



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



UNIVERSITÀ
DI PARMA



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA



UNIVERSITÀ
CATTOLICA
del Sacro Cuore



UNIVERSITÀ
DEGLI STUDI
DI FERRARA
- EX LABORE FRUCTUS -

International Inter-university Master's Degree in Food Safety and Food Risk Management

Curriculum: Agri-Food Safety (II year)



Contents: 1 study course with 3 curricula

Food Safety and Food Risk Management

1st year (common, Parma)



2nd year

Risk Mitigation

(Piacenza)



Risk Management

(Bologna)

Agri-Food Safety

(Modena-Reggio)



Common Curriculum (1st year, UNIPR)

Risk characterization and exposure assessment in food

Food toxicology (Mod. I)

Exposure assessment and risk/benefit evaluation (Mod. II)

Food Technology and Microbiology

Food Technology (Mod. I)

Food Microbiology (Mod. II)

Biological hazards in food

Hazard identification in primary production:

Plant Health (Mod. I)

Animal welfare (Mod. II)

Food Law and International policies

Xenobiotics in food

Biostatistics



Curriculum Agri-Food Safety (2nd year, UNIMORE)



Post-harvest losses and their management

Animal pests in stored agri-food products and their management



Mycotoxigenic fungi in agri-food and pesticide contamination: analysis and risk management

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)

Students' free choices

Practical training

Final dissertation



Curriculum Agri-Food Safety (2nd year, UNIMORE)

**Students' free choice
at UNIMORE**



Chemometrics – 6 CFU

Seminars in Life Sciences - 3 CFU

Ethnobotany: the role of plants in our life - 2 CFU

More free choices available at UNIPR, UNIBO, UNICATT



Curriculum Agri-Food Safety (2nd year, UNIMORE)

Teaching classes are held in Reggio Emilia, San Lazzaro Campus, at the Department of Life Sciences, Besta Building



Curriculum Agri-Food Safety (2nd year, UNIMORE)

Lab activity and training are possible in two locations:

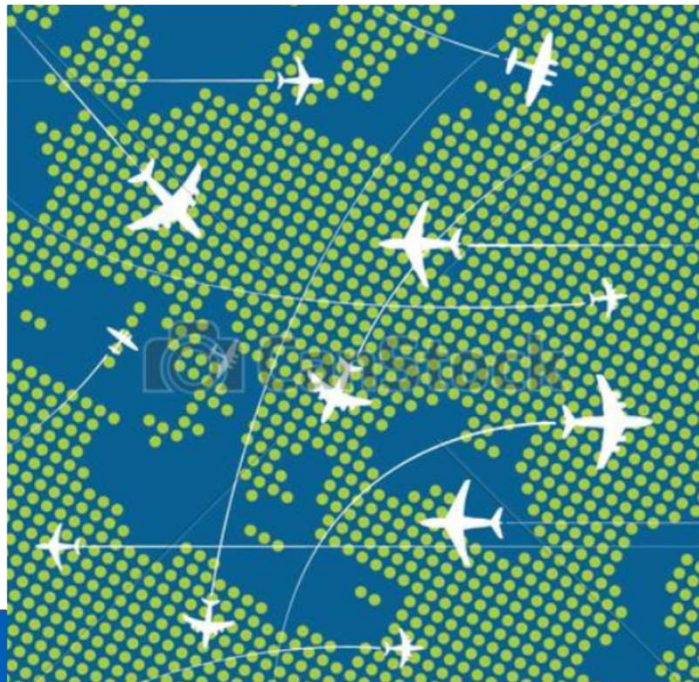
1. Lab facility provided by the Department of Life Sciences in Reggio-West city
2. Lab premises at the Technopole «Biogest-Siteia», just behind the main railway station



Curriculum Agri-Food Safety (2nd year, UNIMORE)

International mobility is encouraged. Among many others, following institutions are indicated:

- Österreichische Agentur für Gesundheit und Ernährungssicherheit (AGES), Vienna
- Sveriges Landsbruksuniversitet, Uppsala, Sweden
- Universitat de Lleida, Spain
- Fraunhofer-Institut für Verfahrenstechnik und Verpackung IVV, Freising, Germany
- ILVO, Gent, Belgium



Curriculum Agri-Food Safety (2nd year, UNIMORE)

AGR EU: European Universities Network in Agri-Food

- University of Almeria, Spain
- Haute Ecole de la Province de Liege, Belgium
- Warsaw University of Life Science, Poland
- Polytechnic Institute of Coimbra, Portugal
- Agricultural University of Plovdiv, Bulgaria
- Agricultural University of Iceland, Borgarnes, Iceland
- Ecole SUP'BIOTECH, Paris, France



Curriculum Agri-Food Safety (2nd year, UNIMORE)

Possible training periods in leading Agri-food companies:

- Ferrero Italia, Cuneo
- Orogel, Cesena
- Agrintesa, Faenza
- Valfrutta, San Lazzaro, Bologna
- Bonduelle Italia, Milano





Career?

Curriculum Agri-Food Safety (2nd year, UNIMORE)

Jobs and other professional opportunities after graduation. The Expert in Agri-food safety is a technical-managerial specialist who:

- Will be involved in developing adequate **legislation on safety and sustainability of agri-food production**;
- Will cover **roles of direction, coordination, accountability and responsibility** for the managerial aspects of **safety and sustainability** related to the production, supply and handling of raw materials;
- Will take responsibility for **process controls, new product development**, marketing and distribution of agri-food at national and international level;
- Will address, **communicate, and manage emergencies** in the field of food safety, especially related to fruits and vegetables and their transformed products.



Curriculum Agri-Food Safety (2nd year, UNIMORE)

Coordinator for the Department of Life Sciences, University of Modena and Reggio Emilia, San Lazzaro Campus, Reggio Emilia:

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