



SUBJECT DATASHEET

Environmental Management

BMEGT42M700

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name

Environmental Management

ID (subject code)

BMEGT42M700

Type of subject

contact unit

Course types and lessons

<i>Type</i>	<i>Lessons</i>
Lecture	1
Practice	0
Laboratory	0

Type of assessment

exam grade

Number of credits

3

Subject Coordinator

<i>Name</i>	<i>Position</i>	<i>Contact details</i>
Dr. Csuvár Ádám	senior lecturer	csuvar.adam@gtk.bme.hu

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

Programme: **Master of Business Administration MSc from 2019/20 Term 1**
Subject Role: **Compulsory**
Recommended semester: **3**

Direct prerequisites

<i>Strong</i>	None
<i>Weak</i>	None
<i>Parallel</i>	None
<i>Exclusion</i>	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

Upon successful completion of the course, participants will: The basic objective of the course is to teach students about the role of environmental protection and sustainable development in company management: the most important environmental issues, the motivations behind and the factors determining the behaviour of the companies and the tools available to them. Students should be able to recognise and utilise the potentials of environmental protection within a business setting, to reduce environmental risks and to be able to define the role of environmental protection in the operations of the company taking other corporate management systems also into account. Students should be able to assess the environmental performance of a company and to choose and employ the right environmental management tools to improve it.

Academic results

Knowledge

1. Knows the most important factors determining the company's environmental strategy; the possible types of strategies;
2. is aware of the importance of corporate environmental risks and their impact on environmental management;
3. knows the most important environmental protection trends (methods) used by companies, their advantages and disadvantages;
4. knows and can apply the various tools of corporate environmental management (environmental marketing, environmental performance evaluation) based on practical examples;
5. knows the basic principles, operating mechanism and building blocks of environmental management systems (EMS);
6. knows the process of introducing environmental management systems (EMS), its individual steps, and the related tasks of participants;
7. knows the natural-environmental areas and trends on which the company's operations have an impact;
8. knows the stakeholders and possible actors of environmental conflicts and understands the possible causes of confrontations;
9. has basic knowledge in resolving environmental conflicts;
10. knows the logic of state environmental regulation and its possible effects on the corporate sector;
11. is aware of the environmental economics bases and tools used in environmental management.

Skills

1. Able to assess the environmental performance of company in a complex fashion;
2. recognises the basic features of environmental strategies, the factors determining strategy choice;
3. recognises the stakeholders of corporations and tasks related to them;
4. is able to see what natural and environmental areas the company has during its operation and how it has a negative impact;
5. is able to establish the steps for implementing environmental management systems (EMS) and the human resource requirements necessary for deployment at a principle level in relation to a company;
6. is able to recognize which corporate environmental protection trend can be linked to its industrial nature and industrial activity causing environmental problems;
7. is able to interpret and apply corporate environmental protection trends as part of the corporate environmental protection strategy;
8. is able to articulate what kind of environmental regulation philosophy prevails at the policy level and what consequences this has for companies.

Attitude

1. Open to a deeper understanding of company operations, its environmental aspects;
2. strives to solve problems by cooperation with others;
3. is critical about the role of social groups effected by environmental and social problems;
4. strives to understand complex systems.
5. the student is sensitive to the environmental context of emerging company problems;
6. is independently capable of searching for corporate sustainability reports and related corporate documents and using them intelligently, with a critical approach.

Independence and responsibility

1. Able to independently assess corporate environmental performance;
2. show responsible thinking towards environmental and social issues in a company setting;
3. open to critical thinking;
4. cooperates with fellow students to solve problems;

Teaching methodology

Theoretical lectures and practicals. Group work during and beyond classes. Info-communications tools, corporate and other professional study materials.

Materials supporting learning

- Giselle Weybrecht: The Sustainable MBA: A Business Guide to Sustainability, John Wiley & Sons Inc., ISBN13 9781118760635

- Ed: Kósi Kálmán - Valkó László: Környezetmenedzsment. (Tankönyv; BME - Typotex Kiadó, Budapest, 2008.). ISBN 963-9664-07-3
- Csutora Mária – Kerekes Sándor: A környezetbarát vállalatirányítás eszközei (KJK-KERSZÖV Jogi és Üzleti Kiadó Kft., Budapest, 2004. ISBN 963 224 742 6)

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

Evaluation of the learning outcomes set out in point 2.2 is through an exam during the exam period.

Performance assessment methods

Detailed description of the performance evaluations carried out during the exam period: a complex, written evaluation method of the knowledge and ability-type competence elements of the subject in the form of an exam paper. The exam focuses on the assessment of the acquired knowledge and its application, so in addition to the precise knowledge of concepts, it focuses on problem recognition and solutions. The instructor determines the exact method and framework of the exam.

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

Percentage of exam elements within the rating

- Written exam: 100
- total: 100

Conditions for obtaining a signature, validity of the signature

Participation in the lecture is condition for obtaining the signature. The student's participation is documented as agreed with the instructor. The obtained signature is valid for the period specified in the CoS.

Issuing grades

Excellent	90
Very good	80–89
Good	70–79
Satisfactory	60–69
Pass	50–59
Fail	0–49

Retake and late completion

Retake, repeat and late completion options are available pursuant the current CoS. Retake, repeat and late completion of exams is possible according to paragraphs 121 and 123 of the CoS.

Coursework required for the completion of the subject

participation in contact lessons	16
preparation for contact lessons	14
autonomous learning	30
preparation for the written exam	30
total	90

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 Bevezetés: fenntarthatóság a vállalati szférában, stratégia és környezetvédelem
- 2 Környezeti stratégia és irányzatok, körforgásos gazdaság
- 3 Környezeti teljesítményértékelés, környezeti irányítási rendszerek
- 4 Környezeti kommunikáció, öko-marketing
- 5 Környezeti konfliktusok

Additional lecturers

Approval and validity of subject requirements