

SPECIALIZATION: QUALITY MANAGEMENT SYSTEMS IN THE AGROFOOD SECTOR

LEVEL: MASTER 2

PERIOD: SEMESTER 1

LANGUAGE: EN

ECTS: 30

TEACHER/COORDINATOR: CAROLINE KACZMAREK



1- Objectives and skills developed

The aim is to train futures engineers able to:

- › Manage quality in the agrofood sector (food safety, environment, industrial risks) by combining the quality of the products and the economic issues;
- › To answer to an international demand.

The specific objectives consist in giving to the students:

- › An international vision of the food supply chain from farm to fork, its constraints and opportunities;
- › The necessary tools through operational approaches to put in place and improve a management system able to answer to international standards and norms (food safety management systems, environmental management...);
- › The skills to develop an integrated management system dealing with food safety risks, food fraud, food defense, environmental risks, security...

Skills developed through this program:

- › The ability to communicate and to manage different projects through an international context in multicultural teams;
- › The capacity to develop the right methodology and use scientific knowledges to solve problems;
- › The ability to manage several projects in a sustainable way;
- › The ability to work while using the English language.

2- Content and Organization

Organization through 3 points:

- › Fundamental: lectures, tutorials;
- › Projects: co-elab project, case studies...;
- › Visits: testimonies, companies, conferences.

There are 8 modules:

- › Module 1. Quality management in production
- › Module 2. Food safety Management systems

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- › Module 3. Resource management and responsibility
- › Module 4. Environmental and risks management
- › Module 5. Integrated management systems and quality strategy
- › Module 6. Monitoring tools
- › Module 7. Communication tools
- › Module 8. Co-Elab project

3-Evaluation

Continuous assessment, oral presentations, practical + 4 exams.