UNIVERSITÀ DEGLI STUDI DI MILANO

DIV. III-13/ED/MD

# CALL FOR APPLICATIONS FOR ADMISSION TO THE JOINT DEGREE MASTER PROGRAMME IN

## BIOINFORMATICS FOR COMPUTATIONAL GENOMICS

## ACADEMIC YEAR 2019 – 2020

**(amended with decisions n. 10488/19 on 18 June 2019, and n. 11637 on 4 July 2019)**

**THE HEAD OF STUDENTS OFFICE**

**HAVING REGARD TO**

Law no. 264 of 02.08.1999 regulating access to university courses;

**HAVING REGARD TO**

Ministerial Decree n. 270 of 22 October 24, "Amendments to the regulations on the didactic autonomy of universities" (*Modifiche al regolamento recante norme concernenti l'autonomia didattica degli atenei*) approved with Decree of the Minister for Universities and Scientific and Technological Research no. 509 of 3 November 1999;

**HAVING REGARD TO**

The decisions of the responsible academic boards concerning access to university programmes;

**DETERMINES**

A call for application for admission to the Joint degree Master programme in Bioinformatics for computational genomics (LM-8).

The programme is developed and organized jointly between the Università degli Studi di Milano (UNIMI) and the Politecnico degli studi di Milano.

### Art. 1- Admission requirements

To access the BCG Master degree programme candidates must have acquired, or will acquire before 31 October 2019, a bachelor degree (*laurea triennale*) in one of the following classes:

1. Biotechnology (class L2), Biology (class L13), Agriculture and Food Sciences (class L26), Pharmacological Sciences (class L29), with an adequate knowledge of the fundaments of genetics, molecular biology and biochemistry (at least 30 CFU in biological areas (SSD BIO) with at least 18 CFU in Molecular Biology (BIO/11), Biochemistry (BIO/10) and Genetics (BIO/18)).

   *or*

2. Information Engineering (class L8), Computer Sciences (class L31), Physics (class L30), Mathematics (class L35), with an adequate knowledge of the fundaments of computer science, information engineering and mathematics, with at least 30 CFU in the areas of computer science, information engineering, biomedical engineering, mathematics and/or statistics (SSD INF/01, ING-INF/05, ING-INF/06, MAT/01-09, and/or SECS-S/01), with at least 6 CFU in mathematics (MAT/01-09) and at least 12 CFU in one or

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more of the following areas: computer science (INF/01), information engineering (ING-INF/05), biomedical engineering (ING-INF/06), statistics (SECS-S/01).

Students satisfying one of the two above criteria will be admitted to an interview for the assessment of their scientific background knowledge.

The same criteria are applied to candidates in possession of foreign university degrees deemed to be suitable by the Teachers Council, in which it is possible to clearly identify disciplines and number of credits acquired for each discipline.

### Art. 2 – Number of places available

The number of places available for the first year is 50, plus 10 places reserved to non-European citizens resident abroad, applying for Visa.

### Art. 3- Admission procedure and deadline

Admission will begin on **23 May 2019** and terminate on **10 July 2019 at 12.00 midday**, at the very latest.

All candidates are required to apply online, according to the following procedure:

1. Register on the University portal (not required for those already registered on the portal or in possession of university login credentials);

2. Sign up to the Services for admission to *Master programmes with an entrance examination*, using university credentials:
   http://studente.unimi.it/ammissioni/a/magistraliProgrammato/checkLogin.asp

3. Select the programme they are interested in and fill the online application with the requested data.

4. Pay the fee of € 30.00 by the deadline for admission at the very latest, on pain of exclusion.

The online admission service also requires the uploading of the following documents in .jpg, .pdf or .rtf format:

- Curriculum vitae (in English)
- Diploma Supplement or, alternatively, a transcript of the student's records including courses and marks (in English or Italian)
- Letter of motivation (in English)
- Certificate for B2-level in English, if in possess.
- Passport (only the pages containing personal information) or other valid ID Document – (only for non-Italian candidates).

Applicants may also upload reference letters from internship supervisors or any other document relevant for the evaluation.

Transcripts from candidates of the Università degli Studi di Milano are acquired automatically. Candidates from other Italian Universities may upload a self-certification instead of the transcript.

In addition to their personal details, **candidates who have not yet graduated** must provide the total credits obtained, the average grade, exams taken and not yet recorded with the relative credits, exams not yet taken with the relative credits, and their expected date of graduation.

A receipt is issued at the end of the online procedure, which could be requested on the day of the exam together with the receipt of payment.

Any candidate who provides false details or is not in possession of the admission requirements will be excluded from the final ranking list.

## Art. 4 – Admission exam schedule and procedure

Students satisfying the criteria indicated in the art. 1 will be admitted to an interview for the assessment of their scientific background knowledge.

The interview will take place on **16 July 2019, h. 9.30 a.m.** at the Department of Biosciences, Via G. Celoria 26, Tower A, Floor 2.

Candidates must arrive at 9.00 a.m. bearing a valid identity document (preferably the one indicated during the online application).The exam will start after the identification. Candidates who arrive without identity document, with invalid one, or late will not be admitted to the interview.

Foreign applicants who are not resident in Italy and have achieved their bachelor degree abroad may opt for an online interview.

Students must be proficient in English, with a B2 level of competence. Students without a B2 placement test may be accepted on condition that their level of English proficiency, assessed during the interview, is evidently good.

It is advisable to check for any possible updates concerning dates, times, and location of the interview on the website: http://sites.unimi.it/bioinfo4gen.

## Art. 5 – Examining board

The examining board is appointed by the competent academic council and is composed by members of the Teachers Council.

**Art. 6 – Examination program and assessment criteria**

The interview will evaluate the expertise of the candidate in topics related to their bachelor degree.

The committee will evaluate each applicant on a 100-point scale:

- Up to 50/100 points will be given for the applicant resume (type of degree, exam grades, further courses attended, additional degrees, etc.);
- Up to 50/100 points for the interview

The minimum score required for admission is 60/100. In the event of two or more candidates with the same score, priority will be given to the younger candidate.

Candidates who pass the exam and achieve a sufficiently high position in the ranking list can register on the first year of the course.

**Art. 7 – Ranking list and enrolment**

**7.1 Ranking lists and enrolment of winners**

The ranking lists will be published **on 19 July 2019** on the University's website at the following page:
http://studente.unimi.it/ammissioni/g/graduatoriaprogrammati/checkLogin.asp.

Students who occupy the first 50 positions in the merit ranking must enrol on line **within 29 July 2019 at 2 p.m.** on the website at the page
http://studente.unimi.it/immatricolazioni/magistrale/.

**Non-EU candidates applying for visa**, will be placed in separated ranking lists on the basis of the score obtained in the exam. These candidates can enrol only if included in the quota of reserved places, set in art.2.

Publication of the ranking lists constitutes official communication to the candidates. Candidates will not receive any communication. They must personally consult the enrolment deadlines, scrolling of the ranking lists and every other information published on the webpage of the chosen degree course.

Enrolment of undergraduates will be validated only if they obtain their Bachelor's degree by 31 October 2019.

**7.2 Updating of the ranking lists**

Places left vacant after the deadline for enrolment indicated in 7.1 are assigned to the next students in the ranking list and will be published **from 30 July 2019** on the University's website at the following page:
http://studente.unimi.it/ammissioni/g/graduatoriaprogrammati/checkLogin.asp.

Candidates admitted for the places available must enrol **by 2 p.m. of 5 September 2019,** following the procedures indicated in point 7.1.

### 7.3 Candidates with qualifications gained abroad

Candidates with qualifications gained abroad must deliver the following documentation (showing originals and submitting photocopies) to the International Students Office (*Ufficio Studenti Internazionali) – Via Santa Sofia 9/1,* by 31 October 2019:

- First cycle degree (BSc. or equivalent), translated into Italian by an official translator, legalized by the competent authorities *(translation non required when the Diploma Supplement is provided)*
- "*Dichiarazione di valore in loco*" issued by the Italian diplomatic mission in the country in which the degree was obtained, or Diploma Supplement, or statement of validity issued by ENIC_NARIC centres or by diplomatic missions resident in Italy
- Copy of high school diploma in Italian, English, French, Spanish or German
- Italian tax code
- valid residence permit (only for non-EU candidates)

Verification of the validity of qualifications gained abroad is conducted on presentation of the official documents. Until then, candidates are admitted to the programme conditionally and may be excluded from the ranking lists if they prove not to have the necessary qualifications.

### Art. 8 – Procedure manager

Pursuant to law no. 241 of 7 August 1990 the manager of the procedure related to this announcement is Ms. Monica Delù (Head of the Students Welcoming Service).

For any further information regarding the content of the call please use the Infostudenti service www.unimi.infostudente.it by selecting the category: "Test, bandi e graduatorie".

Milan, 17 June 2019

THE HEAD OF STUDENTS OFFICE
Emanuela Dellavalle*