GHENT UNIVERSITY

Course Specifications

Valid as from the academic year 2020-2021

Case Studies and Company Visits (I002412)

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Course size *(nominal values; actual values may depend on programme)*

Credits 5.0	**Study time** 125 h	**Contact hrs**	40.0 h

Course offerings and teaching methods in academic year 2020-2021

A (semester 1)	English	Gent	self-reliant study activities	1.25 h
			guided self-study	5.0 h

Lecturers in academic year 2020-2021

Meers, Erik	LA24	lecturer-in-charge
Michels, Evi	LA24	co-lecturer
Van Bogaert, Inge	LA25	co-lecturer

Offered in the following programmes in 2020-2021	**crdts**	**offering**
Bachelor of Science in Environmental Technology	5	A
Bachelor of Science in Food Technology	5	A
Bachelor of Science in Molecular Biotechnology	5	A

Teaching languages

English

Keywords

case studies, company visit, food, biotech, environment, guest lectures

Position of the course

Contents

In this course, various specific industrial cases will be discussed in which scientific research leads to actual industrial development and implementation in the food, biotech and environmental sectors. In addition to case study discussion during the lectures, also excursions are organised to companies to see innovative processes in actions.

Initial competences

Basic knowledge on Food Technology, Environmental Technology and Biotechnology (building from previous courses) is required in order for the students to be able to fully comprehend the practical cases and understand the company visits

Final competences

1 Having the ability to understand and critically evaluate processes and strategies in biotech, food & environmental industry.
2 Being able to understand the hands-on industrial applications that are derived from research.

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Guided self-study, group work, self-reliant study activities, online lecture

Extra information on the teaching methods

Theory is taught via plenary lectures, this goes as well for the theoretical exercises. An excursion to a relevant installation is planned.

Learning materials and price

Presentation slides and backgrounddocuments provided by the lecturer and the visited companies.

References

Course content-related study coaching

In addition to lectures and excursions, the students will be guided towards presenting their own case. Students enjoy access to individual feedback moments (microteaching) in the development of their assignment.

Evaluation methods

end-of-term evaluation and continuous assessment

Examination methods in case of periodic evaluation during the first examination period

Written examination

Examination methods in case of periodic evaluation during the second examination period

Written examination

Examination methods in case of permanent evaluation

Oral examination, assignment, peer assessment

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible in modified form

Extra information on the examination methods

The exam consists out of several brief questions specifically related to 'circular economy' aspects on case studies described in class or the company visits. The exam amounts for 50% of the final score. In addition, students also need to prepare a presentation in frame of a specific assignment, which itself also amounts to 50% of the score. This presentation is conducted outside the examination period, during the academic semester.

Calculation of the examination mark

Own presentation (outside exam period), of individual assignment: 50% ; Written exam on cases and excursions : 50%
Students who eschew period aligned and/or non-period aligned evaluations for this course unit may be failed by the examiner.