UNIVERSITAT POLITÈCNICA
DE CATALUNYA
UPC
BARCELONATECH

Master's degree in Enabling Technologies for the Food and Bioprocessing Industry (TECH4AGRI+FOOD)

The **master's degree in Enabling Technologies for the Food and Bioprocessing Industry** (**master's degree website**) equips students with the knowledge and technological skills they will need for employment in the food and bioprocessing sector. The curriculum is designed to match the major lines of inquiry in the European strategy on Key Enabling Technologies (KET), which targets intelligent, sustainable and integrated growth.

GENERAL DETAILS

Duration and start date
One academic year, 60 ECTS credits. Starting February and September

Timetable and delivery
Afternoons. Face-to-face

Fees and grants
Approximate fees for the master's degree, **excluding other costs** (does not include non-teaching academic fees and issuing of the degree certificate):
€1,660 (€6,331 for non-EU residents).
More information about fees and payment options
More information about grants and loans

Language of instruction
Spanish

Information on language use in the classroom and students' language rights.

Location

Barcelona School of Agri-Food and Biosystems Engineering(EEABB)

Official degree
Recorded in the Ministry of Education's degree register

ADMISSION

General requirements
Academic requirements for admission to master's degrees

Places
20

Pre-enrolment
Pre-enrolment period open.
Expected deadline: 01/07/2024.

How to pre-enrol

Enrolment
How to enrol

Legalisation of foreign documents

All documents issued in non-EU countries must be legalised and bear the corresponding apostille.

ORGANISATION: ACADEMIC CALENDAR AND REGULATIONS

UPC school

Barcelona School of Agri-Food and Biosystems Engineering (EEABB)

Academic coordinator

Eduard Hernandez Yañez

Academic calendar

General academic calendar for bachelor's, master's and doctoral degrees courses

Academic regulations

Academic regulations for master's degree courses at the UPC

CURRICULUM

Subjects		ECTS credits	Type
FIRST SEMESTER			
Applied Photonics		5	Compulsory
Control and Automation Systems		5	Compulsory
Food and Bioprocess Engineering: Context and Specificity		5	Compulsory
Production Communication and Management		5	Compulsory
Sensorisation and Data Acquisition		5	Compulsory
Specialisation in (Eng) Doble Menció Agrotech + Footech	Applied Photonics	5	Compulsory
	Control and Automation Systems	5	Compulsory
	Food and Bioprocess Engineering: Context and Specificity	5	Compulsory
	Production Communication and Management	5	Compulsory
	Sensorisation and Data Acquisition	5	Compulsory
Specialisation in (Eng) Menció Agrotech	Applied Photonics	5	Compulsory
	Control and Automation Systems	5	Compulsory
	Food and Bioprocess Engineering: Context and Specificity	5	Compulsory
	Production Communication and Management	5	Compulsory
	Sensorisation and Data Acquisition	5	Compulsory
Specialisation in (Eng) Menció Foodtech	Applied Photonics	5	Compulsory
	Control and Automation Systems	5	Compulsory
	Food and Bioprocess Engineering: Context and Specificity	5	Compulsory
	Production Communication and Management	5	Compulsory
	Sensorisation and Data Acquisition	5	Compulsory
SECOND SEMESTER			
Case Studies		5	Compulsory
Master's Thesis		20	Project

Subjects		ECTS credits	Type
Specialisation in (Eng) Doble Menció Agrotech + Footech	Measuring Systems and Instruments	5	Compulsory
	Precision Farming	5	Compulsory
	Remote Sensing Applications in Agriculture	5	Compulsory
	Technical Innovations in Food and Biotechnological Processes	5	Compulsory
	Case Studies	5	Compulsory
	Master's Thesis	20	Project
Specialisation in (Eng) Menció Agrotech	Precision Farming	5	Compulsory
	Remote Sensing Applications in Agriculture	5	Compulsory
	Case Studies	5	Compulsory
	Master's Thesis	20	Project
Specialisation in (Eng) Menció Foodtech	Measuring Systems and Instruments	5	Compulsory
	Technical Innovations in Food and Biotechnological Processes	5	Compulsory
	Case Studies	5	Compulsory
	Master's Thesis	20	Project