

# Kwaliteitszorg en risicoanalyse - AY 2025-2026

Week	Woensdag 4.00 pm tot 7.00 pm	Vrijdag 8.30 am tot 11.30 am
1	<p>11/2/2026, E4</p> <p>a) Introduction, objectives, and organisation of the course b) Introduction quality and quality management (part 1)</p> <p>Prof. L. Jacxsens</p>	<p>13/2/2026, E3 <i>Start om 9 am</i></p> <p>a) Introduction quality and quality management (part 2) b) Quality management systems and standards (ISO9000, ISO14000, ISO26000 and specific standards) (part 1)</p> <p>Prof. L. Jacxsens</p>
2	<p>18/2/2026, E4</p> <p>a) Quality management systems and standards (ISO9000, ISO14000, ISO26000 and specific standards) (part 2) b) Invited speaker (starting at 5.00 pm): Demonstration of QMS in businesses, by Jean Claude Van Hove (Ajinomoto Bio-pharma Services) → <b>Aanwezigheid is verplicht</b></p> <p>Prof. L. Jacxsens</p>	<p>20/2/2026, E3 <i>Start om 9 am</i></p> <p>a) Introduction to risk analysis b) One Health Approach c) Human risk assessment - food intake</p> <p>Prof. L. Jacxsens</p>
3	<p>25/2/2026, E4</p> <p>a) Sampling plan design: theory b) Measure and control techniques: theory</p> <p>Prof. L. Jacxsens</p>	<p>27/2/2026, E3 <i>Start om 9 am</i></p> <p>a) REACH b) Pesticide risk assessment</p> <p>Prof. P. Spanoghe</p>
2	<p>4/3/2026, self-study</p> <p>No lecture due to Bio-Engineer career event: <a href="https://becareerevent.be">Bioscience Engineering Career Event   Gent (becareerevent.be)</a></p> <p>Building blocks in quality management systems (self-study via learning path): a) Traceability b) Document management</p> <p>Prof. L. Jacxsens</p>	<p>6/3/2026, E3 <i>Start om 9 am</i></p> <p>Cases on risk assessment and risk management in practice: a) Case study: multi-criteria decision analysis for water(re)use in the vegetable processing industry – prof. L. Jacxsens b) Invited speaker: Risk analysis in practice - From product development towards market, by Dr. Nancy Podevin (EMEA Zonal Regulatory Leader Seeds &amp; Biotech &amp; EU Biotech Maize Coordination Leader, Corteva Agriscience™) ⇒ <b>Aanwezigheid is verplicht</b></p> <p>Prof. L. Jacxsens</p>
5	<p>When and where: 11/3/2026, E4</p>	<p>When and where: 13/3/2026, E3</p>

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	ECOTOX (Part 1) Dr. Ilias Semmouri INSCRIPTION TO MODULES via UFORA	ECOTOX (Part 2) Dr. Ilias Semmouri INSCRIPTION TO MODULES via UFORA
6	When and where: 18/3/2026, A2  a) Sampling plan design: exercises b) Measure and control techniques: exercises  Prof. L. Jacxsens Ir. Nele Vanhooren → Bring your laptop → Aanwezigheid is verplicht	When: 20/3/2026  No lecture: Dies Natalis
<b>Start van modules</b>		
7	When: 25/3/2026 Group A: choice module 3 and 5  Module 3: A3, chemical risk assessment - theory, deterministic exercise, introduction case study (bring laptop)  Module 5: E5	When: 27/3/2026 Group B: choice module 1, 2, and 4  Module 1: leslokaal A1.1, Guest lecture BELAC  Module 2: E3  Module 4: leslokaal A2.1
8	When: 1/4/2026 Group A: choice module 3 and 5  Module 3: A3, chemical risk assessment - probabilistic exercises in @RISK and feedforward case study (bring laptop)  Module 5: E5	When: 3/4/2026 Group B: choice module 1, 2, and 4  Module 1: leslokaal A1.1  Module 2: E3  Module 4: leslokaal A2.1
	Eastern holiday	Eastern holiday
	Eastern holiday	Eastern holiday
9	When: 22/4/2026 Group A: choice module 3 and 5  Module 3: A3, pesticide risk assessment – prof. Spanoghe (bring laptop)  Module 5: E5	When: 24/4/2026 Group B: choice module 1, 2, and 4  Module 1: leslokaal A1.1  Module 2: E3  Module 4: leslokaal A2.1
10	When: 29/4/2026 Group A: choice module 3 and 5  Module 3: A3, microbial risk assessment - theory, exercises, feedforward case study (bring laptop)	When: 1/5/2026 No lecture labour day

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	Module 5: E5	
11	<p>When: 6/5/2026 Group A: choice module 3 and 5</p> <p>Module 3: A3, microbial risk assessment - exercises, feedforward case study (bring laptop)</p> <p>Module 5: E5</p>	<p>When: 8/5/2026 Group B: choice module 1, 2, and 4</p> <p>Module 1: leslokaal A1.1</p> <p>Module 2: E3 (presentatie case study)</p> <p>Module 4: leslokaal A2.1</p>
12	<p>When: 13/5/2026 Group A: choice module 3 and 5</p> <p>Module 3: A3, presentation of case study</p> <p>Module 5: E5</p>	<p>When: 15/5/2026 No lecture OLH</p>

## Three modules are dealing with quality management:

- **Choice module 1:** Quality management in the laboratory and ISO 17025  
→ Dr. Stef Ghysels
- **Choice module 2:** Food standards and law  
→ Prof. Liesbeth Jacxsens and prof. Johan Hallaert
- **Choice module 4:** Quality management of plant- and animal-based foods during primary production  
→ Prof. Stefaan De Smet and Prof. Emmy Dhooghe

## Two modules are dealing with risk analysis:

- **Choice module 3:** Risk analysis in the agri-food chain, focusing on chemical contaminants, pesticide residues, and pathogenic microorganisms (human exposure via food)  
→ Prof. Liesbeth Jacxsens, Prof. Pieter Spanoghe, Ir. Jasmine De Rop, Ir. Charlie Van Paepegem
- **Choice module 5:** Human exposure and risk assessment to chemicals  
→ Prof. Pieter Spanoghe