



SELECTION CALL FOR THE ADMISSION TO AN INTERNATIONAL STUDY PROGRAM LEADING TO THE AWARD OF A DOUBLE DEGREE

**LAUREA MAGISTRALE IN SCIENZE CHIMICHE / MASTER IN CHEMISTRY, specialty CHEMOINFORMATICS
(TWO-YEAR MASTER'S PROGRAM IN "CHEMOINFORMATICS")
ACADEMIC YEAR 2019-2020**

University of Milan (UNIMI) and Université de Strasbourg (UNISTRA) have jointly developed an integrated educational program at graduate level, leading to a double degree, involving the "Corso di Laurea Magistrale in Scienze Chimiche" of UNIMI and the "Master in Chemistry, specialty Chemoinformatics" of UNISTRA.

Structure of the international program leading to the award of a double degree

The term double degree program refers to a program at Master's level, two-year (120 ECTS), launched by the parties and leading to two corresponding degrees issued by each party for that program.

The double-degree international program agreed upon by UNIMI and UNISTRA consists of two full academic years, each worth 60 ECTS credits. In each academic year similar courses are taught and similar learning activities are carried out at UNIMI and UNISTRA, respectively. All students registered in the program will spend their first year at UNIMI and their second year at UNISTRA. They will defend their master's dissertation at their Home University.

At the end of the double-degree international program, registered students successfully completing their studies will obtain the degree of "Laurea magistrale in Scienze Chimiche" and the degree of "Master in Chemistry, specialty Chemoinformatics".

Admission criteria

For the academic year 2020-2021, UNIMI will select for participation in the double-degree international program up to 5 students registered as first-year students in the Scienze Chimiche Master Degree program.

The UNIMI students selected for the double-degree international program will simultaneously be recognized as UNISTRA students registered in the "Master in Chemistry, specialty Chemoinformatics", according to the study plan they select to follow in UNISTRA during their second year study stay in France (see below, Annex 1).

The following eligibility requirements must be satisfied at the moment of the application:

- a. applicants must be regularly registered as first-year students in the Scienze Chimiche Master program for the academic year 2019/2020;
- b. applicants must prove their English proficiency (B2 or higher) either providing an official language certificate (IELTS, FCE, TOEFL, etc.), or the Placement level/ certificate of level



issued by [SLAM -Servizio Linguistico dell'Ateneo di Milano](#). Proficiency statements made by a language teacher whatsoever will not qualify.

Mobility requirements

Only regular students enrolled in their second year of the Scienze Chimiche Master program during academic year 2020/2021 will be enabled to take part in the international study program.

Application procedure

Documents required for admission in the exchange program between UNIMI and UNISTRA are the following:

1. curriculum vitae (pdf/jpeg);
2. letter of motivation (pdf);
3. transcript of the undergraduate career, with the *matricola*, the grades obtained in all the exams taken and the final grade (screenshot of the relevant UNIMIA page- pdf/jpeg); Scienze Chimiche Master program's students that have graduated in a different University than UNIMI must fill up the form [Dichiarazione sostitutiva di iscrizione, conseguimento titolo, esami \(box 2\)](#) or, if available, the certification issued by the University where they graduated, with the information related to their undergraduate degree and career records;
4. transcript of the graduate career in the Scienze Chimiche Master program, with the *matricola* and the grades obtained in all the exams taken up until the date of the application submission (screenshot of the relevant UNIMIA page - pdf/jpeg);
5. English proficiency certificate/ SLAM certificate of level /Placement test (pdf/jpeg).

Applicants must submit their application along with all the relevant documents through the platform [elixForms](#).

Deadline: 15 June 2020– 12 pm (Italian local time).

Selection procedures

The applications will be assessed by a selection committee, composed by Prof. Fabio Ragaini (Chair), Prof. Laura Belvisi and Prof. Stefano Pieraccini (alternate member Prof. Laura Raimondi). After examining the applicants' dossiers, the committee will interview the applicants on **18 June, 2020** at **15 pm** via video-conference through Microsoft Teams.

After completing the interviews, the committee will rank the candidates according to their respective merit.

For each candidate the overall score will be obtained by summing up the following partial scores:

1. academic career and grades obtained in the exams taken in the Scienze Chimiche Master program (up to 50/100);
2. curriculum vitae (up to 10/100);
3. motivations (up to 20/100);



4. proficiency in English (up to 20/100).

Only candidates with an overall score of at least 70/100 will qualify for the international double degree program.

The final ranking will be published online on the UNIMI website [here](#) by **22 June, 2020**. No personal communication will be sent to the candidates.

Applicants in the first positions of the ranking must formally accept to enter the program within 3 days from the online publication of the ranking, through this [link](#).

If the selected candidate's acceptance is not received by the specified deadline, the same candidate loses her/his right to enter the program.

Ufficio Accordi e Progetti Internazionali per la Didattica e la Formazione will send the data of the selected candidates to the Host University for final approval.

Upon partner University's acceptance, Ufficio Accordi e Progetti Internazionali per la Didattica e la Formazione will contact selected student for information on administrative issues.

Financial aspects

Exchange students will pay tuition and fees to the Home University. The Host University will waive tuition and fees.

Exchange students will be covered with civil liability insurance and accident insurance provided by the University of Milan during the performance of their study activities at the Host University. Exchange students will personally provide for medical insurance coverage during their stay abroad.

The University of Milan will award the selected students a grant to contribute to cover travel and living costs abroad. The university grant will be awarded according to the student's income, based on ISEE statement as already submitted to Divisione Segreteria Studenti.

The awarding criteria will be as follows:

ISEE	Monthly allowance
less or equal to 13.000 euros	500 euros
from 13.000 to 21.000 euros	450 euros
from 21.000 to 26.000 euros	400 euros
from 26.000 to 30.000 euros and further	350 euros

The grant final amount will correspond to the study period actually spent abroad. In case of students not spending their period abroad entirely, the amount will be calculated by multiplying the number of days actually spent abroad by 1/30 monthly allowance.

Confidentiality



According to the Law, the University shall fully respect the confidential nature of any information furnished by the candidates: said information will only be processed for the purposes of the selection call, the formalization of any relation between the University and the candidates and the management of the relation thereof.

Contacts

Further information on didactic issues will be provided by the academic coordinators, [Prof. Laura Belvisi](#) and Prof. Stefano Pieraccini.

For information on administrative issues students are invited to contact Ufficio Accordi e Progetti Internazionali per la Didattica e la Formazione, international.education@unimi.it

IL RETTORE

Prof. Elio Franzini

Annex 1. STUDY PLAN

STUDENTS OF UNIMI AS HOME UNIVERSITY SECOND YEAR AT UNISTRA UNIVERSITY

- FIRST YEAR (UNIMI): Chimica Fisica A (9 CFU); Chimica Fisica B (9 CFU); Programming C (6 CFU); Metodi Matematici applicati alla Chimica (6 CFU); Metodi Fisici avanzati in Chimica Organica (6 CFU); Simulation Modeling of Biomolecules (6 CFU); Banche Dati ed Elementi di Chemoinformatica (6 CFU); a free choice course (6 CFU); English proficiency (B2 level, 3 CFU); master thesis (3 CFU).

- SECOND YEAR

First semester (UNISTRA): Chemoinformatics I (3 CFU); Chemoinformatics II (3 CFU); Chemoinformatics III (3 CFU); Data mining methods (3 CFU); Drug discovery (3 CFU); Structure-based drug design (3 CFU); Structural Biology and Molecular Modeling (3 CFU); Quantum Chemistry (3 CFU); Molecular Dynamics Simulations (3 CFU); Internet Technology (3 CFU), the last two exams as part of the master thesis.

Second semester: master thesis and final dissertation (30 CFU).