Call for application Master in Quantitative and Computational Biology

Academic Year 2018/19
(English translation – the only binding version is the Italian one)

Deadline:
a. 20th February 2018 at noon (12.00 GMT+1) reserved to non EU citizens living abroad
b. 12th June 2018 at noon (12.00 GMT+1) reserved to Italian, EU and non EU citizens living in Italy

Application Online: http://www5.unitn.it/Apply/en/Web/Home/master
Art. 1 Public Selection

1. The University of Trento announces a public selection based on qualifications and (if appropriate) interview, in order to select students for admission to the first year of the Master’s Degree Programme in Quantitative and Computational Biology for the academic year 2018/2019. Entry is restricted to 45 postitions, 4 of which are offered to non-EU citizens living abroad.

2. The Master’s Degree provides interdisciplinary teaching in the fields of Biology, Mathematics, Physics and Computer Science.

3. The official language of the course is English.

Art. 2 Admission Requirements

1. The selection process will be run in two sessions: one addressed to non-EU citizens living abroad and one to EU and non-EU citizens living in Italy.
   In case of insufficient number or possible withdrawals at the end of the selection process for non-EU eligible applicants, potential vacancies will be made available to EU applicants.

2. In order to be admitted to the Master in Quantitative and Computational Biology applicants are required to:
   a. hold a first-level university degree, or another qualification obtained abroad and recognized as valid, belonging to one of the following fields:
      - Biotechnology — L-2 (1)
      - Information Engineering — L-8 (9)
      - Life Science — L-13 (12)
      - Agro-food Science and Technology — L-26 (20)
      - Chemical Science and technology — L-27 (21)
      - Pharmaceutical Science and Technology — L-29 (24)
      - Physical Science and Technology — L-30 (25)
      - Information Science and Technology - L-31 (26)
      - Mathematical Science L-35 (32)

   Applicants who have not yet graduated within the application deadline are required to provide a certificate of enrollment which includes the expected graduation date.
   Once selected, those applicants need to submit a copy of the degree certificate not later than 31st July, 2018 (for non-EU applicants living abroad) and 30th November, 2018 (for EU and non EU applicants living in Italy) in order to be admitted to the Master’s degree programme.

   b. have obtained at least 6 CFU (1 CFU corresponds to 8 hours of lesson, computational laboratory or tutorial plus 17 hours of individual study) in the sectors BIO/* or CHIM/*, 6 CFU in MAT/*, 6 CFU in FIS/*, 6 CFU in INF/01 or ING-INF/05 during the first-level degree. The Selection Committee can consider exams in different fields whether the programme respects the minimum requirements stated in the Didactic Regulation of the Master in Quantitative and Computational Biology;

   c. have a minimum intermediate level of English (Level B1), according to the Common European Framework of Reference for Languages (CEFR), the required level will have to be proved by:
      - either one of the English language certifications listed on the CLA website or by another certification issued by recognized language institution or university;
• or a written statement issued by the applicant’s university stating that English is the official teaching language of the Bachelor’s degree programme;

• or a self-certification attesting that the applicant is a citizen from an English-speaking country and/or has graduated in an English-speaking country;

• or a self-certification attesting that the applicant is an English native speaker.

2. Applicants who will not be able to prove their English knowledge within the given deadline, will have to declare in the online application by what date they will be able to fulfil said requirement. By 30th September 2018 applicants will have to provide a definite certification of language knowledge.

Art. 3 Application procedures and deadlines

1. In order to be admitted to the selection process, applicants are required to complete the online application form at the link: https://webapps.unitn.it/Apply/en/Web/Home/master.

2. The online application form must be submitted within the following deadline:
   a. 20th February 2018 at noon (12.00 GMT+1) reserved to non EU citizens living abroad;
   b. 12th June 2018 at noon (12.00 GMT+1) reserved to Italian, EU and non EU citizens living in Italy.

3. For any technical problems during the application procedures, please email to masterbio@unitn.it. No application submitted after the deadline and/or not following the procedure explained at comma 1 of the current article will be taken into consideration.

4. Applicants are required to upload the following supporting documents in electronic format:
   a. copy of a valid passport (photo and personal data only) or ID card (EU candidates only);
   b. copy of the degree certificate or the certificate of enrolment including the expected graduation date (an official translation of the degree certificate is required when the original document is not produced in English or Italian);
   c. copy of the transcript of academic records including examinations, results, credits and grading scale (an official translation of the transcript of records is required when the original document is not produced in English or Italian);
   d. curriculum vitae et studiorum, written in English, using the European format available at the following link: http://europass.cedefop.europa.eu ;
   e. certification attesting the English language knowledge (please check art. 2 point 1.c);
   f. statement of purpose.

5. All applicants are required to pay an application fee of € 15.00 (fifteen euro) within the deadline. Only credit card payment is allowed. Missing payment will lead to the exclusion of the applicant.
Art. 4 Selection and ranking of candidates

1. The Selection Committee will be nominated by the Rector of the University of Trento and composed by at least three professors from the Centre of Integrative Biology and/or Departments of Engineering and Information Science, Physics and Mathematics of the University of Trento.

2. The Selection Committee will verify the regularity of all applications and proceed to evaluate only the eligible candidates. The Selection Committee can hold meetings via computer-based means.

3. The Selection Committee will shortlist the eligible applicants by awarding each candidate a maximum of 100 points, taking into account the following criteria:
   a. coherence between applicant’s previous studies and the academic objectives of the Master’s degree programme in Quantitative and Computational Biology (assigning up to 40 points);
   b. academic curriculum (assigning up to 35 points);
   c. statement of purpose (assigning up to 25 points).

4. Applicants might be invited to interview (in person or via Skype), only if the Selection Committee requires the collection of further information on the applicant’s academic skills and personal competencies.

5. Applicants awarded a score of at least 50 out of 100 points will be considered eligible.

6. In a tiebreaker situation, priority will be given to younger applicants. In case this brings to another tiebreaker, priority will be given to the candidate that scored the higher points at the criterion listed at comma 3, letter c. of the present article. In case this brings to another tiebreaker, priority will be given following the aforementioned method regarding the criterion listed at comma 3, letter a. and lastly, if needed, letter b.

7. Two shortlists of the selected applicants will be published at the link:
   http://international.unitn.it/mqcb/results-and-pre-enrollment-procedures.

Art. 5 Admission and enrolment

1. Eligible admitted applicants will be asked to pay an enrolment confirmation fee for the amount of €100.00 (one hundred euro) within 7 days from the publication of the shortlist to confirm the acceptance of the place. The fee will be reimbursed only in case of enrolment.

2. Applicants who fail to complete the steps set out at point 1 of the current article will be automatically excluded from the Master’s degree programme. Candidates who intend to renounce their place are strongly invited to notify as soon as possible the Committee by e-mail to masterbio@unitn.it.

3. All potential vacancies will be progressively offered to the following eligible applicant on the shortlist.

4. All non-EU applicants living abroad who have confirmed their intention to access the Master’s degree programme and paid the enrolment confirmation fee, will be asked to start with the pre-enrolment procedures at the Italian Embassy or Consulate in their country of origin between May and June 2018. These procedures are binding to proceed with the application of visa and at a later stage with the formal enrollment in the Master’s degree programme at the University of Trento. All candidates are advised to read the procedures that must be followed at http://international.unitn.it/incoming/two-year-master-english-non-eu-outside-italy.

5. Information about enrolment process and timing will be available on the UniTrento website after the publication of the rankings.
Art. 6 Tuition fees for non EU citizens living abroad

1. The maximum tuition fees amount for non-EU citizens living abroad is € 10,000.00 per academic year; further details are available at: http://international.unitn.it/incoming/tuition-fees

2. The amount of the tuition fees can be reduced on the basis of the application score as follows:

<table>
<thead>
<tr>
<th>Tuition Fees Amount</th>
<th>Application score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption from paying tuition fees</td>
<td>Application score between 90/100 and 100/100</td>
</tr>
<tr>
<td>€ 1.000</td>
<td>Application score between 70/100 and 89/100</td>
</tr>
<tr>
<td>€ 3.000</td>
<td>Application score between 60/100 and 69/100</td>
</tr>
<tr>
<td>€ 6.500</td>
<td>Application score between 50/100 and 59/100</td>
</tr>
</tbody>
</table>

3. Top scored (over 90/100) non EU citizens living abroad will be entitled to receive a scholarship. Scholarships will be assigned when the short list will be published.

Art. 7 Tuition fees for EU citizen and non EU citizens living in Italy

1. Tuition fees for EU and non-EU students living in Italy are published yearly at the following link: http://infostudenti.unitn.it/en/tuition-fees. Tuition fees can be partially or completely reduced based on the economic condition, evaluated by the specific indicator (ISEE indicator) applicable to all EU students.

Art. 8 Further Information and data protection

1. Information concerning the study documentation required for EU citizens with degrees awarded in EU countries other than Italy is available at the following link: http://international.unitn.it/incoming/two-year-master-english-eu-citizens

2. Information concerning ministerial pre-enrolment procedures and academic documentation required for non-EU citizens resident abroad is available at: http://international.unitn.it/incoming/two-year-master-english-non-eu-outside-italy.

3. Information concerning ministerial pre-enrolment procedures and study documentation required for non-EU citizens living in Italy is available at the following link: http://international.unitn.it/incoming/two-year-master-english-non-eu-in-italy

4. Information about the cost of living in Trento is available at the following link: http://international.unitn.it/incoming/cost-of-living

5. The personal data provided (in paper or electronic form) by candidates will be treated in accordance with current legislation (Italian Law 196/2003).

Trento, 20th November 2017

On the Rector’s behalf
The Director of Didactics and Services to Students
F.to Dott. Paolo Zanei