



SUBJECT DATASHEET

**ESG workshop – Climate change, climate adaptation and mitigation
in practice**

BMEGT42RRR5016-00

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name

ESG workshop – Climate change, climate adaptation and mitigation in practice

ID (subject code)

BMEGT42RRR5016-00

Type of subject

contact unit

Course types and lessons

<i>Type</i>	<i>Lessons</i>
Lecture	0
Practice	9
Laboratory	0

Type of assessment

mid-term
grade

Number of credits

3

Subject Coordinator

<i>Name</i>	<i>Position</i>	<i>Contact details</i>
Dr. Buzási Attila	associate professor	buzasi.attila@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: „ESG consultant

Subject Role: **Compulsory elective**

Recommended semester: **2**

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: 581015/11/2025 registration number. Valid from: 2025.11.26.

2. OBJECTIVES AND LEARNING OUTCOMES

Objectives

The aim of the course is to introduce various aspects of climate change-related mitigation and adaptation through a thematic workshop.

Academic results

Knowledge

1. The student knows the basics of climate change mitigation and adaptation.
2. Knows the theoretical basis of carbon footprint calculation.

Skills

1. The student is able to perform climate risk analysis.
2. Able to calculate carbon footprint.
3. Able to plan mitigation and adaptation measures.

Attitude

1. The student is able to understand the economic and social impacts of climate change through systems thinking.
2. Has a sense of responsibility to continuously improve the company's climate performance.
3. Has an action-oriented approach.

Independence and responsibility

1. The student is able to independently interpret the company's carbon footprint.
2. Has responsibility for the implementation of all related management tasks.

Teaching methodology

Practice – full-day workshop

Materials supporting learning

- Elméleti bevezető diások / Ppt slideshow about principles

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

The learning objectives detailed in 2.2 will be assessed by means of a summative assessment (one Moodle test).

Performance assessment methods

Detailed description of performance evaluations during the study period: Summative assessment (Moodle test): a complex, written evaluation

of the knowledge and ability-type competence elements of the subject during or after the workshop in the form of a Moodle test. The part of the curriculum serving as the basis for the Moodle test as well as the timeframe of filling out the test will be determined by the subject instructor.

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

- Summative assessment: 100
- Total: 100

Percentage of exam elements within the rating

Conditions for obtaining a signature, validity of the signature

-

Issuing grades

Excellent	91
Very good	85-90
Good	72-84
Satisfactory	65-71
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 retake, 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

Attendance	9
Processing background materials and participation in summative assessment	20
Learning individually	20
Preparing for final exam	41
Total	90

Approval and validity of subject requirements

Consulted with the Faculty Student Representative Committee, approved by the Vice Dean for Education, valid from: 10.11.2025.

III. COURSE CURRICULUM

THEMATIC UNITS AND FURTHER DETAILS

Topics covered during the term

Subject includes the topics detailed in the course syllabus to ensure learning outcomes listed under 2.2. can be achieved.

- 1 Climate change, climate adaptation and mitigation in practice. Carbon footprint calculation – practical workshop

Additional lecturers

- -

Approval and validity of subject requirements