

# Summer School

## Sustainability in the Agro-Food Chain

### Programme 2-29 September 2018

#### Ghent University

*All lectures take place at the Faculty of Bioscience Engineering (FBE), Coupure Links 653, 9000 Gent, **lecture room A2.2 (A2.097)** unless indicated otherwise.*

Sunday 2 September 2018		comment
08:50	Arrival at Brussels Airport – SN9552 08:50	Pick-up by bus
10.00-11.00	Transportation to Gent	
11.00-16.30	Time to relax + check-in at the <a href="#">hostel Uppelink</a>	
16.30-18.00	Guided tour in Gent	
18.00-20.30	Dinner in <a href="#">'t Vosken</a>	Stew & Fries

Monday 3 September 2018		comment
09.00-09.30	Walk from the hostel to the Faculty	Hilde will come to the hostel to walk you to the Faculty (only on first day!)
09.30-10.00	Arrival & Welcome Coffee	Prof. M. Van Meirvenne, Dean
10.00-11.00	Presentation UGent & Faculty of Bioscience Engineering	H. Vandecasteele, International Relations Officer
11.00-12.00	Cultural introduction	Ana Paulina López Gorillo
12.00-12.30	Guided tour on campus	H. Vandecasteele, International Relations Officer
12.30-13.30	Lunch	On Campus Coupure
13.30-16.00	Lecture: Fermentation Science, Beer History and Culture	Prof. em. R. Verhé,

Tuesday 4 September 2018			comment
09.00-10.30	Lecture: New technologies for the production of biofuels	Prof. em. R. Verhé,	
10.30-10.45	Coffee break		
10.45-12.15	Lecture: Algae- and Plant-Based Wastewater Treatment Systems	Prof. D. Rousseau, Dept. of Green Chemistry and Technology	
12.15-13.30	Lunch		
13.30-14.30	Transportation		
14.30-16.30	Visit to <a href="#">VIB</a>		
16.30-17.30	Transportation		

Wednesday 5 September 2018			comment
10.00-10.30	Presentation about Local Food Teams	Hilde Vandecasteele, International Relations Officer	
10.30-10.45	Coffee break		
10.45-12.15	Lecture: Introduction to Flanders and Belgium	Valère Meus	
12.15-13.15	Lunch		On Campus Coupure
13.20-15.05	Laboratory safety and introduction to practical sessions	Karel Folens and Reinhart Van Poucke	Building A, Ground floor, Auditorium A1  BEPREP
15.05-15.15	Break		
15.15-17.00	Teaser Dutch language	Karen De Potter	Building A, Ground floor, Auditorium A1  BEPREP

Thursday 6 September 2018			comment
09.00-10.30	Lecture: Genetically Modified Plants: what, why, where	Prof. L. Gheysen, Dept. of Biotechnology	
10.30-10.45	Coffee break		
10.45-12.15	Lecture: Plant Production	Prof. D. Reheul, Dept. of Plants and Crops	
12.15-13.30	Lunch		On Campus Coupure
13.45-14.30	Transportation		
14.30-16.30	Visit to <a href="#">ILVO – Food Pilot Plant</a>		
16.30-17.15	Transportation		

Friday 7 September 2018			comment
08.45-09.30	Transportation		
9.30-11.30	Visit to Farms working with Local Food Teams <a href="#">Geetkotmolenhoeve</a>		
11.30-12.00	Transportation		
12.00-15.00	<a href="#">'t Eikenhof</a>		Lunch + Workshop on making cheese
15.00-15.45	Transportation		
15.45-18.30			
18.30-20.00	Visit to local Food Team + drink to start the weekend		Hilde will come to hostel at 18.30
20.00-22.00	Dinner at Greek restaurant		

Saturday 8 September 2018		
Visit to Brussels – full day Morning: guided tour - Afternoon: free (suggestion: Belgian Beer Weekend: <a href="https://www.brussel.be/belgian-beer-weekend">https://www.brussel.be/belgian-beer-weekend</a> )		

Sunday 9 September 2018		
FREE DAY		

Monday 10 September 2018			comment
09.00-10.30	Lecture: Circular Economy: Valorization of Municipal and Industrial Waste	Prof. em. R. Verhé	Meeting room A2.2 (A2.055)
10.30-10.45	Coffee break		
10.45-12.15	Lecture: Aquaculture in the 21 <sup>st</sup> century	Prof. em. P. Sorgeloos, Dept. of Animal Sciences and Aquatic Ecology	Meeting room A2.2 (A2.055)
12.15-13.15	Lunch		On Campus Coupure
13.15-14.00	Transportation		
14.00-16.00	Visit to <a href="#">Ecotreasures</a>		
16.00-16.45	Transportation		

Tuesday 11 September 2018			comment
08.30-10.15	MODULE CHEMISTRY: Chemistry refresher course: theory – part 1A: Atoms, molecules and ions	Prof. K. Strubbe	De Sterre, Krijgslaan 281, Building 40.12 S12, Auditorium basement -1.25  BEPREP
10.15-10.35	Break		
10.35-12.20	MODULE CHEMISTRY: Chemistry refresher course: theory – part 1B: A chemical bond	Prof. K. Strubbe	De Sterre, Krijgslaan 281, Building 40.12 S12, Auditorium basement -1.25  BEPREP
12.20-13.20	Lunchtime		On Campus De Sterre
13.20-15.05	MODULE CHEMISTRY: Chemistry refresher course: theory - part 2A: Chemical stoichiometry	Prof. K. Strubbe	De Sterre, Krijgslaan 281, Building 40.12 S12, Auditorium basement -1.25  BEPREP
15.05-15.15	Break		
15.15-17.00	MODULE CHEMISTRY: Chemistry refresher course: theory – part 2B: Chemical reactions in solutions	Prof. K. Strubbe	De Sterre, Krijgslaan 281, Building 40.12 S12, Auditorium basement -1.25  BEPREP

Wednesday 12 September 2018		comment
08.45-10.00	Transportation	
10.00-12.00	Visit to <a href="#">Ardo</a>	
12.00-12.15	Transportation	
12.15-13.30	Lunch	
13.30-14.00	Transportation	
14.00-16.30	Visit to <a href="#">INAGRO</a>	
16.30-17.30	Transportation	

Thursday 13 September 2018		comment
08.30-10.15	MODULE CHEMISTRY: Workshop laboratory skills: Chemical reactions - precipitation reactions - separation techniques	De Sterre, Krijgslaan 281, Building 40.12 S12, Lab 2.012  BEPREP
10.15-10.35	Break	
10.35-12.20	MODULE CHEMISTRY: Workshop laboratory skills: Chemical reactions - precipitation reactions - separation techniques Ctd.	De Sterre, Krijgslaan 281, Building 40.12 S12, Lab 2.012  BEPREP
12.20-13.20	Lunchtime	On Campus De Sterre
13.20-15.05	MODULE CHEMISTRY: Workshop laboratory: Volumetric analysis	De Sterre, Krijgslaan 281, Building 40.12 S12, Lab 2.012  BEPREP

Friday 14 September 2018		comment
08.30-10.15	MODULE CHEMISTRY: Chemistry refresher course: exercises	Dr. I. De Bo  Dunant, Watersportlaan 2, Auditorium 1 Marc Maes  BEPREP
10.15-10.35	Break	
10.35-12.20	MODULE CHEMISTRY: Chemistry refresher course: exercises	Dr. I. De Bo  Dunant, Watersportlaan 2, Auditorium 1 Marc Maes  BEPREP
12.45-13.45	Lunch	On Campus Coupure
FREE AFTERNOON		

### Saturday 15 September 2018

Visit to Bruges – full day  
Morning: visit to [Chocostory](#)  
Afternoon: boat tour (30-45 minutes) / rest of the afternoon: free

### Sunday 16 September 2018

FREE DAY

### Monday 17 September 2018

Visit to Ostend – full day  
Morning: guided tour  
Afternoon: free

### Tuesday 18 September 2018

comment

FREE MORNING

12.30-13.30	Lunch	On Campus Coupure
14.00-15.00	Transportation	
15.00-16.00	Visit to <a href="#">Roof Food</a>	
16.00-17.00	Transportation	
17.00-19.00	Visit to <a href="#">Brewery Huyghe</a>	
19.00-20.00	Transportation	

### Wednesday 19 September 2018

comment

09.00-10.30	Lecture: Sustainability and Exergy	M. Cooreman-Algoed/D. Sanjuan Delmas, Dept. of Green Chemistry and Technology	PC room A1.1 (A1.055)
10.30-10.45	Coffee break		
10.45-12.15	Lecture: Environmental Biotechnology	Dr. R. Ganigué, Dept. of Biotechnology	PC Room A1.1 (A1.055)
12.15-13.15	Lunch		On Campus Coupure
13.15-14.00	Transportation		
14.00-16.00	Visit to <a href="#">Bio Base Europe Pilot Plant Gent</a>		
16.00-16.45	Transportation		

Thursday 20 September 2018			comment
FREE MORNING			
12.00-13.00	Lunch		On Campus Coupure
13.00-14.45			
14.45-15.30	Transportation		
15.30-17.00	Visit to <a href="#">Tomatomasters</a>		
17.00-17.45	Transportation		

Friday 21 September 2018			comment
FREE MORNING			
12.30-13.30	Lunch		On Campus Coupure
13.30-15.00	Lecture: Sustainable Water Resources Management in relation to Food Production	Dr. M.A. Eurie Forio, Dept. of Animal Sciences and Aquatic Ecology	
15.00-15.15	Coffee break		
15.15-16.45	Lecture: Economic Aspects of Bioproduction	Prof. J. Buysse, Dept. of Agricultural Economics	

Saturday 22 & Sunday 23 September 2018			
FREE WEEKEND			

Monday 24 September 2018			comment
09.30-11.00	Transportation		
11.00-14.00	<a href="#">Vineyard Monteberg</a> + picnic		
14.00-14.30	Transportation		
14.30-16.00	Visit <a href="#">In Flanders Fields Museum</a>		
16.00-18.00	Visit to <a href="#">Tyne Cot Cemetery</a>		
18.00-19.30	Dinner		
19.30-20.15	<a href="#">The last post</a>		
20.15-21.30	Transportation		

**Tuesday 25 September 2018**

Visit to Antwerp – full day  
Morning: guided tour  
Afternoon: free

**Wednesday 26 September 2018**

**comment**

9.00-10.30	Lecture: Impact of Climate Change and Globalisation on Safety of Fresh Produce	Prof. M. Uyttendaele, Dept. of Food Technology, Safety and Health	Lecture Room A1.1. (A1.057)
10.30-10.45	Coffee break		
10.45-12.15	Lecture: Food packaging – finding an equilibrium between functionality, convenience and sustainability	Prof. P. Ragaert, Dept. of Food Technology, Safety and Health	Lecture Room A1.1 (A1.057)
12.15-13.15	Lunch		On Campus Coupure
FREE AFTERNOON			

**Thursday 27 September 2018**

FREE DAY

**Friday 28 September 2018**

**comment**

08.00–10.00	Transportation		
10.00-12.30	Visit to <a href="#">Proefcentrum Herent</a>		
12.30–13.00	Transportation		
13.00 – 14.00	Lunch		Huize De Veuster
14.00–15.30	Visit to <a href="#">museum of Father Damien</a>		
19.30-22.00	Farewell dinner		Het Pand

**Saturday 29 September 2018**

**comment**

06.30	Departure to Brussels Airport Flight at 10.45		Pick-up by bus
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