

Environmental Economics and Management (F710292)

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	<i>(nominal values; actual values may depend on programme)</i>		
Credits 3.0	Study time 90 h	Contact hrs	30.0 h

Course offerings and teaching methods in academic year 2020-2021

A (semester 1)	English	Gent	lecture	15.0 h
			fieldwork	5.0 h
			microteaching	5.0 h
			guided self-study	5.0 h
			online lecture	0.0 h

Lecturers in academic year 2020-2021

Van Ootegem, Luc	EB21	lecturer-in-charge
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Offered in the following programmes in 2020-2021

	crdts	offering
Bachelor of Science in Business Administration	3	A
Exchange programme in Economics and Business Administration	3	A

Teaching languages

English

Keywords

economics and environment - business - environmental management accounting

Position of the course

The course aims to familiarize students with the interplay between economics (and economic development) and environmental issues. The theoretical objective is to give an in-depth introduction to the principles of environmental and ecological economics. The more practical objective is that students get acquainted with basic concepts related to environmental management and more specifically with environmental management accounting.

Contents

This course has three parts.

- First, we provide a general introduction about environmental and ecological economics (market failure, externalities, government intervention,...).
- Secondly, and more specifically related to the interplay between business economics and the environment, we elaborate on the concept of environmental management accounting.
- Thirdly, students have to examine and present specific case studies about environmental management accounting in a business in Flanders.

Initial competences

Certain competencies of introductory courses in Economics (micro and macro).

Final competences

- 1 Gain knowledge and insight in the interplay between economics and the environment
- 2 Apply a cost-benefit analysis to the environmentally related decisions of a company
- 3 Be able to differentiate between internal (private) and external (societal) costs related to environmental issues
- 4 Develop a critical attitude towards the difference between the interests of the firm and the common good when the economic aspects of environmental issues are

investigated

- 5 Collect relevant information in order to make a judgement about environmental and societal issues

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, lecture, microteaching, fieldwork, online lecture

Extra information on the teaching methods

First, general lectures about environmental economics. Secondly, a reading list and a take-home assignment about papers and topics in environmental management accounting. Thirdly, the students will give a presentation of a case study on the practical applications of environmental management accounting in a Flemish firm.

Learning materials and price

Selected chapters of a basic "handbook on environmental and ecological economics". Selected (policy oriented and theoretical) papers about environmental management accounting.

Price : printing and making copies : about 10 euro.

References

Course content-related study coaching

Questions and discussions during and after the general lectures. Individual coaching (or by mail) about the cases in management accounting.

Evaluation methods

continuous assessment

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

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

Examination methods in case of permanent evaluation

Written examination, participation, 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

Written examination about the general lectures on environmental economics. Take-home assignment (open book examination) about topics in environmental management accounting. Presentation of a case study about environmental management accounting in a Flemish industry or firm (participation, assignment, peer assessment of the group when necessary).

Second term: the take-home assignment and presentation of the case study are replaced by an individual assignment. The student has to work on this assignment without supervision. For the parts passed in the first period, the points are used for the second term. The student does not have to retake this part.

Calculation of the examination mark

exam environmental economics (5) + open book assignment EMA (5) + PPP EMA in a company (10)