



Mahidol University
International College

3+2 Dual-degree with Università Cattolica del Sacro Cuore

Discover the Degree Progression Program in Food Science and Technology

Expand your horizons with the **Degree Progression Program** offered by **Mahidol University International College (MUIC)** in collaboration with **Università Cattolica del Sacro Cuore, Italy**. This unique opportunity allows you to earn both a Bachelor's and Master's degree in five years, preparing you for a dynamic career in the global food industry.

Program Overview

- **Study Pathway:**
 - Spend **three years** at MUIC studying in the **Food Science and Technology Program**.
 - Continue for **two years** at Università Cattolica del Sacro Cuore in Italy.
- **Degrees Earned:**
 - **B.Sc. in Food Science and Technology** from Mahidol University.
 - **M.Sc. in Agricultural and Food Economics** *or* **M.Sc. in Food Processing** from Università Cattolica del Sacro Cuore.

Why Choose This Program?

- **Dual Degrees:** Stand out in the competitive job market with credentials from two prestigious institutions.
- **Global Experience:** Immerse yourself in diverse cultures, gain international exposure, and study at a renowned Italian university.
- **Comprehensive Curriculum:** Combine scientific expertise, practical applications, and industry-focused skills tailored to the food and agricultural sectors.

Key Information

- [Study Plan](#) [click link to seePDF]
- [Admission information](#) [click link to see PDF]
- [Life at Cattolica](#) [click link to see PDF]

Contact us

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Agricultural and Food Economics

Laurea Magistrale in Agricultural and Food Economics

School: Agriculture, Food and Environment Sciences

<p>Campus: Cremona, Italy Next Intake: September 2025 Duration: 2 years</p>	<p>Total credits (ECTS): 120</p>	
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YEAR 1

- Business management and finance: (11 ECTS)
 - Management basics
 - Financial accounting and business evaluation
- Food safety management: (10 ECTS)
 - Food protection management
 - Food risk analysis and management
- Economic fundamentals of the agri-food system: (10 ECTS)
 - Economics of the agri-food system
 - Microeconomics of the agri-food system
- Quantitative methods: (12 ECTS)
 - Applied mathematics and statistics for the agri-food system
 - Applied econometrics for the agri-food system
- Industrial organisation: (10 ECTS)
 - Strategic decision making
 - Industrial organisation of the food system
- Agricultural and food marketing (6 ECTS)
- Research methods in agricultural and food economics (1 ECTS)
- Seminar on theological issues (in Y1 or Y2)

Common credits

- Agricultural and food market institutions (6 ECTS)
- Economics of agricultural and food markets (7 ECTS)
- Seminar on theological issues
- Optional courses* (10 ECTS)
- Soft skills and entrepreneurship (1 ECTS)
- Seminars (1 ECTS)
- Final dissertation (20 ECTS)

“Business and management” profile credits

- Food supply chain management (5 ECTS)
- Business planning for start-up (5 ECTS)
- Business strategy and leadership (5 ECTS)

“Marketing and consumer behaviour” profile credits

- Multi-channel retail marketing (5 ECTS)
- Food consumer psychology and market intelligence (5 ECTS)
- Qualitative research methods for the agri-food system (5 ECTS)

* Suggested Optional Courses

- Law and regulation in food value chains (5 ECTS)
- Agricultural, food and environmental policies (5 ECTS)
- Economics of sustainability and circularity (5 ECTS)
- Food footprint: the environmental impact of the agri-food chain (5 ECTS)
- Italian language and civilisation (5 ECTS)¹¹

DID YOU KNOW?

An interactive approach to teaching is a consistent plus to this programme: students benefit from business games as real-life business challenges to resolve in team and exchange opportunities during a semester abroad at one of our university partners in Europe or overseas.

CAREER PATHS

- Managerial positions in agri-food corporations (multinational food companies, small and medium enterprises, retail chains)
- Managerial positions in professional associations linked to the agricultural and food sector
- Consultants for agricultural and food companies
- Professional positions in international organisations
- Research positions in universities or applied research companies

Food Processing: Innovation and Tradition

Laurea Magistrale in Food Processing

School: Agriculture, Food and Environment Sciences

<p>Campus: Cremona, Italy Next Intake: September 2025 Duration: 2 years</p>	<p>Total credits (ECTS): 120</p>	
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YEAR 1

- Food microbiology (11 ECTS):
 - Mod. Food microbiology for food production
 - Mod. Food microbiological safety
- Food quality assurance and international certifications (5 ECTS)
- Food supply chain management (5 ECTS)
- Physical chemistry and biochemistry of food (12 ECTS):
 - Mod. Physical chemistry of food (8 ECTS)
 - Mod. Biochemistry of food (4 ECTS)
- Raw materials (12 ECTS):
 - Mod. Grains and vegetables
 - Mod. Fruit science
 - Mod. Animal sources
- Food technology and plants (10 ECTS)
- Free choice courses (0-5 ECTS)*
- Seminar on theological issues (in Y1 or Y2)

*Suggested courses:

- Food footprint: the environmental impact of the agro food chain (5 ECTS)
- Food consumer psychology and market intelligence (5 ECTS)
- Introduction to sustainability of the food system (5 ECTS)
- Italian civilisation and language for international students (5 ECTS)

YEAR 2

- Digital data processing (5 ECTS)
- Economic impact of agricultural and food regulation (5 ECTS)
- Food processing (10 ECTS)
- Innovation in food packaging (8 ECTS)
- Process control and digitalisation in food industry (6 ECTS)
- Free choice courses (5-10 ECTS)**
- Thesis (20 ECTS)
- Soft skill (1 ECTS)

DID YOU KNOW?

This degree will be taught in the campus of Cremona: a completely renovated 16th Century monastery. Historically it was devoted to the production of botanical drugs and now will be dedicated to the most updated innovation of food processes. The campus consists of 12,000 square meters of university buildings, high tech labs and teaching rooms, together with 20,000 square meters of open green space in the city centre.

CAREER PATHS

As an expert in food product innovation graduates can apply as product developers, with a role in R&D groups of Food Companies. In managerial positions, they will be combining technology, financial planning and research. Positions as product and innovation managers will be specific for the programme graduates' skills. In addition, as food quality expert,

graduates can become global food production managers. This entails monitoring fundamental aspects of food production, which means graduates are responsible for creating high quality, safe and healthy products. Graduates are likely to start out as junior food safety specialist working in the innovation, safety, or quality department of a food company.

Admission information

Application timeline

Intake	September 202X
Application opening	Mid December 202X-1
Priority consideration deadline*	Second half of January 202X
Deadline 2*	Second half of February 202X
Deadline 3*	Second half of March 202X
Final Deadline	First half of May 202X: ■ non-EU students who must apply for a visa

* Considering the strong competition for these programmes, you are strongly advised to apply within the first 3 deadlines

Tuition fee

Tuition fee depends on fiscal residency, not on citizenship. The yearly tuition fee is divided in different instalments. The first instalment of € 1,470 is paid upon confirmation of admission.

FISCAL RESIDENCY	TUITION FEES PER YEAR
NON-EU Residents	■ MSc: tuition is € 9,050 ■ MUIC students will receive 25 % discount

Student services

BECAUSE WE CARE



Working while studying

Non-EU students entering Italy on a student visa are permitted to work part-time (20 hours per week). Please note that many part-time job employers may require students to have a good knowledge of the Italian language.



Accommodation

Università Cattolica facilitates the search for accommodation by providing placement options at residences or other housing types in the city, or a list of recommended private housing providers specialised in international student accommodation. Each city campus will have different options. Details at international.unicatt.it

Living expenses per year

 Accommodation (not including meals)*	From €7,000 to €10,000
 Food	From €4,000 to €6,000
 Personal Expenses	From €3,000 to €5,000
 Books	€600
 Local Transportation	€270
 Travelling and extracurricular activities	From €1,000 to €2,000

* The cost may vary depending on the area, the kind of room (single or double), utilities etc.

Living costs in Piacenza, Cremona and Brescia are approximately €100 per month lower than in Milan and in Rome.



Medical insurance

EU Citizens

If you are a citizen from either an EU Member State or an EEA country or you are of Swiss nationality, you should have a European Health Insurance Card (eHIC, Italian acronym: TeAM) obtained in your home country from your national healthcare authority. The European Health Insurance Card (or eHIC) allows you to receive medical treatment in another member state for free, or at a reduced cost. A patient contribution is required for prescriptions, medical examinations, oral and dental care.

Non-EU citizens

If you are a non-EU citizen you must take out an International Health Insurance which covers costs related to medical treatment and admission to hospital. If allowed by the Embassy/Consulate, you can also buy an Italian national Health Insurance upon arrival to Italy. Cattolica International will provide all necessary forms during the Orientation event.

All enrolled students are allowed to sign up for a health insurance policy provided by Università Cattolica valid for up to 12 months and renewable each year of enrolment at no additional cost. All eligible students will be notified of the terms and procedure to register. This coverage will cover students in Italy and other countries outside of the student's country of origin/residence.



Local transportation

Students on all campuses will have access to discounts on public transportation, as well as bike-sharing services.

Settling in

LIFE AT CATTOLICA



Student associations

International student associations (Milan campus)
Erasmus Student Network (ESN) is a key support network for international students. It organises numerous social and cultural events, tours and recreational activities.

Smint Piacenza (Piacenza campus)

Smint Piacenza is a student association, comprised of both Italian and international students. The association helps students from all faculties get together, assist new students become familiar with Piacenza and its surrounding area, as well as the campus, and in particular to make the most of the university experience through different activities.



Library

Milan has a unique underground and prestigious library containing over two million volumes, Rome has three different libraries, Brescia's new campus will boast a library with 180,000 volumes and a capacity of 70 seats.

Piacenza and Cremona have seven halls spread over 1,500 square metres, 150,000 volumes, 3,000 periodicals, 68,000 e-journals and 445,000 eBooks.



Sport facilities

Milan campus

Centro Universitario Sportivo (CUS) is an association that promotes sport and physical education for university students in Milan. The CUS information point is located at the Milan campus, Largo A. Gemelli, 1.

Piacenza campus

Università Cattolica's Piacenza campus collaborates with various sports centres, sports societies/clubs, and gyms, located both in Piacenza and in Cremona. Students are recommended to bring their Student Card.

Rome campus

The big spaces of the Rome campus allow for two tennis courts, a soccer field for five players and one for eleven players, and a basketball/volleyball court. SportHouse is also an indoor sports facility.



The musical community (Milan campus) "Studium d'Ateneo - Note d'inChiostro"

A centre of the musical community, with a highly reputed choir annually seeking new singers, and an orchestra eager for musicians to join the ensemble. "Studium - Note d'inChiostro" organises concerts, courses, seminars, academic laboratories and summer schools.



Health centre

Milan campus

Università Cattolica's Health Centre provides students with medical care, nursing care and psychological counselling.

General, specialist (gynaecology, ophthalmology, nutrition) and preventative medical examinations are available to students.

Feature: Visits are free.

Brescia campus

Università Cattolica's Health Centre provides students with medical care, nursing care and psychological counselling.

General, specialist (gynaecology, ophthalmology, nutrition) and preventative medical examinations are available to students.

Piacenza campus

Università Cattolica's on-campus Medical Assistance which provides all registered students with medical care, nursing care and psychological counselling.

Feature: Visits are free.

Rome campus

The Health Centre, provided by EDUCatt, provides students with medical care, nursing care and psychological counselling.

General, specialists (nutrition, dermatology, and gynaecology) are also available to students at a small additional cost.

Feature: Visits are free.