

INSPIRING GLOBAL CHANGE SINCE 1222

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SCHOOL OF ENGINEERING

# FOOD INDUSTRY ENGINEERING

The Master's Degree programme in Food Industry Engineering aims to create professionals capable of conceptualizing, planning, designing, and managing processes, systems, and services in the food industry, with a strong emphasis on safety. The educational path is structured around six areas: food technology, microbiology, safety; chemical and process engineering; design and management of automatic machines and integrated automatic systems; thermal exchange and energy sustainability; supply chain management, data digitalization, traceability, and quality; risk analysis and control.



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

# FOOD INDUSTRY ENGINEERING

**LEVEL** Master

**SCHOOL** Engineering

**DEPARTMENT** Department of Management and Engineering

**DURATION** 2 years (120 ECTS)

**START DATE** October

**LOCATION** Vicenza, Italy

**PROGRAMME COORDINATOR**  
Maurizio Faccio

**WEB**

[www.unipd.it/en/food-industry-engineering](http://www.unipd.it/en/food-industry-engineering)

**APPLY.UNIPD.IT**

**ENTRY REQUIREMENTS**

- A minimum three-year undergraduate degree (or equivalent) in Engineering, or related subjects in Food Industry.
- English language: B2 level (CEFR) or equivalent.

**PROGRAMME STRUCTURE**

1st Year: Legislation, hygiene and applied microbiology for food safety, Unit operations in food industry, Hygienic design and steels, alloys and coatings for food industry, Materials for sustainable food packaging, Electronics for information processing, Refrigeration and thermal processing technologies, Plant-safe design and food logistics.

2nd Year: Sustainable and traceable digital supply chains and statistical quality, Automatic machines and robots for food industry, Safety management and risk management, Electrification, sustainability and efficiency in food processing, Conversion and storage systems for the energy sustainability of the food industry, Applied machine learning. Training and orientation internships or other knowledge useful for job placement.  
Final thesis

**TUITION FEES AND SCHOLARSHIPS**

Annual fees: up to € 2,900 (3 instalments)

Scholarships and fee-waivers for international students available.

[www.unipd.it/en/funding-and-fees](http://www.unipd.it/en/funding-and-fees)

