Case Studies and Company Visits (L002412)

Valid as from the academic year 2018-2019

Course Specifications

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

<table>
<thead>
<tr>
<th>Credits</th>
<th>Study time</th>
<th>Contact hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0</td>
<td>125 h</td>
<td>40.0 h</td>
</tr>
</tbody>
</table>

Course offerings in academic year 2018-2019

A (semester 1) English

Lecturers in academic year 2018-2019

Meers, Erik LA24 lecturer-in-charge

Offered in the following programmes in 2018-2019

<table>
<thead>
<tr>
<th>Programme</th>
<th>Credits</th>
<th>Offering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Science in Environmental Technology</td>
<td>5</td>
<td>A</td>
</tr>
<tr>
<td>Bachelor of Science in Food Technology</td>
<td>5</td>
<td>A</td>
</tr>
<tr>
<td>Bachelor of Science in Molecular Biotechnology</td>
<td>5</td>
<td>A</td>
</tr>
</tbody>
</table>

Teaching languages

English

Keywords

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

Having the ability to understand and critically evaluate processes and strategies in biotech, food & environmental industry. Being 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, excursion, lecture, self-reliant study activities, lecture: plenary exercises.

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 background documents provided by the lecturer and the visited companies.

(Approved)
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 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.