



Albo n. 1326/2017

Call for applications
for the 1st level Specializing Master's Programme in
"FoodTech"
(1st edition)

Academic Year 2017/2018

(Annex "A" - Executive Decision of the Head of the Division of Student Affairs no. 992/2017 of 26th July 2017)



ART. 1

Programme overview

The 1st edition of the 1st level Specializing Master's Programme in "FoodTech" is offered for the academic year 2017/2018 in collaboration with Città del gusto Holding (Gambero Rosso Group) and I3P Incubator.

The administrative seat of this Specializing Master Programme is located at Politecnico di Torino – Office of Specializing Masters Programmes and Lifelong Learning ("Ufficio Master e Formazione Permanente").

The programme is managed by the "Specializing Master's Programmes and Lifelong Learning School" ("Scuola di Master e Formazione Permanente").

The Scientific Advisory Board is composed of: Marco Cantamessa (Politecnico di Torino), Francesca Montagna (Politecnico di Torino), Camilla Carrega Bertolini (Gambero Rosso), Massimiliano Ceaglio (I3P).

The Programme Director is Marco Cantamessa, professor at the Department of Management and Production Engineering (DIGEP) of Politecnico di Torino.

ART. 2

Training objectives, learning contents and organization of the activities

The purpose of the Programme is developing a new professional skillset, combining sector-specific knowledge together with competences in management, innovation and entrepreneurship.

The 1st level Specializing Master is a full time programme of one academic year duration for a total of 64 ECTS; it will start in February 2018 and end in January 2019.

Lectures will be held in English at Politecnico di Torino premises and I3P incubator – starting in February 2018 and ending in July 2018. A project work on a business idea will start in parallel to the academic lectures and will continue to the end of the programme.

The teaching programme includes 5 months of classroom activities with academic and corporate teaching staff and it is organized as follows:

- 290 hours classes (lectures, case-based discussions, technical visits);
- 875 hours project work;

Table n.1 – Courses

| n. | COURSES | ECTS | HOURS | TEACHER |
|--------------|--|-----------|-------------|-------------------------|
| 1 | Strategic management of technological innovation | 2 | 20 | Politecnico di Torino |
| 2 | Lean innovation and startup creation | 3 | 30 | Politecnico di Torino |
| 3 | Project management | 2 | 20 | Politecnico di Torino |
| 4 | Information Technology and Strategy | 2 | 20 | Politecnico di Torino |
| 5 | Business Analytics | 3 | 30 | Politecnico di Torino |
| 6 | Accounting and finance | 2 | 20 | Politecnico di Torino |
| 7 | Fundraising | 3 | 30 | Città del gusto Holding |
| 8 | Economics of the food industry | 3 | 30 | Città del gusto Holding |
| 9 | Foundations of food industry technology | 3 | 30 | Città del gusto Holding |
| 10 | Marketing in the food industry | 3 | 30 | Città del gusto Holding |
| 11 | Operations Management | 3 | 30 | Politecnico di Torino |
| 12 | Project work | 35 | 875 | |
| TOTAL | | 64 | 1165 | |



ART. 3 Admission's requirements

Degree

The programme is intended for Italian and foreign citizens who obtained a Bachelor's degree (or equivalent or higher academic qualification), with at least 3 years of university education; the degree has to be obtained in one of the following areas of study or degree classes ("classi di laurea"):

- L-2 BIOTECNOLOGIE/ Biotechnologies
- L-4 DISEGNO INDUSTRIALE/ Industrial design
- L-7 INGEGNERIA CIVILE E AMBIENTALE/Civil and environmental engineering
- L-8 INGEGNERIA DELL'INFORMAZIONE/Information technology engineering
- L-9 INGEGNERIA INDUSTRIALE/ Industrial engineering
- L-13 SCIENZE BIOLOGICHE/ Biology
- L-15 SCIENZE DEL TURISMO/Tourism
- L-16 SCIENZE DELL'AMMINISTRAZIONE E DELL'ORGANIZZAZIONE/Public Administration and Organization
- L-17 SCIENZE DELL'ARCHITETTURA/Architecture
- L-18 SCIENZE DELL'ECONOMIA E DELLA GESTIONE AZIENDALE/Economics and management
- L-21 SCIENZE DELLA PIANIFICAZIONE TERRITORIALE, URBANISTICA, PAESAGGISTICA E AMBIENTALE/Town, regional and environmental planning
- L-23 SCIENZE E TECNICHE DELL'EDILIZIA/Building Sciences
- L-25 SCIENZE E TECNOLOGIE AGRARIE E FORESTALI/Agriculture and forestry
- L-26 SCIENZE E TECNOLOGIE ALIMENTARI/ Food industry
- L-27 SCIENZE E TECNOLOGIE CHIMICHE/Chemistry
- L-30 SCIENZE E TECNOLOGIE FISICHE/Physics
- L-31 SCIENZE E TECNOLOGIE INFORMATICHE/Computer Science
- L-32 SCIENZE E TECNOLOGIE PER L'AMBIENTE E LA NATURA/Environmental sciences
- L-33 SCIENZE ECONOMICHE/Economics
- L-35 SCIENZE MATEMATICHE/Mathematics
- L-41 STATISTICA/Statistics

In the case of particularly qualified applicants, the Selection Committee may nonetheless evaluate candidates who have obtained a Bachelor's degree in different areas.

The Selection Committee will evaluate candidates who have not graduated yet (Bachelor of Science) upon condition that they will obtain their degree within the enrollment deadline. In case they will not obtain the degree within the enrollment deadline, they will not be admitted to the programme.

English language

All candidates must prove to have a good knowledge of the English language, which must be certified by a language certificate included in the list of accepted certificates (see **Table n.2 - English language certificates** at the end of this article in order to know the required level and accepted certificates).

Candidates who have a Bachelor's degree or a Master's degree or a higher academic qualification from an Academic Institution where English is the medium of instruction do not need to submit these certificates. In this case, the Academic Institution must issue a transcript of records stating that "The medium of instruction is English".



Table n.2 – English language certificates

| Examination Board | Certificate | Minimum score accepted |
|---|--|--|
| ETS http://www.ets.org/toefl | TOEFL (Test Of English ad a Foreign language) - ibt | 72 |
| | TOEFL (Test Of English ad a Foreign language) - cbt | 228 |
| | TOEFL (Test Of English ad a Foreign language) - pbt | 568 |
| | TOEIC (Test of English for International Communication) | Listening: 400 Reading: 385 Speaking: 160 Writing: 150 |
| Cambridge English Language Assessment (http://www.cambridgeenglish.org/exams/) | Cambridge Preliminary English Test (PET) | Pass with Distinction |
| | Cambridge English First (FCE) | |
| | ADVANCED/CAE | |
| | PROFICIENCY/CPE | |
| | BULATS | -Reading & Listening: overall score 60 - Writing: overall score B2 -Speaking: overall score B2 |
| IELTS (https://www.ielts.org/) | IELTS (International English Language Testing System) – Academic or General training | 5.5 |
| Trinity College London (http://www.trinitycollege.com/) | Trinity ISE | ISE II |
| Pearson (http://pearsonpte.com/) | Pearson Test of English Academic | 59 |
| LCCI – EDI / Pearson (http://qualifications.pearson.com/en/qualifications/lcci.html) | JETSET | JETSET Level 5 or higher Reading: 50% Writing: 50% Listening: 50% Speaking: 50% |
| | ELSA (English Language Skills Assessment) | Reading, Writing, Listening and Speaking: B2 in all 4 tests |
| CaMLA (http://www.cambridgemichigan.org/exams) | Michigan ECPE (Examination for the Certificate of Proficiency in English) | |
| | Michigan ECCE (Examination for the Certificate of Competency in English) | |
| telc gGmbH (https://www.telc.net/en.html) | TELC | Reading, Writing, Listening and Speaking: B2 in all 4 tests |
| AKS Unicert (http://www.unicert-online.org/en) | UNicert II | UNicert II |

ART. 4

Admission and Selection Procedures

The Specializing Master's Programme is open to a maximum of **25** participants.

Applications must be completed on-line by filling out the application form available on Politecnico di Torino website at: <https://didattica.polito.it/master/foodtech/2018/howtoapply>

Application form must be submitted within the following deadline:

- **November 24th, 2017** at 11:59 p.m. - Italian time

ALL the following supporting documents must be attached to the application form on Politecnico di Torino website (in English or Italian only):

1. valid identification document (passport for extra-EU applicants)
2. curriculum vitae (CV must include the authorization to the processing of personal data – in compliance with Legislative Decree no. 196/2003)
3. English certificate (see table n. 2 “English language certificates”, art. 3)
4. list of exams of Bachelor's degree programme:



- for applicants with degree(s) obtained from a non-Italian University: official transcript(s), issued by the University of origin, produced on headed paper, containing the full list of all the exams passed and the grades obtained. The transcript(s) must also include the date of the degree conferral.

If applicants obtained also a Master's degree, they need to upload 2 official transcripts for **both degrees** (Bachelor of Science and Master of Science).

Upon enrolment, the admitted candidates must submit the original copy of the "Dichiarazione di Valore"/"Statement of validity" (related to the Bachelor's degree) issued by the Italian Diplomatic Mission in the country where the qualification was awarded. If the Bachelor's degree was awarded by a University based in the EU, admitted candidates can turn in the "Diploma Supplement" instead of the "Dichiarazione di Valore".

or

- for applicants with degree(s) obtained from an Italian University: self-certification ("dichiarazione sostitutiva di certificazione" - Art. 46 DPR 28 December 2000, n. 445) in which applicants declare to have obtained the Bachelor's degree. If applicants obtained also a Master's degree, they need to upload 2 self-certifications for **both degrees** (Bachelor of Science and Master of Science).

The self-certification(s) must include: the name of degree, the name of the University, the date of degree conferral and the graduation final grade, the full list of all the exams passed and the grades obtained (if a candidate obtained also a Master's degree, this information is required for **both degrees**).

In compliance with art. 75 of D.P.R. 445/2000, should the self-certification be found to be false or incorrect, the applicant loses any benefit which he/she might have acquired on the basis of the untruthful declaration.

5. Admission Request Form (available on the webpage of the Specializing Master's Programme <https://didattica.polito.it/master/foodtech/2018/howtoapply>)
6. Motivation letter which should be no more than 3.000 characters in total (spaces included).

As an Appendix to the motivation letter, applicants are also encouraged to attach the description of a business idea in a field relevant to the programme, and which they would like to pursue as a project work. This description should be contained either in a text with no more than 5.000 characters in total (spaces included), or on a presentation deck with no more than 12 slides.

Failure to attach even one of the above mandatory documents will result in the exclusion from the selection process.

In order to be admitted to this Specializing Master's Programme, applicants have to pass the selection process, which consists of two steps. The final decision is taken by the Selection Committee composed of Politecnico di Torino and Città del gusto Holding representatives.

1st step: preliminary screening

After the application deadline the Selection Committee will evaluate all the applications received on the basis of the documents attached to the application form. The Selection Committee will check if the admission's requirements are met.

Candidates will be graded on the basis of the documents attached to the application form.

The Selection Committee will evaluate the documents received and will assign a maximum of **60 points** on the basis of the following criteria:

- Bachelor of Science final grade (in case of Bachelor's degree conferred without final grade, or Bachelor's degree not yet obtained, the average will be considered): maximum 25 points
- Prior experiences in the food sector: maximum 10 points
- Motivation letter and eventual business idea: maximum 25 points



2nd step: interview

The best 30 candidates will be admitted to the 2nd step of the selection process, which consists in an interview, carried out in English, for the assessment of their technical knowledge and for the evaluation of their motivation. The list of candidates eligible for interview will be published on the “selection outcomes” page of the related web site.

The interview gives a maximum score of 40 points.

During the interview, the Selection Committee will assess the following elements:

- motivation and enthusiasm for the programme: maximum 15 points;
- capability of envisioning the trends occurring in the food industry: maximum 10 points;
- communication and interpersonal skills demonstrated during the presentation: maximum 7 points;
- fluency in spoken English: maximum 8 points;

Candidates must attend the interview on the assigned date, at the time and place that will be communicated in an e-mail sent from Politecnico di Torino. Failure to attend the interview will lead to exclusion from the selection process.

All communications will be sent to the email address provided in the application form.

The person responsible for the admissions administrative procedure is Mrs. Antonella Mina (Head of the Specializing Masters Programmes and Lifelong Learning Office at Politecnico di Torino).

ART. 5

Enrolment

Admitted candidates who accept the offer to participate in the programme will have to enrol at Politecnico di Torino by February 19th, 2018 (starting date of the Specializing Master's Programme).

Upon enrolment, participants who hold a degree from a non-Italian University must submit the original copy of the “Dichiarazione di Valore”/“Statement of validity” (related to the Bachelor's degree) issued by the Italian Diplomatic Mission in the country where the qualification was awarded.

If the Bachelor's degree was awarded by a University based in the EU, participants can turn in the “Diploma Supplement” instead of the “Dichiarazione di Valore”.

Participants who are non-EU citizens and reside in Italy must submit a valid Italian residence permit.

Participants who are non-EU citizens and reside abroad must submit an Italian VISA for study purposes “type – D”.

ART. 6

Evaluation and qualification

STUDENT OBLIGATIONS

The Specializing Master's Programme requires the participants a full time commitment. Attendance to the activities is mandatory for at least 80% of the programme.

Absences will be allowed up to a maximum of 20% of total classroom hours. Absences for more than 20% of total classroom hours will lead to exclusion from the Specializing Master's Programme.

Withdrawal from the programme must be put in writing.

For the purpose of obtaining the Specializing Master's degree, the Scientific Committee will also evaluate the student participation in the activities and the appropriateness of his/her behaviour.

Participation will be subject to performance evaluation throughout the programme. Participants who fail exams for 18 ECTS or more will be excluded from the programme.

It is not possible to be enrolled in a Specializing Master's Programme and in another University programme at the same time.

EVALUATION METHOD

For each course participants will have to take an exam consisting in a written evaluation test or case-based discussions according to the specific rules defined by each professor. At the end of the programme the final presentation (dissertation of the project work) will allow to assess the student's skills.



QUALIFICATION

After completing the programme, participants who have regularly attended the activities and reached the total amount of 64 ECTS required for graduation, will be awarded the "FoodTech" 1st level Specializing Master's degree by Politecnico di Torino. The diploma will be issued in Italian.

ART. 7

Participation and enrolment fee

The participation fee is 10.000,00 Euro (ten thousand/00) + 19,53 Euro (nineteen/53) as *enrolment fee*: the total amount shall be paid to Politecnico di Torino according to the following installments:

- 1.000,00 Euro within the deadline which will be defined by Politecnico for participants to accept the offer for the Specializing Master's Programme
- 4.000,00 Euro at the time of enrolment + 19,53 Euro (nineteen/53)
- 5.000,00 Euro within July 2018

The participation and the enrolment fee can be paid by wire transfer through the "Apply@Polito" platform. In case of withdrawal or exclusion from the programme the participation and the enrolment fee won't be refunded by Politecnico di Torino under any circumstances.

The programme will start only if the minimum number of 14 participants required is reached.

FOR ANY INQUIRY OR ADDITIONAL INFORMATION PLEASE CONTACT:

Office of Specializing Master's Programmes and Lifelong Learning
Corso Duca degli Abruzzi, 24 - 10129 Torino (ITALY)
e-mail: master.universitari@polito.it

ART. 8

Privacy policy and access to documents

The information provided for in Article 13 of the "Code regarding the protection of personal data" (Legislative Decree No. 196 of 30th June 2003) is available at: <https://didattica.polito.it/privacy/>.

The personal data included in the on-line application form are treated for the selection and enrolment process only; the data are used by Politecnico di Torino within the institution itself, and exclusively for the purposes of the institution: for this reason, personal data are shared with various offices within the University (to carry out the activities within their competence) without further notification to the applicants.

The personal data included in the on-line application form are also forwarded to Città del gusto Holding by Politecnico di Torino for selection purposes.

Owner of the database is Politecnico di Torino, represented by the Rector, with legal seat in Corso Duca degli Abruzzi, 24-10129 Torino.

The person in charge of the student data is the Head of the Division of the Division of Student Affairs.

Access to all documents is allowed in the forms provided for by current Legislation.

ART. 9

Final provisions

1. Communication with candidates will take place primarily through the "Apply@Polito" platform. Specific communications might be sent via email or SMS using the contact details provided by candidates during registration on the platform.
2. Politecnico does not take any responsibility in case of unavailability of recipients and for loss of communications due to inexact indication of a candidate's email address or telephone number or due to delay or failure to notify changes to the contacts provided during registration.
3. This Call is published on the online University Bulletin available at https://www.swas.polito.it/dotnet/albo_online/. The same can be found on <https://didattica.polito.it/master/>