



**Faculty of Bioscience Engineering
Master of Science in Nutrition and Food Systems**

Language of instruction: English

Programme version 2

| 1 General Courses | | | | | | 65 credits | |
|-------------------|---------|---|------|-----|-----|------------|-------|
| Nr | Course | | CRDT | Ref | MT1 | Session | Study |
| 1 | I002756 | Applied Statistics <i>Louis Coussement -- Department of Data Analysis and Mathematical Modelling</i> | 5 | | 1 | A:1 | 150 |
| 2 | I003056 | Human Nutrition and Health <i>John Van Camp -- Department of Food Technology, Safety and Health</i> | 5 | | 1 | A:1 | 150 |
| 3 | I002780 | Food Chemistry <i>Bruno De Meulenaer -- Department of Food Technology, Safety and Health</i> | 5 | | 1 | A:1 | 150 |
| 4 | I002914 | Sustainable Agriculture: a Global Perspective <i>Eduardo de la Pena -- Department of Plants and Crops</i> | 5 | | 1 | A:1 | 150 |
| 5 | I002727 | Nutrition Disorders <i>Carl Lachat -- Department of Food Technology, Safety and Health</i> | 5 | | 1 | A:1 | 150 |
| 6 | I002758 | Food Marketing and Consumer Behaviour <i>Wim Verbeke -- Department of Agricultural Economics</i> | 5 | | 1 | A:1 | 150 |
| 7 | I002915 | Sustainable Processing for Safe and Nutritious Foods <i>Frank Devlieghere -- Department of Food Technology, Safety and Health</i> | 5 | | 1 | A:2 | 150 |
| 8 | I002717 | Functional Foods <i>John Van Camp -- Department of Food Technology, Safety and Health</i> | 5 | | 1 | A:2 | 150 |
| 9 | I002730 | Food and Nutrition Epidemiology <i>Carl Lachat -- Department of Food Technology, Safety and Health</i> | 5 | | 1 | A:2 | 150 |
| 10 | I002765 | Sustainable Food Systems <i>Marijke D'Haese -- Department of Agricultural Economics</i> | 5 | | 1 | A:2 | 150 |
| 11 | I002917 | Project Design in Agri-food Systems <i>Hans De Steur -- Department of Agricultural Economics</i> | 5 | | 1 | A:2 | 150 |
| 12 | I002784 | Food and Nutrition Policies <i>Joost Dessein -- Department of Agricultural Economics</i> | 5 | | 2 | A:2 | 150 |
| 13 | I002916 | Professional Conduct in Biosciences: Business, Consultancy and Research <i>Christine Yung Hung -- Department of Agricultural Economics</i> | 5 | | 2 | A:2 | 150 |

| 2 Elective Courses | | | | | | 25 credits |
|--------------------|--|--|--|--|--|------------|
|--------------------|--|--|--|--|--|------------|

Subscribe to 25 credit units from no less than 1 and no more than 3 modules from the following list.

2.1 Master Specific Courses

Subscribe to no less than 10 credit units from the following list.

| Nr | Course | | CRDT | Ref | MT1 | Session | Study |
|----|---------|--|------|-----|-----|---------|-------|
| 1 | I002415 | Food Safety and Risk Analysis <i>Liesbeth Jacksens -- Department of Food Technology, Safety and Health</i> | 5 | | | A:1 | 125 |
| 2 | I002779 | Development Economics <i>Marijke D'Haese -- Department of Agricultural Economics</i> | 5 | | | A:1 | 150 |
| 3 | I002650 | Agricultural and Rural Policy, EU Perspective <i>Jeroen Buysse -- Department of Agricultural Economics</i> | 5 | | | A:1 | 150 |
| 4 | I002747 | Sociological Perspectives on Rural Development <i>Joost Dessein -- Department of Agricultural Economics</i> | 5 | | | A:1 | 150 |

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|---|---------|---|---|-----|-----|
| 5 | I002798 | Applied Rural Economic Research Methods - Partim I <i>Hans De Steur -- Department of Agricultural Economics</i> | 5 | A:1 | 150 |
| 6 | I002722 | Sensory Analysis <i>Joachim Schouteten -- Department of Agricultural Economics</i> | 5 | A:1 | 150 |
| 7 | I002785 | Community Health Promotion <i>Maité Verloigne -- Department of Public Health and Primary Care</i> | 5 | A:2 | 150 |
| 8 | I002763 | Advanced Marketing and Agribusiness Management <i>Hans De Steur -- Department of Agricultural Economics</i> | 5 | A:2 | 150 |
| 9 | I003090 | Global Perspectives of Food Science and Nutrition <i>Mieke Uyttendaele -- Department of Food Technology, Safety and Health</i> | 5 | A:J | 150 |

2.2 Internship

Subscribe to no more than 10 credit units from the following list.

| Nr | Course | CRDT | Ref | MT1 | Session | Study |
|----|--|------|-----|-----|---------|-------|
| 1 | I001993 Internship 1 <i>Katleen Raes -- Department of Food Technology, Safety and Health</i> | 5 | | | A:J | 150 |
| 2 | I001994 Internship 2 <i>Katleen Raes -- Department of Food Technology, Safety and Health</i> | 5 | | | A:J | 150 |
| 3 | I002918 Extended Internship <i>Katleen Raes -- Department of Food Technology, Safety and Health</i> | 10 | | | A:J | 300 |

2.3 Ghent University Courses

Subscribe to no more than 10 credit units from courses offered at Ghent University, including the [Ghent University Elective Courses](#).
Subject to approval by the faculty.

| 3 Master's Dissertation | | 30 credits | | | | |
|-------------------------|---|------------|-----|-----|---------|-------|
| Nr | Course | CRDT | Ref | MT1 | Session | Study |
| 1 | I001509 Master's Dissertation <i>Carl Lachat -- Department of Food Technology, Safety and Health</i> | 30 | | 2 | A:J | 900 |

Teaching

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the course name, using the following ISO codes:

| | | | | | | |
|---------------|-------------|-------------|---------------|----------------|----------------------|-------------|
| bg: Bulgarian | de: German | es: Spanish | ja: Japanese | pl: Polish | sh: Croatian/Serbian | zh: Chinese |
| cs: Czech | el: Greek | fr: French | nl: Dutch | pt: Portuguese | sl: Slovene | |
| da: Danish | en: English | it: Italian | no: Norwegian | ru: Russian | sv: Swedish | |

Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2. When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned.

When a semester is shown in brackets, the course is not offered this year in the specific offering.

The offering frequency and first year of offering are indicated by the following codes:

| | | | |
|-----------------|---------------------------------|---------------------------------|---------------------------------|
| a: bi-annually | c: annually, from 2026-2027 | f: annually, from 2027-2028 | i: annually, from 2028-2029 |
| b: tri-annually | d: bi-annually, from 2026-2027 | g: bi-annually, from 2027-2028 | j: bi-annually, from 2028-2029 |
| | e: tri-annually, from 2026-2027 | h: tri-annually, from 2027-2028 | k: tri-annually, from 2028-2029 |