

# BEPLUS

7 - 22 September 2017

Preparatory programme on economics, chemistry, mathematics and statistics for  
Ghent University students

offered by the Faculty of Bioscience Engineering

Contact [applications.itc@ugent.be](mailto:applications.itc@ugent.be) in case of further questions and for enrolment.

Module Economics: €50 fee
Module Chemistry: €50 fee
Module Mathematics: €50 fee
Module Statistics: €50 fee

**All activities take place at the Faculty of Bioscience Engineering, Coupure Links 653, 9000 Gent, Building A, Ground floor, Room 041 unless indicated otherwise.**

Thursday, September 7 <sup>th</sup> 2017 Coupure Links 653, Building A, Ground floor, Room 041		
7:30	8:30	Registration for BEPLUS
8:30	10:15	MODULE ECONOMICS: Economics refresher course: theory - part 1A: The scope of economics – Luc D'Haese
10:15	10:35	Break
10:35	12:20	MODULE ECONOMICS: Economics refresher course: theory - part 1B: How markets work – Luc D'Haese
12:20	13:20	Lunchtime
13:20	15:05	MODULE CHEMISTRY: Laboratory safety and introduction to practical sessions – Karel Folens and Reinhart Van Poucke

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**Friday, September 8<sup>th</sup> 2017 Coupure Links 653, Building A, Ground floor, Room 041**

8:30	10:15	MODULE ECONOMICS: Economics refresher course: theory - part 2A: Households, firms and markets – Luc D’Haese
10:15	10:35	Break
10:35	12:20	MODULE ECONOMICS: Economics refresher course: theory - part 2B: Households, firms and markets – Luc D’Haese
12:20	13:20	Lunchtime
13:20	15:05	MODULE ECONOMICS: Economics refresher course: exercises
15:05	15:15	Break
15:15	17:00	MODULE ECONOMICS: Economics refresher course: exercises

**Monday, September 11<sup>th</sup> 2017 De Sterre, Krijgslaan 281, Building S12, Auditorium -1.25 in cellar**

13:20	15:05	MODULE CHEMISTRY: Chemistry refresher course: theory – part 1A: Atoms, molecules and ions – Katrien Strubbe (Campus De Sterre, Building S12, Krijgslaan 281, 9000 Gent)
15:05	15:15	Break
15:15	17:00	MODULE CHEMISTRY: Chemistry refresher course: theory – part 1B: A chemical bond – Katrien Strubbe (Campus De Sterre, Building S12, Krijgslaan 281, 9000 Gent)

**Tuesday, September 12<sup>th</sup> 2017 De Sterre, Krijgslaan 281, Building S12, Auditorium -1.25 in cellar**

8:30	10:15	MODULE CHEMISTRY: Chemistry refresher course: theory - part 2A: Chemical stoichiometry – Katrien Strubbe (Campus De Sterre, Building S12, Krijgslaan 281, 9000 Gent)
10:15	10:35	Break
10:35	12:20	MODULE CHEMISTRY: Chemistry refresher course: theory – part 2B: Chemical reactions in solutions – Katrien Strubbe
12:20	13:20	Lunchtime
13:20	15:05	MODULE CHEMISTRY: Chemistry refresher course: exercises – Inge De Bo (Campus De Sterre, Building S12, Krijgslaan 281, 9000 Gent)
15:05	15:15	Break
15:15	17:00	MODULE CHEMISTRY: Chemistry refresher course: exercises – Inge De Bo (Campus De Sterre, Building S12, Krijgslaan 281, 9000 Gent)

**Wednesday, September 13<sup>th</sup> 2017 De Sterre, Krijgslaan 281, Building S12, Lab 0.011 on groundfloor**

8:30	10:15	MODULE CHEMISTRY: Workshop laboratory skills: Chemical reactions - precipitation reactions - separation techniques (Campus De Sterre, Building S12, Krijgslaan 281, 9000 Gent)
10:15	10:35	Break
10:35	12:20	MODULE CHEMISTRY: Workshop laboratory skills: Chemical reactions - precipitation reactions - separation techniques Ctd. (Campus De Sterre, Building S12, Krijgslaan 281, 9000 Gent)
12:20	14:00	Lunchtime
14:00	15:45	MODULE CHEMISTRY: Workshop laboratory: Volumetric analysis (Campus De Sterre, Building S12, Krijgslaan 281, 9000 Gent)

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**Thursday, September 14<sup>th</sup> 2017 Coupure Links 653, Building A, Ground floor, Room 041**

8:30	10:15	MODULE MATHEMATICS: Mathematics refresher course: theory - part 1A: Arithmetic - Algebra – Inge De Bo
10:15	10:35	Break
10:35	12:20	MODULE MATHEMATICS: Mathematics refresher course: theory - part 1B: Functions and graphs – Inge De Bo
12:20	13:20	Lunchtime

**Friday, September 15<sup>th</sup> 2017 Coupure Links 653, Building A, Ground floor, Room 041**

8:30	10:15	MODULE MATHEMATICS: Mathematics refresher course: theory - part 2A: Conversion of units – Differentiation, Matrices and determinants – Inge de Bo
10:15	10:35	Break
10:35	12:20	MODULE MATHEMATICS: Mathematics refresher course: theory - part 2B: Differentiation and integration – Inge de Bo
12:20	13:20	Lunchtime
13:20	15:05	MODULE MATHEMATICS: Mathematics refresher course: exercises – Inge de Bo
15:05	15:15	Break
15:15	17:00	MODULE MATHEMATICS: Mathematics refresher course: exercises – Inge de Bo

**Monday, September 18<sup>th</sup> 2017 Coupure Links 653, Building A, Ground floor, Room 041**

8:30	10:15	MODULE STATISTICS: Statistics refresher course: theory - part 1: Descriptive Statistics – Joris Meys
10:15	10:35	Break
10:35	12:20	MODULE STATISTICS: Statistics refresher course: theory - part 1: Descriptive Statistics – Joris Meys

**Tuesday, September 19<sup>th</sup> 2017 Coupure Links 653, Building A, Ground floor, Room 041**

8:30	10:15	MODULE STATISTICS: Statistics refresher course: theory - part 2: Probability – Joris Meys
10:15	10:35	Break
10:35	12:20	MODULE STATISTICS: Statistics refresher course: theory - part 2: Probability – Joris Meys
12:20	13:20	Lunchtime
13:20	15:05	MODULE STATISTICS: Statistics refresher course: exercises – Joris Meys
15:05	15:15	Break
15:15	17:00	MODULE STATISTICS: Statistics refresher course: exercises – Joris Meys

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