

## Block view of the study programme

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### Block 1

#### Cours obligatoires de la finalité

##### "Basic foundations" module

|            |   |    |    |    |     |          |
|------------|---|----|----|----|-----|----------|
| VETE0493-1 | <i>Animal production</i>  | Q2 | 24 | 8  | -   | <b>3</b> |
| PAYS0015-1 | <i>Urban farming basis</i> - Haissam JIYAKLI  | Q2 | 24 | -  | -   | <b>2</b> |
| MICA0001-1 | <i>Unit operations and processes in the food industry</i> - Christophe BLECKER, Sabine DANTHINE | Q1 | 24 | 12 | -   | <b>3</b> |
| MICA0002-1 | <i>Preparation and preservation techniques</i> - Christophe BLECKER                             | Q1 | 24 | -  | -   | <b>2</b> |
| MICA0015-1 | <i>Basic food training</i> - Mohamed AYADI, Christophe BLECKER                                  | Q1 | 8  | 16 | -   | <b>2</b> |
| MICA0004-1 | <i>Main food chains</i> - Mohamed AYADI   | Q1 | 24 | -  | -   | <b>2</b> |
| HULG9621-1 | <i>The fermentation industry</i>  | Q1 | -  | -  | -   | <b>2</b> |
| GBLX0059-2 | <i>Logistics in food industry</i> - Mohamed AYADI - [3h FT, 4h SEM]                             | Q1 | 9  | 6  | [+] | <b>2</b> |
| VETE0494-1 | <i>Food law</i>   | Q1 | 4  | 4  | -   | <b>1</b> |
| MICA0005-1 | <i>Topical seminar</i> - Christophe BLECKER - [36h AUTR]  | Q2 | -  | -  | [+] | <b>3</b> |
| MICA0006-1 | <i>Preparation of transversal project</i> - Dorothée GOFFIN - [12h AUTR]                        | Q2 | -  | -  | [+] | <b>1</b> |
| HULG9622-1 | <i>Multivariate statistics</i>  | Q1 | -  | -  | -   | <b>2</b> |
| ECON2248-1 | <i>Environmental economy</i> - Kevin MARÉCHAL   | Q1 | 18 | -  | -   | <b>2</b> |
| <b>z</b>   |   |    |    |    |     |          |
| MICA0010-1 | <i>Creativity initiation</i> - Dorothée GOFFIN  | Q2 | 8  | 4  | -   | <b>1</b> |

#### Cours obligatoires du tronc commun

##### "Basic foundations" module

|            |  |    |    |   |     |          |
|------------|--|----|----|---|-----|----------|
| ANIM0005-1 | <i>Functional biochemistry in health and disease</i> (english language) - Martine SCHROYEN           | Q2 | 9  | 9 | -   | <b>2</b> |
| AGRO0001-1 | <i>Basic principles of agriculture and agroecology</i> - Pierre DELAPLACE, Benjamin DUMONT - [4h FT] | Q2 | 20 | - | [+] | <b>2</b> |
| BIOL2018-1 | <i>Animal nutrition</i> - Yves BECKERS   | Q2 | 24 | - | -   | <b>2</b> |

##### "Safety" module

|            |  |    |    |   |     |          |
|------------|--|----|----|---|-----|----------|
| VETE0495-1 | <i>Food microbiological quality management</i> - [8h AUTR]                     | Q2 | 12 | - | [+] | <b>2</b> |
| VETE0496-1 | <i>Chemical risk management related to food</i> - [8h AUTR]                    | Q2 | 12 | - | [+] | <b>2</b> |
| VETE0497-1 | <i>Self-control and control of the food chain</i> - Mohamed AYADI - [16h AUTR] | Q2 | 24 | 5 | [+] | <b>4</b> |

##### "Satisfaction" module

|            |   |    |    |    |   |          |
|------------|---|----|----|----|---|----------|
| MICA0007-1 | <i>Feeding behaviours and food sensory evaluation</i> - Dorothée GOFFIN | Q2 | 24 | 12 | - | <b>3</b> |
| MICA0008-1 | <i>Aromas analysis</i> - MarieLaure FAUCONNIER                          | Q2 | 8  | 16 | - | <b>2</b> |
| ECON2252-2 | <i>Marketing and consumer market research</i> - Alain DECROP            | Q1 | 36 | -  | - | <b>4</b> |

##### **z**

|            |  |    |    |    |     |          |
|------------|--|----|----|----|-----|----------|
| HULG9407-1 | <i>Communication techniques</i> - Pascal LÉONARD                                 | Q1 | -  | 12 | -   | <b>1</b> |
| MICA0009-1 | <i>Innovation management</i> - Dorothée GOFFIN                                   | Q2 | 36 | -  | -   | <b>3</b> |
| ENVT2049-2 | <i>Assessing sustainability</i> - Andrea DI MARIA, Angélique LÉONARD - [9h AUTR] | Q1 | 9  | -  | [+] | <b>2</b> |
| ENVT3132-1 | <i>Aquatic ecotoxicology and the production of macroinvertebrates</i> -          | Q1 | 6  | 12 | [+] | <b>3</b> |

# Study programmes 2024-2025

## Gembloux Agro-Bio Tech

### Master in innovation management and the food design , professional focus

APARROS MEGIDO, Frédéric FRANCIS - [4h AUTR]

#### **Block 2**

##### **Cours obligatoires du tronc commun**

###### **"Health" module**

|            |   |    |    |   |     |          |
|------------|---|----|----|---|-----|----------|
| MICA0014-1 | <i>Human nutrition, normal and diseases</i><br>- Nutrition, éléments de diététique et pathologies, Nutrition and diseases - Nathalie ESSER, Nicolas PAQUOT<br>- Allergies et intolérances alimentaires - Catherine REENAERS | Q1 | 10 | - | -   | <b>4</b> |
| VETE0499-1 | <i>Nutrition and health - [4h AUTR]</i>   | Q1 | 15 | 8 | [+] | <b>2</b> |
| VETE0498-1 | <i>Complements of domestic animals clinical nutrition</i>   | Q2 | 20 | - | -   | <b>2</b> |

###### **"Service" module**

|            |   |    |    |   |   |          |
|------------|---|----|----|---|---|----------|
| HULG0468-1 | <i>Means for producing and implementing a package</i> | Q1 | 12 | - | - | <b>1</b> |
| HULG0469-1 | <i>Packaging and advanced technologies</i>            | Q1 | 18 | 6 | - | <b>2</b> |
| HULG0470-1 | <i>Design and safety of packaged products</i>         | Q1 | 18 | 6 | - | <b>2</b> |
| HULG0471-1 | <i>Packaging development - Louise CHARLIER</i>        | Q1 | 12 | - | - | <b>1</b> |
| HULG0472-1 | <i>Marketing and design</i>                           | Q1 | 18 | 6 | - | <b>2</b> |

###### **Cross-cutting project**

|            |  |    |   |   |   |           |
|------------|--|----|---|---|---|-----------|
| MICA0013-1 | <i>Transversal project - Dorothée GOFFIN</i> | Q1 | - | - | - | <b>14</b> |
|------------|--|----|---|---|---|-----------|

###### **Dissertation**

|            |                                       |    |   |   |   |           |
|------------|---------------------------------------|----|---|---|---|-----------|
| RTFE0015-1 | <i>Final thesis - Dorothée GOFFIN</i> | Q2 | - | - | - | <b>30</b> |
|------------|---------------------------------------|----|---|---|---|-----------|

##### **Bloc d'aménagement du programme de l'année**

## **Additional ECTS (max 15) Master in innovation and food design management (120 ECTS)**

##### **Compulsory courses**

###### **Common core courses**

|            |  |    |   |    |     |           |
|------------|--|----|---|----|-----|-----------|
| MANA0008-1 | <i>Bibliographic synthesis work - Christophe BLECKER - [180h AUTR]</i>   | TA | - | -  | [+] | <b>14</b> |
| DOCU0449-3 | <i>Scientific literature and information literacy - Jacques MIGNON - [14h AUTR]</i>  | Q1 | 4 | 6  | [+] | <b>2</b>  |
| INFO2037-1 | <i>Introduction to computer science - Hélène SOYEURT</i>   | Q1 | 6 | 18 | -   | <b>2</b>  |
| BIOL2013-3 | <i>General microbiology</i><br>- Introduction - Patrick FICKERS, Philippe JACQUES<br>- Depth notions - Patrick FICKERS, Philippe JACQUES | TA |   |    |     | <b>4</b>  |

[...] Choose 2 courses of foreign language from:

[...] The jury reserves the right to add to the 30 credit core curriculum, depending on students' profiles.

[...] Standard course suggestion

###### **Language course (extra credits)**

|            |  |    |   |    |     |          |
|------------|--|----|---|----|-----|----------|
| LANG2950-1 | <i>English language: level 1 - Estelle MAYARD - [48h E-Lrng]</i>     | TA | - | 24 | [+] | <b>4</b> |
| LANG2962-1 | <i>English language: level 2 - Sophie DEPOTERRE - [48h E-Lrng]</i>   | TA | - | 24 | [+] | <b>4</b> |
| LANG2966-2 | <i>English language: level 3 - Sophie DEPOTERRE, Estelle MAYARD,</i> | TA | - | 24 | [+] | <b>4</b> |

# Study programmes 2024-2025

## Gembloux Agro-Bio Tech

### Master in innovation management and the food design , professional focus

Fiona THEWISSEN - [48h E-Lrng]

#### Typical course

|            |  |    |    |    |     |          |
|------------|--|----|----|----|-----|----------|
| PSYC5897-3 | <i>Team, organization and change</i> - Daniel FAULX, Véronique JANS, Tiber MANFREDINI - [44h SEM]                        | TA | 4  | -  | [+] | <b>2</b> |
| GBLX2131-2 | <i>Biosphere, agriculture and society</i> - Benjamin DUMONT , Grégory MAHY, Sybille MERTENS DE WILMARS - [2h SEM]        | Q2 | 42 | -  | [+] | <b>4</b> |
| CHIM9267-1 | <i>Chemistry of equilibria</i> - Aurore RICHEL - [8h REM]  | Q2 | 20 | 21 | [+] | <b>4</b> |
| CHIM9268-1 | <i>Chemistry: from the atom to the molecule</i> - MarieLaure FAUCONNIER - [10h REM, 8h AUTR]                             | Q1 | 31 | 36 | [+] | <b>7</b> |
| CHIM9255-3 | <i>Organic Chemistry</i> - MarieLaure FAUCONNIER   | Q1 | 21 | 27 | -   | <b>4</b> |
| MANA0003-1 | <i>Portfolio (Bachelor)</i> - Yves BECKERS, Hugues CLAESSENS, Gilles COLINET, Aurore DEGRÉ, Dorothée GOFFIN - [24h AUTR] | TA | -  | -  | [+] | <b>2</b> |
| BIOL2045-1 | <i>Biology basis</i> - Patrick DU JARDIN, Ludivine LASSOIS   | Q1 | 18 | 6  | -   | <b>3</b> |