



Company Visits and Scientific Seminars (O000120)

Wegens Covid19 kan mogelijk afgeweken worden van de onderwijs- en evaluatievormen. Dergelijke afwijkingen zullen via Ufora worden gecommuniceerd.

Cursusomvang (nominale waarden; effectieve waarden kunnen verschillen per opleiding)
Studiepunten 10.0 Studietijd 250 u Contacturen 30.0 u

Aanbodsessies en werkvormen in academiejaar 2020-2021

A (jaar)	Engels	Incheon	project	3.0 u
			microteaching	0.25 u
			groepswork	2.75 u
			hoorcollege	16.0 u
			excursie	18.0 u

Lesgevers in academiejaar 2020-2021

Dunne, Michael KR01 Verantwoordelijk lesgever

Aangeboden in onderstaande opleidingen in 2020-2021

	stptn	aanbodsessie
Bachelor of Science in Environmental Technology	10	A
Bachelor of Science in Food Technology	10	A
Bachelor of Science in Molecular Biotechnology	10	A

Onderwijstalen

Engels

Trefwoorden

company visits; excursions; seminars, case studies and group discussion; applications of food technology, environmental technology, and molecular biotechnology; South Korea; triple helix connections between academia (research/knowledge), government (policy), and industry (business); experiential learning; career development; reflective writing.

Situering

The goals of the course are to give an overview of the applications of food technology, environmental technology, and molecular biotechnology within the Korean industrial landscape; to review a selection of invited seminars in each of these domains; and to synthesise connections across all domains, with respect to interactions between academia, government, and industry. Students are encouraged to 'think outside of the building' and are asked: to reflect on themes of interest in each domain; to reflect on their own career interests in academia/policy/industry; and to develop their perspective on work and their personal interest.

Inhoud

Company Visits

- Company visits are organized, that expose students to applications in each domain: Food Technology, Environmental Technology. and Molecular Biotechnology. *Company visits are normally excursions to the site of the company, but due to limitations/restrictions, these may have to be replaced by a guest speaker and/or case study.*
- Visits are arranged to organizations of various sizes, and scale. These organizations may focus on: product sales/development; policy; or be service orientated etc.
- Often the overview provided at each company is quite broad - but students are expected to engage with the staff and ask deeper questions; to expand their understanding by learning to observe critically; and also to add to their experience by additional research and group discussion.

Seminars

- Seminars are organised both internally and externally, to introduce students to specific topics within each domain: Food Technology, Environmental Technology.

and Molecular Biotechnology.

- Often the focus of the seminar can be quite specialised - but students are still expected to engage with the guest speaker, and to look for connections with their own experience, as well as connections with other research, or policy, or industry.

Experiential Learning and Reflection

- Guidance is offered throughout the year by the lecturer on how to improve and deepen interactions with internal/external guests, as well as how to develop critical insights and opinions on the various themes explored in the course.
- Furthermore, students develop their own opinions and ideas by engaging with group discussions and tasks such as group company reports, presentations, research paper, and final report publication.

Begincompetenties

Basic understanding of Food Technology, Environmental Technology and Molecular Biotechnology is required in order for students to be able to fully comprehend the seminars and gain a suitable perspective from the company visits. As this course builds on previous courses, ideally, a student should have attended all courses in 1st and 2nd year of the joint programme. Ideally, students should be in their penultimate year of study, and ready to progress to their final year and the BSc research project.

Eindcompetenties

- 1 The student is aware of various applications Food Technology, Environmental Technology and Molecular Biotechnology in the Korean landscape, and can comment on the industries exemplified in the course.
- 2 Able to assess basic scientific concepts presented in the various fields covered by the seminar sessions
- 3 Able to synthesise knowledge and ideas across the domains and comment specifically on connections between academia, government and industry in general.
- 4 Able to compile in writing both knowledge and reflections encountered during the company visits and seminars and adopt a positive attitude towards independent and life-long learning.
- 5 Show social and communicative competencies in an international multicultural context and communicate appropriately with external (business) partners.

Creditcontractvoorwaarde

Toelating tot dit opleidingsonderdeel via creditcontract is mogelijk mits gunstige beoordeling van de competenties

Examencontractvoorwaarde

Dit opleidingsonderdeel kan niet via examencontract gevolgd worden

Didactische werkvormen

Excursie, groepswork, hoorcollege, microteaching, project

Leermateriaal

Presentation slides (and annex material) is provided by the guest speaker, and the companies visited. The lecture will also produce handouts, all of which is available via Ufora.

Referenties

Vakinhoudelijke studiebegeleiding

Info-sessions and workshops are scheduled. Office Hours are available for individual or group counselling; also interactive counselling through video-conferencing (e.g. Zoom).

Evaluatiemomenten

periodegebonden en niet-periodegebonden evaluatie

Evaluatievormen bij periodegebonden evaluatie in de eerste examenperiode

Portfolio

Evaluatievormen bij periodegebonden evaluatie in de tweede examenperiode

Portfolio

Evaluatievormen bij niet-periodegebonden evaluatie

Mondeling examen, participatie, werkstuk

Tweede examenkans in geval van niet-periodegebonden evaluatie

Examen in de tweede examenperiode is enkel mogelijk in gewijzigde vorm

Toelichtingen bij de evaluatievormen

PARTICIPATION

- Basic attendance at the company visits and seminars is obligatory. Dates and times will be published in Ufora. Students are required to justify any absences and will be required to make up for the missed visit/seminar by catching-up from peer group or by way of a compensating activity: e.g. attendance at a comparable company/seminar or alternative study of a comparable company/seminar.
- Participation requires that students attend on-time, are prepared, and actively engage in the session by way of discussion or asking questions etc.

CONTINUOUS ASSESSMENT - 40%

Assignments (Company Visit Reports)

- After each company visit the group must meet together to discuss the visit and share their experiences. A written report is then co-written by the group and submitted by a specified Task Leader for that report. The Task Leader rotates for each assignment.
- The report is scored out of 5 points. The total will equal 40% of the course.

Oral Exam-Presentation (Replacement Activity for up to one Company Visit Report)

- Each group will nominate one company visit during the course, where they replace the written report with a group presentation. All group members must participate, and the presentation is presented live to the class on a specific date or uploaded as a video presentation online (microteaching). Details will be shared via Ufora.
- The presentation is scored out of 5 points and is included in the calculation of the Company Visit Reports.

END-OF-TERM EVALUATION - 60%

Portfolio (Research Paper and Final Report Publication)

- In groups students plan a research paper which discusses a 'theme' which is connected with some of the seminars from the course. It is also common that the theme is experienced in the company visits and should be of personal interest to the students.
- In Part A of the paper the theme is introduced and a rationale is given for its selection. An overview is also given of the plan of the paper.
- In Part B the theme is examined in detail and should directly highlight connections to academia (research), government (policy), and industry (business).
- Part A is submitted at the beginning of the 2nd semester, to allow students an opportunity to discuss their work and get feedback.
- The final product is submitted during the examination period, and includes the Final Report of the course including: all Company Visit Reports; details of the presentation (if applicable); a list of the seminars attended; Part A and Part B of the Research Paper; and an individual critical reflection.
- A score is calculated for the Research Paper and also the Final Report Publication. The total will equal 60% of the course.

SECOND EXAMINATION PERIOD (Re-sit/Resubmission)

It is possible to submit/re-submit the Portfolio in the second examination period. This is still worth 60%. This score is added to the Continuous Assessment score received during the course in order to calculate the final score.

If failure of the first examination period is due to a combination of failing both the Continuous Assessment (Company Visit Reports and Presentation), as well as the Portfolio, then in the second examination period, the Portfolio submission must include re-written and re-edited Company Visit Reports alongside the Research Paper and the total Final Report Publication will then be evaluated out of 20 to calculate the final score.

Eindscoreberekening

PARTICIPATION

- Students are required to justify any absences and will be required to make up for the missed visit/seminar by catching-up from peer group or by way of a compensating activity: e.g. attendance at a comparable company/seminar or alternative study of a comparable company/seminar.
- Two or more unjustified absences for a company visit or seminar gives rise to a total maximum score of 9/20, irrespective of any assignment or portfolio scores.
- Unjustified absences are visit/seminar dates which a student has missed and for which a compensating activity did not take place.

GROUP WORK and DEADLINES

- If there is clearly a different input from different group members, then the final mark per student belonging to the same group can still differ.
- The deadlines for the assignments must be respected. If not, a mark can be deducted from the total.

FINAL SCORE

- The Continuous Assessment equals 40% and End-of-Term Evaluation equals 60%

Faciliteiten voor werkstudenten

Possible exemption from attendance with an alternative assignment after consultation with the lecturer-in-charge.
Possibility to make an appointment for feedback during and after office hours.