SUBJECT DATASHEET

ESG workshop - Artificial intelligence for ESG compliance

BMEGT42RRR5021-00

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name
ESG workshop - Artificial intelligence for ESG compliance

ID (subject code)   BMEGT42RRR5021-00

Type of subject
contact unit

Course types and lessons

Type	Lessons
Lecture	0
Practice	9
Laboratory	0

Type of assessment
obtaining signature

Number of credits
3

Subject Coordinator

Name	Position	Contact details
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: 580387/26/2025 registration number. Valid from: 2025.05.28.

2. OBJECTIVES AND LEARNING OUTCOMES

Objectives

The aim of the course is to introduce various aspects of using artificial intelligence through a thematic workshop.

Academic results

Knowledge

1. Knows the basics of ESG compliance and the role of AI in ESG
2. Knows the types of data that can be managed with AI
3. Knows the applications of AI in ESG compliance
4. Knows the ethical and legal issues of using AI

Skills

1. Able to identify AI opportunities in a given ESG compliance process
2. Able to identify automation opportunities in ESG reporting processes
3. Able to understand basic AI models

Attitude

1. Uses AI responsibly
2. Able to consciously manage risk through AI errors and biases
3. Applies systems thinking, understands that the use of AI can also provide competitive advantage in ESG

Independence and responsibility

1. Able to independently identify areas where AI should be used for ESG compliance
2. Able to independently interpret the risks of AI use
3. Responsible for the implementation of all related management tasks.

Teaching methodology

Practice – full-day workshop

Materials supporting learning

- Elméleti bevezető diasorok (esettanulmányok, ajánlott irodalom)
- Ppt slideshow about principles (case studies, optional readings)

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules
The learning objectives detailed in 2.2 will be assessed by means of active participation in the workshop.

Performance assessment methods
Checking active participation in the workshop by means of an attendance sheet.

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

Percentage of exam elements within the rating

Conditions for obtaining a signature, validity of the signature
Active participation in the workshop. Signing the attendance sheet

Issuing grades

Excellent	0
Very good	0
Good	0
Satisfactory	0
Pass	0
Fail	0

Retake and late completion
As the condition for obtaining a signature is active participation in the workshop, repeat, retake, and late completion are not po

Coursework required for the completion of the subject

Workshop részvétel	9
Processing background materials	20
Learning individually	20
Záróvizsgára való felkészülés	41

Approval and validity of subject requirements
Consulted with the Faculty Student Representative Committee, approved by the Vice Dean for Education, valid from: 05.05.2024.

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 Artificial intelligence for ESG compliance – practical workshop

Additional lecturers

Approval and validity of subject requirements