

Faculty of Bioscience Engineering

Exchange Programme in Bioscience Engineering: Food Science and Nutrition (master's level)

Language of instruction: English

Programme version 9

1 Elective Courses

Nr	Course	CRDT	Ref	MT1	Session	Study
1	I002750 Isotopes in Biosciences <i>Pascal Boeckx -- Department of Green Chemistry and Technology</i>	5			A:1	150
2	I002756 Applied Statistics <i>Louis Coussement -- Department of Data Analysis and Mathematical Modelling</i>	5			A:1	150
3	I002753 Chemistry of Natural Products <i>Sven Mangelinckx -- Department of Green Chemistry and Technology</i>	5			A:1	150
4	I002700 Clean Technology <i>Sophie Huysveld -- Department of Green Chemistry and Technology</i>	5			A:1	150
5	I002701 Clean Technology: Theory and Concepts <i>Sophie Huysveld -- Department of Green Chemistry and Technology</i>	3			A:1	90
6	I002779 Development Economics <i>Marijke D'Haese -- Department of Agricultural Economics</i>	5			A:1	150
7	I002784 Food and Nutrition Policies <i>Joost Dessein -- Department of Agricultural Economics</i>	5			A:2	150
8	I002780 Food Chemistry <i>Bruno De Meulenaer -- Department of Food Technology, Safety and Health</i>	5			A:1	150
9	I002757 Food Chemistry and Analysis <i>Bruno De Meulenaer -- Department of Food Technology, Safety and Health</i>	7			A:1	210
10	I002762 Food Colloids <i>Paul Van der Meeren -- Department of Green Chemistry and Technology</i>	5			A:1	150
11	I002758 Food Marketing and Consumer Behaviour <i>Wim Verbeke -- Department of Agricultural Economics</i>	5			A:1	150
12	I002759 Food Microbiology and Analysis <i>Andreja Rajkovic -- Department of Food Technology, Safety and Health</i>	7			A:1	210
13	I002760 Food Processing <i>Koen Dewettinck -- Department of Food Technology, Safety and Health</i>	7			A:1	210
14	I002777 Human Nutrition <i>John Van Camp -- Department of Food Technology, Safety and Health</i>	5			A:1	150
15	I002764 Milk and Dairy Technology <i>Koen Dewettinck -- Department of Food Technology, Safety and Health</i>	4			A:1	120
16	I002727 Nutrition Disorders <i>Carl Lachat -- Department of Food Technology, Safety and Health</i>	5			A:1	150
17	I002761 Statistical Topics in Food Technology <i>Tim De Meyer -- Department of Data Analysis and Mathematical Modelling</i>	4			A:1	120
18	I001084 Technology of Fishery Products <i>Frank Devlieghere -- Department of Food Technology, Safety and Health</i>	3			A:1	90
19	I002763 Advanced Marketing and Agribusiness Management <i>Wim Verbeke -- Department of Agricultural Economics</i>	5			A:2	150
20	I002653 Animal Nutrition <i>Veerle Fievez -- Department of Animal Sciences and Aquatic Ecology</i>	5			A:2	150

21	I002679	Green Chemistry of Renewable Resources <i>Sven Mangelincx -- Department of Green Chemistry and Technology</i>	4	A:1	120
22	I001280	Experimental Design <i>Stijn Luca -- Department of Data Analysis and Mathematical Modelling</i>	3	A:2	75
23	I002730	Food and Nutrition Epidemiology <i>Carl Lachat -- Department of Food Technology, Safety and Health</i>	5	A:2	150
24	I002726	Food Fermentations <i>Katleen Raes -- Department of Food Technology, Safety and Health</i>	4	A:2	120
25	I002717	Functional Foods <i>John Van Camp -- Department of Food Technology, Safety and Health</i>	5	A:2	150
26	I002755	Meat Science and Technology <i>Stefaan De Smet -- Department of Animal Sciences and Aquatic Ecology</i>	4	A:1	120
27	I002607	Resource Recovery Technology <i>Ramon Ganigú -- Department of Biotechnology</i>	6	A:2	180
28	I002652	Quality Management and Risk Analysis <i>Liesbeth Jacxsens -- Department of Food Technology, Safety and Health</i>	5	A:2	150
29	I002722	Sensory Analysis <i>Xavier Gellynck -- Department of Agricultural Economics</i>	5	A:1	150
30	I002673	Packaging Technology <i>Peter Ragaert -- Department of Food Technology, Safety and Health</i>	5	A:2	150
31	I002721	Food Regulation <i>Liesbeth Jacxsens -- Department of Food Technology, Safety and Health</i>	4	A:2	120
32	I001967	Intellectual Property and Valorization <i>Benedikt Sas -- Department of Food Technology, Safety and Health</i>	3	A:2	90
33	I002624	Biochemical and Molecular Nutrition <i>John Van Camp -- Department of Food Technology, Safety and Health</i>	3	A:1	90
34	I002612	Industrial Biotechnology <i>Wim Soetaert -- Department of Biotechnology</i>	5	A:1	150
35	I002669	Food Technology <i>Koen Dewettinck -- Department of Food Technology, Safety and Health</i>	5	A:1	150
36	I002723	Formulation and Structuring of Foods <i>Filip Van Bockstaele -- Department of Food Technology, Safety and Health</i>	5	A:1	150
37	I002415	Food Safety and Risk Analysis <i>Liesbeth Jacxsens -- Department of Food Technology, Safety and Health</i>	5	A:1	125
38	I002623	Interphase Processes of Host-associated Micro-organisms <i>Tom Van de Wiele -- Department of Biotechnology</i>	5	A:1	150
39	I002702	Clean Technology: Assessment Methods <i>Sophie Huysveld -- Department of Green Chemistry and Technology</i>	3	A:1	90
40	I002914	Sustainable Agriculture: a Global Perspective <i>Eduardo de la Pena -- Department of Plants and Crops</i>	5	A:1	150
41	I002915	Sustainable Processing for Safe and Nutritious Foods <i>Koen Dewettinck -- Department of Food Technology, Safety and Health</i>	5	A:2	150
42	I002934	Technology of Plant-based Foods <i>Koen Dewettinck -- Department of Food Technology, Safety and Health</i>	5		150
43	I002932	Machine Learning for Life Sciences <i>Willem Waegeman -- Department of Data Analysis and Mathematical Modelling</i>	5	A:1	150
44	I003015	Environmental Fate and Management of Pesticides <i>Pieter Spanoghe -- Department of Plants and Crops</i>	5	A:1	150

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 2025-2026	f: annually, from 2026-2027	i: annually, from 2027-2028
b: tri-annually	d: bi-annually, from 2025-2026	g: bi-annually, from 2026-2027	j: bi-annually, from 2027-2028
	e: tri-annually, from 2025-2026	h: tri-annually, from 2026-2027	k: tri-annually, from 2027-2028