



SUBJECT DATASHEET

Environmental Management

BMEGT42A010

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name

Environmental Management

ID (subject code)

BMEGT42A010

Type of subject

contact unit

Course types and lessons

<i>Type</i>	<i>Lessons</i>
Lecture	2
Practice	0
Laboratory	0

Type of assessment

mid-term
grade

Number of credits

2

Subject Coordinator

<i>Name</i>	<i>Position</i>	<i>Contact details</i>
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Educational organisational unit for the subject

Department of Environmental Economics and Sustainability

Subject website

<https://edu.gtk.bme.hu>

Language of the subject

magyar - HU

Curricular role of the subject, recommended number of terms

Direct prerequisites

Strong None

Weak None

Parallel None

Exclusion None

Validity of the Subject Description

Approved by the Faculty Board of Faculty of Economic and Social Sciences, Decree No: 580439/11/2024 registration number. Valid from: 29.05.2024.

2. OBJECTIVES AND LEARNING OUTCOMES

Objectives

The objective of the course is to acquaint students with the basics of environmental management, its global, international and domestic trends, the corporate challenges and main research areas of environmental management, the methods used and the most important areas.

Academic results

Knowledge

1. The student knows the types of environmental risks and the corporate strategies based on them;
2. knows the different trends that can be incorporated into the environmental management of companies, their advantages and disadvantages, and their comparison with each other;
3. is aware of the role of environmental performance assessment, knows the characteristics of the ISO14001 and EMAS regulations;
4. in addition, knows the corporate benefits related to eco-marketing and social responsibility.

Skills

1. The student is able to recognize connections in issues related to corporate environmental management;
2. to use critical thinking about information related to corporate environmental management;
3. to recognize, understand and answer questions related to corporate environmental management;
4. to learn the holistic approach and to map multidisciplinary relationships, to justify points related to other sciences;
5. as well as being able to interpret the above in a comprehensible manner, to a non-professional audience.

Attitude

1. The student cooperates with the instructor and fellow students during the expansion of knowledge;
2. expands their knowledge through continuous knowledge acquisition, using multimedia tools and resources.

Independence and responsibility

1. The student solves problems related to environmental management independently;
2. accepts well-founded critical comments with an open mind;
3. in some situations - as part of a team - cooperates with fellow students in solving tasks;
4. uses a systemic approach in their thinking.

Teaching methodology

Lectures, problem solving, written and oral communication, use of IT tools and techniques, optional independent tasks, planning.

Materials supporting learning

- Szerk: Kósi Kálmán - Valkó László: Környezetmenedzsment. (Tankönyv; BME - Typotex Kiadó, Buda-pest, 2006.). ISBN 963-9664-07-3
- Csutora Mária – Kerekes Sándor: A környezetbarát vállalatirányítás eszközei. KJK Kerszöv, 2004.
- Journal of Cleaner Production
- Sustainable Development
- Sustainability

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

The evaluation of the learning results stated in point 2.2 is based on 2 summative assessments (mid-term exams).

Performance assessment methods

Detailed description of performance evaluations during the study period: Summative assessment (mid-term exam): a complex, written evaluation of the knowledge and ability-type competence elements of the subject during the semester in the form of two mid-term exams.

The mid-term exams consist of a short conceptual part and a more complex, explanatory, problem-solving part, the time available for solving them is approx. 25-30 minutes.

Percentage of performance assessments, conducted during the study period, within the rating

- 1st summative assessment: 50
- 2nd summative assessment: 50
- total: 100

Percentage of exam elements within the rating

Conditions for obtaining a signature, validity of the signature

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Issuing grades

Excellent	91
Very good	85–90
Good	75–84
Satisfactory	65–74
Pass	50–64
Fail	0–49

Retake and late completion

1) Pursuant to the current CoS, each summative assessment can be retaken, repeated or completed late. 2) The summative assessments can be retaken, repeated or completed late for the first time during the late completion period free of charge. In the event of a correction,

the new result always overwrites the old one. 3) If the student is unable to obtain a grade other than 'Fail' even with the retake, repeat and late completion possibilities according to point 1), they may make a second attempt to successfully complete the course after paying the fee specified in the regulations.

Coursework required for the completion of the subject

participation in contact lessons	28
preparation for contact lessons	16
preparation for assessments	8
autonomous learning	8
Total	60

Approval and validity of subject requirements

Consulted with the Faculty Student Representative Committee, approved by the Vice Dean for Education, valid from: 06.05.2024.

III. COURSE CURRICULUM

THEMATIC UNITS AND FURTHER DETAILS

Topics covered during the term

In order to achieve the learning outcomes set out at point 2.2, the subject consists of the following thematic blocks. In the syllabi of the courses announced in each semester, these topics are scheduled according to the calendar and other conditions.

- 1 Introduction to environmental management
- 2 Environmental trends and the economic framework - 1.
- 3 Environmental trends and the economic framework - 2.
- 4 Environmental risks
- 5 Trends in corporate environmental protection
- 6 Corporate environmental strategies
- 7 Environmental management systems
- 8 Environmental performance assessment and indicators
- 9 Environmental marketing
- 10 Corporate social responsibility
- 11 Environmental conflicts and their management
- 12 Environmental accounting and finance

Additional lecturers

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