



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2019/20
BACHELOR
Food science and technology (Classe L-26)
Enrolled from 2018/19 academic year

HEADING

Degree classification - Denomination and code:	L-26 Food industry
Degree title:	Dottore
Length of course:	3 years
Total number of credits required to complete programme:	180
Years of course currently available:	1st , 2nd
Access procedures:	Cap on student, student selection based on entrance test
Course code:	G29

PERSONS/ROLES

Head of Study Programme

Prof. Diego Mora

Tutors - Faculty

Tutor per i piani di studio:

lettera iniziale cognome studenti A-BE: Prof.ssa Stefania Iametti

lettera iniziale cognome studenti BI-CE: Prof.ssa Manuela Silvia Rollini

lettera iniziale cognome studenti CH-DI: Prof.ssa Cristina Alamprese

lettera iniziale cognome studenti DO-GI: Prof.ssa Luisa Maria Pellegrino

lettera iniziale cognome studenti GL-LU: Prof.ssa Alyssa Mariel Hidalgo Vidal

lettera iniziale cognome studenti MA-MU: Prof.ssa Barbara Brunetti

lettera iniziale cognome studenti NA-PE: Prof.ssa Sara Limbo

lettera iniziale cognome studenti PH-RI: Prof. Alberto Giuseppe Barbiroli

lettera iniziale cognome studenti RO-TA: Prof.ssa Maria Stella Cosio

lettera iniziale cognome studenti TE-Z: Prof.ssa Stefania Arioli

Tutor per la mobilità internazionale e l'Erasmus:

Prof.ssa Alyssa Mariel Hidalgo Vidal

Degree Course website

<https://scienzealimentari.cdl.unimi.it/>

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EXPERIENCE OF STUDY ABROAD AS PART OF THE TRAINING PROGRAM

The University of Milan supports the international mobility of its students, offering them the opportunity to spend periods of study and training abroad, a unique opportunity to enrich their curriculum in an international context.

Study and internships abroad

The eligibility criteria to study under the Erasmus+ program, the rules for participation and the criteria for students selection are described in a specific call dedicated to the Food Area. Erasmus+ provides mobility opportunities within 40 academic partners, widely distributed in Europe and selected on the basis of their excellence and teaching affinity with the Italian degree.

Students can apply to take courses in the following thematic areas: chemistry, biochemistry, food microbiology, food technology processes, human nutrition, quality management and food economics and marketing.

The outline of the Erasmus+ study program (learning agreement) is prepared by the student in collaboration with the Italian academic Erasmus+ tutor. This document is defined after consulting the teaching board of the Italian degree and receiving the official approval of the activities to be performed in the host institution. In case of research activities, a detailed program

describing the activities and the duration of the internship must be planned and formally approved by the host institution supervisor and by a member of the Italian teaching board (Italian supervisor).

The Erasmus+ activities (credits and grades) must be certified in a document called transcripts of records that must be approved by the Italian teaching board. Exam grades are converted according to a pre-defined scale.

How to participate in Erasmus mobility programs

To gain access to mobility programs for study purposes, lasting 3-12 months, the enrolled students of the University of Milan must attend a public selection that starts usually around the month of February each year through the presentation of specific competition announcements, which contain information on available destinations, respective duration of the mobility, requirements and deadlines for submitting the online application.

The selection, aimed at evaluating the proposed study abroad program of the candidate, knowledge of a foreign language, especially when this is a preferential requirement, and the motivations behind the request, is performed by specially constituted commissions.

Each year, before the expiry of the competition announcements, the University organises information sessions for the specific study course or groups of study courses, in order to illustrate to students the opportunities and participation rules.

To finance stays abroad under the Erasmus + program, the European Union assigns to the selected students a scholarship that - while not covering the full cost of living abroad - is a useful contribution for additional costs as travel costs or greater cost of living in the country of destination.

The monthly amount of the communitarian scholarship is established annually at national level; additional contributions may be provided to students with disabilities.

In order to enable students in economic disadvantaged conditions to participate in Erasmus+ program, the University of Milan assigns further additional contributions; amount of this contributions and criteria for assigning them are established from year to year.

The University of Milan promotes the linguistic preparation of students selected for mobility programs, organising every year intensive courses in the following languages: English, French, German and Spanish.

The University in order to facilitate the organisation of the stay abroad and to guide students in choosing their destination offers a specific support service.

More information in Italian are available on www.unimi.it > Studenti > Studiare all'estero > Erasmus+

For assistance please contact:

Ufficio Accordi e relazioni internazionali

via Festa del Perdono 7 (ground floor)

Tel. 02 503 13501-12589-13495-13502

Fax 02 503 13503

E-mail: mobility.out@unimi.it

Desk opening hour: Monday-friday 9 - 12

1st COURSE YEAR Core/compulsory courses/activities common		
Learning activity	Ects	Sector
Calculus	8	MAT/05
Elements of chemistry and physical chemistry	8	CHIM/02
English assessment B1 (3 ECTS)	3	L-LIN/12
Fundamentals of physics	6	FIS/07
Fundamentals of plant biology and yield	10	AGR/19, AGR/13
Organic chemistry	8	CHIM/06
Principle of Economics and Statistics	8	AGR/01
Total compulsory credits		51
2nd COURSE YEAR Core/compulsory courses/activities common		
Learning activity	Ects	Sector
Analytical chemistry with elements of chemometrics	7	CHIM/01
Biochemistry	10	BIO/10
Food chemistry and analysis	8	AGR/15
Human nutrition	6	BIO/09
Microbiology and food microbiology	12	AGR/16
Principles of Food Engineering	12	(6) AGR/15, (6) ING-IND/11
Total compulsory credits		55

3rd COURSE YEAR (available as of academic year 2020/21) Core/compulsory courses/activities common		
Learning activity	Ects	Sector
Applied microbiology	6	AGR/16
Firm and chain management in the food sector	6	AGR/01
Food ingredients, additives and contaminants	6	AGR/15
Food processing with elements of packaging	12	AGR/15
Food protection	6	AGR/11, AGR/12
Food quality and traceability in the supply chains	6	AGR/15
Sensory analysis of food and data analysis	6	AGR/15
Total compulsory credits		48
COURSE YEAR UNDEFINED Core/compulsory courses/activities common		
Learning activity	Ects	Sector
Skills of Informatics	3	INF/01
Stage	8	NA
Total compulsory credits		11
Further elective courses		
End of course requirements		
Final exam	3	NA
Total compulsory credits		3

COURSE PROGRESSION REQUIREMENTS

The course contains the following obligatory or advised prerequisites

Learning activity	Prescribed foundation courses	O/S
Food processing with elements of packaging	Principles of Food Engineering	Core/compulsory