



Call for applications - Master's programme in Pharmaceutical Medicine starting in the second semester of academic year 2019-20

THE RECTOR

- Having regard to art. 6 of law no. 341 dated 19 November 1990;
- Having regard to art. 1, paragraph 15, of law no. 4 dated 14 January 1999;
- Having regard to Ministerial Decree no. 270 dated 22 October 2004, containing new rules governing the educational autonomy of Universities and supplanting Ministerial Decree no. 509 dated 3 November 1999;
- Having regard to Milan University Academic Regulations issued through Rector's Decree on 12 June 2008, in particular article 31 specifying the rules for Master's programmes;
- Having regard to the agreement between the University of Milan and the Mario Negri Institute for Pharmacological Research - IRCCS, finalized on 30 July 2019;
- Having regard to the 9 July 2019 resolution of the Board of Directors, authorising the Master's programme indicated hereunder, and the favourable opinion issued by the Academic Senate on 23 July 2019;
- Having regard to the Rector's decree of 5 September 2019, registered at no. 3229 on 5 September 2019, launching the second-level Master's programme in Pharmaceutical Medicine, to start in the first half of academic year 2019/2020;
- Having regard to the Rector's decree of 4 October 2019, registered at no. 3920 on 16 October 2019, appointing the admission committee for the above Master's programme;
- Having regard to the minutes of the selection procedures held on 28 October 2019 for admission to the Master's programme in Pharmaceutical Medicine;
- Having regard to the notice issued by the coordinator, prof. Piergiorgio Messa, on 16 December 2019, requesting the postponement of the programme to the second semester of academic year 2019/2020;



HEREBY DECREES

that the procedure be re-opened for admission to the second-level Master's programme in Pharmaceutical Medicine to run in academic year 2019/2020 (starting in the second semester), in collaboration with the Mario Negri Institute for Pharmacological Research - IRCCS.

The selection procedures held on 28 October 2019 at the "Aldo e Cele Daccò" Centre for Clinical Research on Rare Diseases of the Mario Negri Institute for Pharmacological Research - IRCCS, on via G.B. Camozzi 3, 24020 Ranica (BG), remain valid. Candidates who have passed the selection and are eligible for the programme will be included in the final admission ranking. Therefore, they need not apply for admission and go through the selection process again.

For information on learning objectives, employment opportunities, places available, admission requirements, the selection procedure, programme organization, enrolment fees and any other specifications regarding the programme, please refer to the annex, which forms an integral part hereof.

Candidates holding the specified academic qualifications for admission to the Master, or equivalent qualifications awarded in Italy or abroad, may apply for admission. The suitability of a foreign academic qualification in terms of content is assessed by the admission committee of the Master's programme, in compliance with the regulations in force in Italy and in the country in which the academic qualification was issued, and the international treaties or agreements pertaining to the recognition of qualifications for the continuation of studies. Those holding a non-university academic qualification, equivalent by law to a university degree, may also apply for admission.

Enrolment in the Master's programme is incompatible with enrolment in other study programmes (first- or second-cycle degree programmes, doctoral research programmes, postgraduate schools, master's programmes). Attendance in the various course activities of the Master's programme is mandatory. Only those who have attended at least two thirds of the planned training activities may take the final exam.

Altogether, the hours of training activity, along with the time devoted to individual study and preparation, amount to 60 university credits (CFUs).



Application for admission

Applications shall be submitted by 2 pm on 10 March 2020, as follows:

- 1) Register on the University portal through the page <https://registrazione.unimi.it/>
This operation is not required of those already registered on the portal or with University login credentials, such as Milan University students or graduates, who can proceed to the next step;
- 2) Use your credentials to access the online application procedure at <http://studente.unimi.it/ammissioni/a/master/checkLogin.asp>
- 3) Pay the non-refundable selection fee of € 50.00 (Regulations on fees, dues, exemptions and scholarships for academic year 2018/2019) in accordance with the payment methods indicated in the admissions page.

Candidates shall also submit the following documents to the Continuing Education and Lifelong Learning Office by 2 pm on 10 March 2020, under penalty of exclusion from the selection procedure:

- a) copy of the receipt obtained at the end of the online application procedure;
- b) a detailed CV (specifying the degree held) for use in the selection procedure and in the awarding of any scholarships.

Besides submitting the above, those holding a non-university academic qualification awarded in Italy, equivalent by law to a university degree, shall produce a certificate of the qualification awarded and of their secondary school-leaving certificate. In addition, those holding a foreign academic qualification shall submit a degree certificate in Italian or English reporting the exams taken and the respective marks.

The Continuing Education and Lifelong Learning Office, Via Festa del Perdono 7, 20122 Milan, is open to the public Monday to Friday from 9 am to 12 noon. The documents may also be sent by fax (02 50312300) or e-mail (master@unimi.it).

Enrolment is automatically finalized upon completion of all steps required.



EU applicants may self-certify that they meet the admission requirements.

Rankings

The ranking of successful candidates will be published online at <http://studente.unimi.it/ammissioni/g/graduatori/master/checkLogin.asp>. Publication of the ranking list serves as official notification. Therefore, no personal communication will be sent out to candidates.

Enrolment

Those admitted to the programme shall enrol through the matriculation service (<http://studente.unimi.it/immatricolazioni/master/checkLogin.asp>) within 5 working days of the publication of the ranking.

- 1) At this time, students shall also pay the € 1,516.00 first instalment of the enrolment fee, in accordance with the procedures set out in the enrolment page.

Candidates are admitted to the programme conditionally and may be excluded from the programme if they are found not to meet the requirements.

Those holding a foreign academic qualification shall submit the following documents (original or authenticated copies) for assessment, only in terms of admission to the Master's programme: the academic qualification, its official translation authenticated in accordance with legislation in the country where it was issued, and a Statement of Validity (*Dichiarazione di valore in loco*) issued by the Italian diplomatic mission in the country where the qualification was awarded.

Candidates who were awarded the qualification in an EU State may submit, instead of the translation and Statement of Validity, a Diploma Supplement authenticated pursuant to current legislation or a statement of validity issued by ENIC-NARIC Centres or by diplomatic missions in Italy.

At the time of enrolment, foreign candidates shall deliver a copy of their Italian tax code (*codice fiscale*) to the Continuing Education and Lifelong Learning Office. Non-EU candidates must also show their residence permit (original copy).



If the enrolment fee is paid by persons other than the student or by an Institution, Agency or Company, these shall make the payment in the same way and within the same deadlines as indicated above, under penalty of exclusion from the programme. As the programme is part of the University's institutional activities, no VAT is applied to the enrolment fee, and no invoice will be issued.

Those who decide to forgo enrolment must promptly notify the Continuing Education and Lifelong Learning Office in writing by fax (02.50312300) or e-mail (master@unimi.it).

Payment of the second instalment

The second instalment shall be paid by **31 July 2020** using the online Payment Management Service at http://studente.unimi.it/fo_pagamenti/checkLogin.jsp.

Late payment of the second instalment will be subject to a penalty fee of € 30.00 for payments made up to 15 days after the deadline and of € 60.00 thereafter (Regulations on fees, dues, exemptions and scholarships for academic year 2018/2019).

Withdrawal

Withdrawal from the Master's programme must be notified in writing. If withdrawal occurs prior to the actual start of the programme, any fees paid will be reimbursed, less a 10% charge covering general and administrative costs. Studies cannot be interrupted for any reason whatsoever.

Further information and privacy

For further information on the organization of the Master's programme, please refer to the University's website (<https://www.unimi.it/index.php/it/corsi/corsi-post-laurea/master-e-perfezionamento/catalogo-master>).

Pursuant to Legislative Decree no. 196 of 2003 (personal data protection), as amended and supplemented, as well as EU Regulation 679/2016 (General Data Protection Regulation, GDPR), the University undertakes to safeguard the confidential nature of the information provided by applicants; all data provided is processed solely for purposes related to the programme and



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possibly for managing the applicant's relationship with the University, in compliance with current legislation.

The privacy notice is available at <https://www.unimi.it/it/node/605>.

Milan, 17th of January 2020

THE RECTOR

(prof. Elio Franzini)

Signed Elio Franzini



Second level Master's programme in Pharmaceutical Medicine

Coordinator: Prof. Piergiorgio Messa

Learning objectives

The Master's programme, organized in collaboration with the Mario Negri Institute for Pharmacological Research - IRCCS and supported by Italfarmaco S.p.A., Novartis Farma, Pfizer S.r.l., and Zambon S.p.A., aims to provide participants with the skills required to work in the area of clinical pharmacology and pharmacological research in compliance with the ethical and regulatory principles governing all phases of drug development.

Theoretical lessons and practical activities will enable learners to:

- understand modern pharmacological principles and their clinical application;
- apply an integrative and multidisciplinary approach in clinical trials;
- design clinical research protocols;
- interact with regulatory authorities and know the applicable legislation;
- plan, collect and manage clinical trial data;
- apply the correct procedures for the coordination and monitoring of a clinical trial;
- understand pharmacovigilance principles and apply the appropriate drug safety monitoring procedures;
- understand Investigational Medicinal Product (IMP) production processes;
- critically assess research methods and experimental results;
- communicate research results and clinical implications to the scientific community and the population;
- know drug regulation and approval processes;
- know the national and European regulatory framework for drug quality and safety.



The acquired skills and practical experience are essential requirements for working in the field of clinical pharmacology in both academic and business environments.

Employment opportunities

The Master's programme in Pharmaceutical Medicine provides various career opportunities in:

- the pharmaceutical industry
- pharmaceutical regulatory agencies;
- academia or hospitals with clinical pharmacology departments and treatment and research institutes (IRCCS) for the coordination of research activities and clinical studies.

Places available

There are **14** places available.

The University reserves the right to assess whether it is possible to increase this number.

The University also reserves the right to determine whether or not to run the programme, should circumstances change.

Admission requirements

The programme is addressed to all those holding a master's or single-cycle master's degree awarded under Ministerial Decree 270/2004:

- LM-06 Biology;
- LM-9 Pharmaceutical, veterinary and medical biotechnologies;
- LM-13 Pharmacy and Industrial Pharmacy;
- LM-41 Medicine;
- LM-54 Chemistry;
- LM/SNT1 Nursing and obstetrics.

Graduands in the above programmes can apply for admission as long as they obtain their degree within the start date, or at the latest within three months from the start date, of the Master's



programme. In such case, the candidate will be admitted conditionally and will be required to self-certify, under penalty of exclusion, the possession of the degree within thirty days from the achievement date.

Selection procedure

Admission to the programme is through a written multiple-choice test and an individual interview, as well as assessment of the applicant's CV.

Evaluation criteria:

- Written multiple-choice test: 40%;
- Interview: 40%;
- CV assessment: 20% (publications and scientific value of the dissertation: 10%, professional experience in scientific research: 10%).

Candidates must score at least 60/100 for admission.

Admission tests will be held on **17 March 2020 at 9 am**, at the Mario Negri Institute for Pharmacological Research - IRCCS on via Mario Negri 2, 20156 Milan.

Programme organization

The programme will run from **6 April 2020 to 15 March 2021**. Classes will be held at the "Aldo e Cele Daccò" Centre for Clinical Research on Rare Diseases of the Mario Negri Institute for Pharmacological Research - IRCCS, on via G.B. Camozzi 3, 24020 Ranica (BG), at the Mario Negri Institute for Pharmacological Research - IRCCS on via Mario Negri 2, 20156 Milan, and at the University of Milan, on via della Commenda 15, 20122 Milan and on via Festa del Perdono 7, 20122 Milan. Students will have the opportunity to be accommodated at the guesthouse of the Mario Negri Institute for Pharmacological Research - IRCCS, in Bergamo.

The teaching programme comprises frontal lectures and other forms of training, such as practicals, workshops and attending congresses, for a total of **500 hours**.

Frontal lectures are structured as follows:

- Theory, applied research and innovation in the field of pharmacology;



- Ethical and regulatory requirements in clinical trials;
- Clinical studies in practice: project management and coordination;
- Statistics applied to clinical research;
- Scientific communication;
- Drug regulation;
- Drug discovery and development processes, regulatory and marketing issues in pharmaceutical industry management.

An internship period of **450 hours** will follow.

During the programme there will be assessments in the form of oral presentations to the research group on the Master's topics.

The final exam consists of the presentation of a poster on the research project findings.

Students are not awarded marks for interim or final exams, but a pass or fail; in the case of a 'fail' outcome, the exam must be repeated.

The Master's qualification is worth **60 university credits (CFUs)**.

Enrolment fee

Those admitted to the programme shall pay an enrolment fee of € **4,500.00** (including insurance coverage).

The enrolment fee shall be paid in two instalments:

- First instalment, amounting to € **1,516.00**, to be paid by the enrolment date;
- Second and final instalment, amounting to € **3,000.00**, to be paid by **31 July 2020**.

The first instalment includes stamp duty.

Programme administration

University of Milan

Via della Commenda 15, 20122 Milan



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Settore Formazione di terzo livello e relazioni internazionali

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For administrative enquiries

Continuing Education and Lifelong Learning Office

Open to the public Monday to Friday from 9 am to 12 noon

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