



Direzione Ricerca,  
Innovazione e  
Internazionalizzazione

**UNIVERSITÀ  
DI TORINO**

ID

VP\_208\_VET

## **Visiting Professor Program Academic Year 2025/2026**

**TEACHING COMMITMENT:** 16 hours

### **COURSE TITLE**

**Risk Assessment and Risk Communication in the Food Safety Management System**

### **TEACHING PERIOD**

II semester

### **SCIENTIFIC AREA**

Food Science

### **LANGUAGE USED TO TEACH**

English

### **COURSE SUMMARY**

The lectures will be:

- The Risk Analysis Framework in Food Safety management
- Introduction to Quantitative Microbial Risk Assessment (QMRA)
- Probability Theory in QMRA
- Use of Predictive Microbiology in Exposure Assessment
- Quantifying Variability and Uncertainty in QMRA
- Hands-on Training on Predictive Microbiology and QMRA

### **LEARNING OBJECTIVES**

The overall topic of the lectures will fall within the field of risk-based food safety management.

The main learning objective will be to provide students with the key elements and concepts needed to move towards a risk-based food safety management approach.

## **OTHER ACTIVITIES BESIDE THE COURSE**

Hands-on Training on Predictive Microbiology and QMRA.

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### **VISITING PROFESSOR PROFILE**

The Visiting Professor should have:

- expertise in Microbiology of foods, Predictive Microbiology, Microbial Risk Assessment, Antimicrobial Resistance (AMR) and Risk Communication;
- experience as a trainer in Food Quality and Safety Management Systems;
- competence in Applied Statistics in Food Science;
- participation in Research Projects in the Food Safety field;
- ability to teach graduate and postgraduate courses.

### **CONTACT REFERENT**

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