Laurea Magistrale Internazionale Interateneo in Food Safety and Food Risk Management (LM 70)

Codice 5124 - a.a. 2026/2027

Year 1 <u>Common for all the curricula</u> (Location: UNIPR)

Insegnamento	**TAF**	**CFU**	**SSD**
First semester			
Risk Assessment of chemical compounds	B	6	CHEM-07/B (CHIM/10)
C.I. Food Allergens: Molecular Approaches and Regulatory aspects **Molecular Approaches (Mod. 1)** **Risk Assessment and Risk Management (Mod. 2)**	 B C	 3 3	 CHEM-05/A (CHIM/06) CHEM-05/A (CHIM/06)
Food Technology and Microbiology Food Technology (Mod. I) Food Microbiology (Mod. II) (*<u>5 CFU Lez. +1 CFU Lab. X 4 turni)</u>*	 B B	 6 6	 AGRI-07/A (AGR/15) AGRI-08/A AGR/16
Lingua Italiana per stranieri ***Possibilità di inserimento come corso a libera scelta riservata <u>unicamente</u> a <u>studenti stranieri</u>***	D	6	
Second semester			
Biological hazards in food	C	6	MVET-02/B (VET/04)
Hazard identification in primary production: Plant Health (Mod. I) Animal welfare (Mod. II)	 B B	 6 6	 AGRI-05/B (AGR/12) AGRI-09/C (AGR/19)

C. I. Risk characterization and exposure assessment in food **Exposure assessment and risk/benefit evaluation (Mod. I)**	B	6	BIOS-06/A (BIO/09)
Food toxicology (Mod. II)	C	6	BIOS-11/A (BIO/14)
Food Law and Ethics: **Food Law and International policies** (Mod. I)	B	6	GIUR-03/B (IUS/03)
Ethics and Anthropology of Food (Mod. II)	F	3	NN
TOT		**63**	
Exams		7	

Year 2 –<u>Curriculum: Agri-Food Safety</u> (Location: UniMORE)

Insegnamento	**TAF**	**CFU**	**SSD**
First semester			
Animal pests in stored agri-food products and their management	B	6	AGRI-05/A (AGR/11)
Mycotoxigenic fungi in agri-food and pesticide contamination: analysis and risk management	B	6	AGRI-05/B (AGR/12)
Biotechnology and Agronomy for safety and identity preservation of agrifood products Biotechnology and safety aspects of vegetable-based foods (Mod I) Good agricultural practices and identity preservation (Mod II)	C C	3 3	AGRI-08/A (AGR/16) AGRI-02/A (AGR/02)
Safety assessment of fruits and vegetables processing I Mod. Control of Microbial growth in mixed and selected fermentation II Mod. Validation of heat treatment effectiveness	B	3	AGRI-08/A (AGR/16)

	B	3	AGRI-07/A (AGR/15)
Students' free choice *(range 9-15) semester Free*	D	9	
Second semester			
Studenti madre lingua italiana o studenti stranieri <u>che hanno inserito</u> già nel piano degli studi come TAF D il corso di Lingua Italiana per stranieri			
Practical training:			
Internship at external structure (STA)	E	20	
Internship at University Structure (STI)	E	20	
Internship within the international Mobility Program (STE)	E	20	
Studenti stranieri <u>che devono ancora sostenere</u> il corso di lingua italiana per stranieri:			
Language for Foreing Students	E	3	NN
Practical training:			
Internship at external structure (STA)	E	17	
Internship at University Structure (STI)	E	17	
Internship within the international Mobility Program (STE)	E	17	
Final Dissertation (PROFIN_S)	E	4	
TOT		**57**	
Exams		5	

Year 2 <u>Curriculum: Risk mitigation</u> (Location: UniCatt – sede PC)

Insegnamento	**TAF**	**CFU**	**SSD**
First semester			
Mitigation of risk in food production	B	6	AGRI-07/A (AGR/15)
Emerging risks	B	6	AGRI-08/A (AGR/16)
Mitigation of process-related toxicants	B	6	CHEM-07/B (CHIM/10)
Risk Analysis of regulated products **I Mod.: Food Additives and Enzymes**	B	3	AGRI-08/A (AGR/16)
Second semester			
Risk Analysis of regulated products **II Mod.: Plant new genomic technologies**	B	3	AGRI-06/A (AGR/07)

Students' free choice (range 9-15) semester Free	D	9	
Studenti madre lingua italiana o studenti stranieri che hanno inserito già nel piano degli studi come TAF D il corso di Lingua Italiana per stranieri			
Practical training			
Internship at external structure (STA)	E	20	
Internship at University Structure (STI)	E	20	
Internship within the international Mobility Program (STE)	E	20	
Studenti stranieri che devono ancora sostenere il corso di lingua italiana per stranieri:			
Language for Foreing Students	E	3	NN
Practical training:			
Internship at external structure (STA)	E	17	
Internship at University Structure (STI)	E	17	
Internship within the international Mobility Program (STE)	E	17	
Final Dissertation **(PROFIN_S)**	E	4	
TOT		**57**	
Exams		5	

Year 2 Curriculum: Risk Management (Location: UniBO)

Insegnamento	**TAF**	**CFU**	**SSD**
First semester			
Advanced Food Processing and Packaging	B	6	AGRI-07/A (AGR/15)
Advanced and predictive food microbiology	B	6	AGRI-08/A (AGR/16)
Farm biosecurity and foodborne risk Foodborne risk traceability Farm biosecurity and zoonotic diseases prevention	 C C	 3 3	 MVET-02/B (VET/04) MVET-03/A (VET/05)
Risk assessment of food products to human health Evaluation of adverse health effects from human exposure to foodborne hazards Innovative approach for risk assessment in microbiome food value chain	 C C	 3 3	 BIOS-11/A (BIO/14) CHEM-07/C (CHIM/11)

Students' free choice (range 9-15) semester Free	D	9	
Studenti madre lingua italiana o studenti stranieri che hanno inserito già nel piano degli studi come TAF D il corso di Lingua Italiana per stranieri			
Practical training			
Internship at external structure (STA)	E	20	
Internship at University Structure (STI)	E	20	
Internship within the international Mobility Program (STE)	E	20	
Studenti stranieri che devono ancora sostenere il corso di lingua italiana per stranieri:			
Language for Foreing Students	E	3	NN
Practical training:			
Internship at external structure (STA)	E	17	
Internship at University Structure (STI)	E	17	
Internship within the international Mobility Program (STE)	E	17	
Final Dissertation **(PROFIN_S)**	E	4	
TOT		**57**	
Exams		5	

<u>Year 2 Curriculum Curriculum:</u> Food Safety and Product Design (<u>Location: UNIFE</u>)

	TAF	**CFU**	**SSD**
First semester			
Innovation in Food Additives	B	6	(AGR/15) AGRI-07/A
Omic sciences for food safety		(6)	
I Mod. Fundamentals of advanced omic technologies	B	3	(CHIM/01) CHEM-01/A
II Mod. Metabolomic assessment of food product safety	B	3	(CHIM/10) CHEM-07/B
Enzymes and biocatalysis in food development	C	6	(CHIM/11) CHEM-07/C
Nanotechnological approaches in foods safety	C	6	(CHIM/09) CHEM-08/A
Students' free choice (range 9-15) semester Free	D	9	

Studenti madre lingua italiana o studenti stranieri che hanno inserito già nel piano degli studi come TAF D il corso di Lingua Italiana per stranieri			
Practical training			
Internship at external structure (STA)	E	20	
Internship at University Structure (STI)	E	20	
Internship within the international Mobility Program (STE)	E	20	
Studenti stranieri che devono ancora sostenere il corso di lingua italiana per stranieri:			
Language for Foreing Students	E	3	NN
Practical training:			
Internship at external structure (STA)	E	17	
Internship at University Structure (STI)	E	17	
Internship within the international Mobility Program (STE)	E	17	
Final Dissertation (PROFIN_S)	E	4	
TOT		**57**	
Exams		5	