



innovation in food science and technology

MASTER UNIVERSITARIO INTERATENEO DI SECONDO LIVELLO - MICHELE FERRERO

innovazione nelle scienze e tecnologie alimentari

UNIVERSITÀ DEGLI STUDI DI TORINO

Second-level Master's Degree (Second level Continuing education program)
in

INNOVAZIONE NELLE SCIENZE E TECNOLOGIE ALIMENTARI - Michele Ferrero

(INNOVATION IN FOOD SCIENCE AND TECHNOLOGY – Michele Ferrero)

ACADEMIC YEAR 2020/2021

CALL FOR APPLICATION

1. OUTLINE

The inter-University Second-level Master's Degree in "Innovation in Food Science and Technology – Michele Ferrero" will be activated, for the academic year 2020/2021, by the Department of Agricultural, Forest and Food Sciences at the University of Turin and the Faculty of Agriculture, Food and Environmental Sciences at the "Università Cattolica del Sacro Cuore" – Piacenza Campus.

2. AIMS OF THE COURSE AND PROFESSIONAL PROFILE

This second-level postgraduate degree (Second level Continuing education program) aims to provide to graduates, with suitable university education in different scientific sectors, an education and training in innovation in food science and technology. Food science and technology is inherently interdisciplinary, the challenge of the course is to provide training program that includes basic disciplines (i.e. food chemistry, food microbiology, food technology and nutrition) as well as advanced courses in the specific area of study.

The academic background provided by the program will allow post-graduates to use their skills to manage, with an international and innovative approach, the research and development of new food products, with particular attention to product and process quality.

The 2020-2021 Master's edition focuses on "INNOVATION", as a key characteristic of FOOD SYSTEM, SUSTAINABLE NUTRITION, and PERSONALIZED HEALTH & NUTRITION. A multidisciplinary approach and international perspective characterises the teaching activities.

The Master prepares for a career in highly skilled jobs in different and related Food industry areas, such as Research and Development, Quality Assurance, Quality Control, Technical Management, Production Management, Nutrition Management, Food Regulatory, Food Communication (Corporate, Media & Press, ADV...).

3. COURSE STRUCTURE

The Master's Degree takes one academic year. The programme is constituted by **60** European Credit Transfer System (ECTS), of which **40** are for lectures, seminars, webinars to crosslink different topics, laboratory sessions and/or case study groups, **18** are for virtual but interactive training (under the strict supervision of academic and company mentors), and **2** for the final dissertation.



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The subjects are organized into integrated courses as follows:

- Food System and Regulatory
- Food Health and Food Choice
- Food Technologies
- Food Quality and Safety

Lessons will be held in English.

Course venue

In order to prevent the possible health risk associated with the Coronavirus pandemic, the course will be totally delivered online.

4. ATTENDANCE AND EXAMS

Attendance of lectures is mandatory and will be certified by the teachers. Participants who fail to attend 25% or more of the lessons will not receive the Master's Degree.

Participants obtain the University Credits by passing periodic examinations on the acquired competences of the integrated courses. The Master's grading system complies with the Italian undergraduate regulation. The required minimum pass grade is 18/30 for each exam.

The Master's Degree in "Innovation in Food Science and Technology" is awarded after a final examination on the overall skills acquired, taking into consideration the training activities and the discussion of the student's dissertation. The evaluation of the final exam is expressed in a scale of 110.

In case of non-attendance, low advancement or reprehensible behaviour, the Scientific Committee of the Master may decide to exclude the participant from the course.

5. NUMBER OF PARTICIPANTS

The Master's Degree is a limited entry course. The maximum number of participants is 12 (twelve) and the minimum number of participants needed to activate the Master's Degree course is 8 (eight).

A further reserve of 4 (four) places will be kept for auditor students.

6. ENTRY REQUIREMENTS

To access the second-level Master's Degree course, candidates must hold an MSc academic degree (second cycle (master) degree, a postgraduate degree or 5-year/6-year postgraduate degree, laurea specialistica/magistrale), in accordance with the new Italian university system (pursuant to Ministerial Decree 509/99 or Ministerial Decree 270/04), or an equivalent qualification obtained abroad, in one of the following classes:



LM-41	Medicine and Surgery
LM-42	Veterinary Medicine
LM-69	Agricultural Science and Technology
LM-70	Food Science and Technology
LM-86	Livestock and Agricultural Science and Technology
LM-54	Chemical Science
LM-6	Biology
LM-7	Agricultural Biology
LM-8	Industrial Biotechnologies
LM-9	Medical, Veterinary and Pharmaceutical Biotechnologies
LM-13	Pharmacy and Industrial Pharmacy
LM-61	Human Nutrition
LM-71	Science and Technology of Industrial Chemistry
LM-22	Chemical Engineering

For admission to the Master's course, a B2 level or higher of English language knowledge, in accordance with the Common European Framework of Reference for Languages (CEFR), is required.

6.1. ADMISSION WITH RESERVE

Candidates currently graduating in Italy in the above degree courses may be admitted to attend the Master's Degree course "with reserve" and, on pain of invalidity, they must give prompt notification of their qualification, which has to take place before the start of the Master's course. In case the beginning of the course is postponed, the start date of the course reported in the call will remain a mandatory deadline for the acquisition of the qualification required for the admission.

6.2. ADMISSION OF AUDITOR STUDENTS

Participants who have the requisites for the Master's Degree interested in further study of the subjects dealt with in the lectures, and wish to improve their professional preparation, may be admitted as auditor students (non-examination students) to participate in Master's Degree lectures. Auditor students will not be allowed to take part to the company training. At the end of the course, auditor students will receive a certificate of attendance signed by the Director of the Master's Degree. In addition, the auditor students, as regulated by the Tax and Contribution Regulations of the University of Turin, will pay a tuition fee (as reported in section 9).

6.3. ADMISSION OF FOREIGN STUDENTS

For Italian or foreign students (EU citizen or non-EU citizen) holding a foreign academic qualification that has not been declared yet as equivalent to an Italian degree, and for the purposes of admission to the Master's Degree, the Scientific Committee will evaluate the qualification and its eligibility, in compliance with applicable international agreements¹.

¹ Pursuant to article 6 – subsection 6 of Ministerial Decree 509/99 and subsequent amendments



7. ADMISSION APPLICATION TO THE SELECTION

The application, with the documentation listed below, must be submitted using the dedicated Google Form (available at the link [Application Form](#) and at the website www.masterferrero.unito.it) no later than **1 p.m. CEST on Monday 5th October 2020**. **The candidate will need a Gmail account to use Google Form.**

The applications and documentation received after the above deadline will not be processed.

ADMISSION WITH ITALIAN DEGREE

- **Italian and foreign citizens (nationals of EU and non-EU countries) who have an academic qualification awarded in Italy** must submit the following documents together with their application:
- Copy of a valid ID card/passport, legible and duly signed;
 - Copy of the Italian fiscal code (codice fiscale);
 - Updated European *Curriculum vitae*, including details of all academic qualifications;
 - Self-certification of the university degree, including marks and ECTS assigned to each exam;
 - English language Proficiency Certificate – B2 First or higher (if available and mandatory before the matriculation);
 - Letter of recommendation (if available);
 - Two minutes presentation video;
 - Any other title that the candidate intends to present (certificates, publications, etc.).

Applications may also be submitted by candidates, of all nationalities, about to graduate in Italy (application under condition). In this case, the admission to the program is conditional on the Candidate submitting, before the start of the Master's course, a valid certification of the obtained degree. If this does not happen, the Candidate's application will automatically be excluded.

Applicants applying under condition to attain their Italian Master's Degree, must upload a self-certification including transcripts of records with grades, weighted average and credits related to their Master's Degree and their Bachelor's Degree.

ADMISSION WITH FOREIGN DEGREE

- **EU citizen or non-EU citizen who have an academic qualification awarded abroad** must submit the following documents together with their application:
- (a) Copy of a valid ID card/passport, legible and duly signed;
 - (b) Copy of the Italian fiscal code (if owned);
 - (c) Updated European *Curriculum vitae* including details of all academic qualifications;
 - (d) Original/certified copy of **foreign degree** (undergraduate and postgraduate degree for 2nd level continuing education programs), provided with a certified translation into Italian (the translation into Italian is not required if the original document is issued in English, French or Spanish), [legalization](#) (if required), and one of the following documents:



- declaration of equal value ("dichiarazione di valore") issued by the competent Italian Embassy/Consulate in the country where the foreign degree was obtained
 - statement of comparability issued by ENIC-NARIC centres (<https://www.enic-naric.net/>);
- (e) Original/certified copy of the degree program **transcript of records** (undergraduate and postgraduate degree), issued by the foreign Institution/University, including marks and ECTS assigned to each exam, provided with a certified translation into Italian (the translation into Italian is not required if the original document is issued in English, French or Spanish) and legalization (if required).
- If a **Diploma Supplement** is possessed, provided with legalization (if required), this document may be presented as an alternative to both documents listed above [(d) degree provided with Declaration of equal value/Statement of comparability and (e) transcript of records];
- (f) English language Proficiency Certificate – B2 First or higher (if available and mandatory before the matriculation);
- (g) Letter of recommendation (if available);
- (h) Two minutes presentation video;
- (i) Any other title that the candidate intends to present (certificates, publications, etc.).

The University of Turin reserves the right, at its sole discretion, to request further documents if necessary for evaluating your educational background.

If not all the required documents listed above are available but the candidate holds a valid qualification to enrol in the Master's Degree, an enrolled **under a provisional status** ("ammissione con riserva") will be carried out and all missing documents will have to be submitted **within one month from the end of the course** (which is identified with the first session of the graduation exam).

To verify the required academic documents for the enrolment, it is necessary to include at least the following ones (or as alternative the Diploma Supplement):

- Original/certified copy of **foreign degree** (undergraduate and postgraduate degree for 2nd level continuing education programs), provided with a certified translation into Italian (the translation into Italian is not required if the original document is issued in English, French or Spanish), legalization (if required);
- Original/certified copy of the degree program **transcript of records** (undergraduate and postgraduate degree), issued by the foreign Institution/University, including marks and ECTS assigned to each exam, provided with a certified translation into Italian (the translation into Italian is not required if the original document is issued in English, French or Spanish) and legalization (if required).

If all missing documents within the deadlines are not provided, a certificate of attendance will be granted.

However, **the possession of the entry requirements is mandatory at the time of the application deadline.**

**8. SELECTION AND EVALUATION PROCEDURE, RANKING LISTS**

The Master is a Second level Continuing education program with a restricted number of places.

For the admission to the selections, it is MANDATORY also the on line pre-enrolment ([Enrolment on Continuing education programs](#)).

In order to matriculate for the selection, candidates should:

- Be registered at the Portal of the University of Turin (www.unito.it) and have the credentials (username and password) to access the MyUnitO ([Login](#)). If candidates have never studied at the University of Turin (UnitO), they must register as "Futuro studente" (prospective student), following the [Portal registration instructions](#);
- Submit the application by filling in the [on line model](#). For the submission of the online application, candidates need to access the area MyUnito (selecting the item "Login" on the home page) and do authentication with credentials (username and password). Select the item "Iscrizioni", which candidates can find in the upper left menu and afterwards the item "Test di ammissione" to go on with the on line application form. During this phase, candidates are required to fill in the personal data inserted during registration phase. **A pre-matriculation number will be sent.**

Complete applications will be assessed taking into consideration the criteria listed below.

After the assessment of the qualifications, a merit ranking will be drawn up and **the first 36 candidates will be invited to participate in a personal interview** for the final evaluation. The interview will be conducted in English and will be organized in a remote mode. The evaluation of the interview will assess the candidate's potentials to enrol in the Master, including consistency between the candidate's professional expectations and the goal of the Master course, as well as the match between the candidate's previous knowledge and the content of the Master courses.

EVALUATION CRITERIA**Assessment of qualifications (final grade and other qualifications)****Maximum score
30 points**

Final grade of Laurea/ second cycle degree (or list of examinations taken during the Laurea Triennale and Laurea Magistrale/ 1st and 2nd cycle degree for candidates applying under condition - Italian degree qualification):
 110-110L/110 or average examination score 28.1-30/30: 14 points
 From 107 to 109/110 or average examination score 27.1-28.0/30: 12 points
 From 104 to 106/110 or average examination score 26.1-27.0/30: 10 points
 From 100 to 103/110 or average examination score 25.1-26.0/30: 8 points
 =< a 99/110 or average examination score <25.0/30: 7 points

Maximum score
14 points

Others qualifications (e.g. other master degree, PhD, qualified training experiences, research scholarships, etc.)

Maximum score
3 points

Training certificates

Maximum score
3 points

Motivation (as resulting from the uploaded video)

Maximum score
10 points**Personal Interview – Only the best 36 ranked students shall be eligible for personal interview****Maximum score
70 points****MAXIMUM TOTAL SCORE****100 POINTS**

MINIMUM THRESHOLD FOR ADMISSION TO THE MASTER

80 POINT



After the interview, the applicants will be ranked according to the score obtained during the selection process. **For the admission to the Master the candidates, up to a maximum of 12, must achieve a minimum score of 80/100.** With the same score, candidates who have obtained the degree with the highest score will be preferred. The Master will not be activated if the number of candidates who satisfy this requirement is less than 8 (eight).

If there are requests for admission by auditors of more than 4 (four), at the discretion of the Master's Degree Scientific Committee, a merit ranking will be calculated on the basis of the curriculum vitae, qualifications and any acquired professional experiences.

Candidates' possession of European Credit Transfer System (ECTS), in addition to those required for admission, in disciplines compatible with those constituting the Master's Degree training programme, may be evaluated and constitute a preferential element during the rating process, but will not give rise to automatic recognition of training credits.

- Confirmation that the selection will be held and the relative timetable will be published on the Master's website www.masterferrero.unito.it.
- The interviews will be starting on Monday, October 12, 2020. The candidates eligible for the personal interview will be convened also by email.
 - All communications concerning the admission procedure to the Master, with the exception of the exclusion, will be given by publication on the Master's and University's website. The aforementioned publication will have the value of notification to all intents and purposes.

Applicants will be admitted to the Master's Degree Programmes according to the final ranking list. The ranking list will be published on the Master's Degree website (www.masterferrero.unito.it) and on the University website at the area MyUniTO ([Login](#)). The publication will be valid as official communication to the interested parties and therefore, no personal communications will be sent.

In order to be admitted to the selection, candidates must provide the admission application (Google form) and all documents requested to be uploaded, and to register at the UniTo portal for the on line admission. The two procedures are complementary; not complying with one of the two involves exclusion from the selection.

Candidates who do not include all the required information in the application will be excluded from the selection.

The simultaneous enrolment to the Master and other university study courses is not allowed.



9. TUITION FEE

The Master's Degree tuition fee is **€ 5,000**. All the candidates admitted to the Master's Degree (for the admission to the Master the candidates, up to a maximum of 12, must achieve a minimum selection score of 80/100), enrolled to the course for the first time, **can benefit from a grant, generously provided by the "Fondazione Piera, Pietro e Giovanni Ferrero", which covers the total programme's tuition fees** (the Fondazione Ferrero will directly pay for the tuition fee).

For students admitted to the Master's Degree as auditor, the tuition fee is **€ 1,000** (excluding ancillary University enrolment fee). The fee will be paid in a lump sum at the time of enrolment.

10. ENROLMENT PROCEDURE

The procedures to complete the enrolment will be communicated with the notification of the admission.

For the matriculation the [Matriculation](#) instructions shall be followed.

Students who are not eligible for a scholarship and will fail to pay the fee by the start of lectures will be excluded from the Master's Degree.

11. RENOUNCE

Participants of any grade admitted to attend the Master's Degree courses who wish to renounce, will have to give a formal notification to the Director. To those who drop out of the Master's course, any paid tuition fees will not be reimbursed.

12. SCHOLARSHIP AND AWARDS

Scholarships

The scholarships, as contribution to cover the cost of attendance, will be generously provided by the "Fondazione Piera, Pietro e Giovanni Ferrero":

All the candidates admitted to the Master's Degree (for the admission to the Master the candidates, up to a maximum of 12, must achieve a minimum selection score of 80/100), enrolled to the course for the first time, will be entitled to a **contribution for lecture attendance facilitation**. The contribution will be **€ 8,000** (gross perceiver amount).

The contributions will be paid by DISAFA in three instalments, as specified below:

The first instalment, with value of € 2,500, will be paid, at the start of the course (November 2020), to all enrolled students after the completion of the enrolment.

The second instalment, with value of € 2,500, will be paid after the first trimester of course only to students who have attended at least 75% of the lectures as reported in the timetable, and who have achieved positive mark for at least one examination.

The third instalment, with value of € 3,000, will be paid at the admission to final examination. For the admission to the final examination, students have to pass all four examinations (corresponding to four integrated courses – 40 ECTS), and have to complete the training period (450 hours – 18 ECTS). Admission to the final dissertation must necessarily take place within the academic year of Master's activation.



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If Italian and foreign citizens (EU and Non-EU citizens) who have an academic qualification awarded abroad do not possess all the documents required for the admission, will not take advantage of scholarship until their complete submission.

Awards

Moreover, the following awards will be generously provided by the "Fondazione Piera, Pietro e Giovanni Ferrero":

- a. One (1) prize with a value of € 10,000 for the student who obtain the best overall marks within the set course duration.
- b. One (1) prize with a value of € 10,000 for the best final dissertation.

The prizes listed c. and d. are not cumulative.

13. TITLE ACHIEVEMENT

To achieve the Master's Degree, it is necessary to pass a final examination at the end of the course. Students have to individually write and present, in English, an original dissertation on a topic of the Master developed during the training, previously defined by the Scientific Committee of the Master.

In order to be admitted to the final examination, candidates should:

- having attended all lectures regularly
- having acquired all ECTS, including the ECTS of the stage activities
- having submitted the application for the final examination

The final dissertation will be presented and discussed in front of a degree board, who express the evaluation on a scale of 110, assigning full marks with honours to meritorious candidates. The minimum score to pass the examination is 66/110.

The Master's Degree will be awarded by the University of Turin. The degree certificate, edited in English, does not report the evaluation and will be consigned by the Director of the Master.



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SCIENTIFIC COMMITTEE

Luca Simone COCOLIN (University of Turin)

Chiara Emilia CORDERO (University of Turin)

Vincenzo GERBI (University of Turin)

Marta BERTOLINO (University of Turin)

Lorenzo MORELLI (Università Cattolica del Sacro Cuore)

Paola BATTILANI (Università Cattolica del Sacro Cuore)

Mauro FONTANA (Technical & Scientific Advisor, Soremartec Italia – Ferrero Group)

Roberto MENTA (Head Nutrition Expert, Soremartec Italia – Ferrero Group)

Ettore BOLOGNA (Head of Medical and Social-Assistance Activities, Fondazione Piera, Pietro e Giovanni Ferrero)

Mario RASETTI (President, ISI Foundation)

Sam SAGUY (University of Jerusalem)

Laura DE GARA (Campus Bio-Medico University of Rome)

Director:

Prof. Luca Simone COCOLIN

DISAFA – University of Turin

Microbiology and Food Science

Largo Paolo Braccini, 2 – 10095 Grugliasco (TO)

Tel.: (+39) 011 670 8553

Fax: (+39) 011 6708549

Email: lucasimone.cocolin@unito.it

Administrative Coordinator:

Dott.ssa Daniela Ghirardello

DISAFA – University of Turin

Microbiology and Food Science

Largo Paolo Braccini, 2 – 10095 Grugliasco (TO)

Tel.: (+39) 011 670 8551

Fax: (+39) 011 6708549

Email: daniela.ghirardello@unito.it



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CONTACTS

Master's Degree Office

DISAFA – Università di Torino
Microbiology and Food Science


Largo Paolo Braccini, 2 – 10095 Grugliasco (TO) 

Tel.: (+39) 011 6708551

Fax: (+39) 011 6708549

Email: info.masterferrero@unito.it

Sezione Post Laurea - Masters and Training of Secondary School Teachers Office

Vicolo Benevello 3/A (II piano) - 10124 Torino 

Tel.: (+39) 011 670 4706-4708

Fax: (+39) 011 670 4709

Email: sezione.postlaurea@unito.it

Opening hours:

Monday and Friday 10.00 a.m. - 12.00 p.m.

Tuesday and Thursday 2.00 p.m. - 3.30 p.m.

Wednesday: closed

Telephone Desk:

from Monday to Friday 10:00 a.m. - 12:00 p.m.

Head of office: Xenia Belletich

Mobility and International Didactics Office

<https://en.unito.it/studying-unito/programs/continuing-education-programs/admission-foreign-titles>

Vicolo Benevello, 3A (first floor) - 10124 Turin 

Tel: (+39) 011 670 4452

Email: mastertitoloestero@unito.it

Head of office: Alice Traverso Bernini

INFORMATIONS www.masterferrero.unito.it

HANDLING OF PERSONAL DATA

The personal data provided by candidates will be collected by the University of Turin and handled to manage admission and related procedures, pursuant to the provisions set forth in Legislative Decree no. 196 of 30/06/2003, the "Personal data protection code".