 Applied pharmaceutical technology, CHIM/10 Food chemistry, CHIM/11 Fermentation chemistry and technology, MED/03 Medical genetics, MED/04 General pathology, MED/07 Microbiology and Clinical microbiology, VET/01 Anatomy of domestic animals, VET/03 General pathology and Veterinary pathological anatomy, VET/05 Infectious diseases of domestic animals, VET/07 Veterinary pharmacology and toxicology

The selection committee will test candidates with foreign qualification on curricular requirements.

All candidates are also expected to have a level B2 in English (as per the Common European Framework of Reference for Languages).

Criteria for the ranking lists

To access the selection process, candidates will have to upload all the following documents:

- f) Curriculum vitae: it must include grades as well as any educational experience or study period spent abroad;
- g) Cover letter;
- h) Transcript of records of the qualification obtained, preferably including ECTS statistics;
- i) Language certificate attesting a B2 level in English.

All applicants must also record a short presentation through the Dream Apply platform, that the selection committee will take into consideration for a thorough assessment of candidates.

Students failing to submit one or more of the above-mentioned documents alongside their application will not be considered for selection.

Once applicants have been deemed eligible for enrolment, candidates will be ranked according to the overall score they have been awarded for their academic career.

Should more candidates have the same score, priority will be given to the youngest candidate.

Further information on the degree programme is available at www.unipd.it/en/pharmaceutical-biotechnologies

For general enquiries on the degree programme, please contact patrizia.polverinodelaureto@unipd.it, claudia.veronese@unipd.it

**SCHOOL OF SCIENCE
“MOLECULAR BIOLOGY”**

Curriculum:

- Bioinformatics
- Molecular Biology
- Génétique Moléculaire

Selection only open to non-EU citizens residing abroad

Places available

no. 10 places available for non-EU citizens residing abroad; of these, 2 places are reserved for Chinese students of the Marco Polo Programme.

Curricular requirements and adequate educational background

To access the degree programme, candidates are expected to have basic knowledge of the following disciplines: essential subjects such as Mathematics, Physics, Chemistry, Computer science with bioinformatics approach; disciplines concerning the organization of the animal and plant kingdom and principles of ecology; knowledge on functional cellular and molecular aspects regarding heredity, reproduction and development mechanisms.

Knowledge assessment will be carried out according to:

1) the accumulation of 70 ECTS credits in the areas (SSD) listed below:

- ✓ Area 1 (Mathematics, Physics, Computer science, Chemistry): at least 18 ECTS credits in: FIS/01-08, INF/01, MAT/01-09, CHIM/02, CHIM/03, CHIM/06
- ✓ Area 2 (botanical, zoological, ecological disciplines): at least 12 ECTS credits in: BIO/01, BIO/05, BIO/06, BIO/07
- ✓ Area 3 (molecular biological disciplines): at least 34 ECTS credits in: BIO/04, BIO/10, BIO/11, BIO/18, BIO/19
- ✓ Area 4 (physiological, biomedical disciplines): at least 6 ECTS credits in: BIO/09, MED/42

2) minimum weighted average grades 23/30 (or equivalent if using another grading scale) for examinations related to the above-mentioned areas;

3) assessment of both the curriculum and the number of ECTS credits specified in item 1;

4) duration of the degree programme required for admission

5) a B2 level in English (reading and listening).

If it is not possible to directly assess the equivalence of the degree or its classification within the Italian system or to determine whether requirements are met, the selection committee will assess applicants' overall academic records.

Once it has been determined whether candidates meet the minimum requirements to enrol in the degree programme, they will be ranked according to the overall score the selection committee awards them.

The selection committee reserves the right to schedule a Skype interview (alternative video calling system), should further clarification of the application be needed.

**Further information on the degree programme is available at www.unipd.it/en/molecular-biology
For general enquiries on the degree programme, please contact scienze@unipd.it**