SUBJECT DATASHEET

BME INTERNATIONAL CLIMATE CHANGE ROLE-PLAY

BMEGT42V101

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name
BME INTERNATIONAL CLIMATE CHANGE ROLE-PLAY

ID (subject code) BMEGT42V101

Type of subject
contact unit

Course types and lessons

Type	*Lessons*
Lecture	0
Practice	3
Laboratory	0

Type of assessment
mid-term grade

Number of credits
3

Subject Coordinator

Name	*Position*	*Contact details*
Dr. Zilahy Gyula	professor	zilahy.gyula@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
angol - ENG

Curricular role of the subject, recommended number of terms
Programme: **Elective subjects**
Subject Role: **Elective**
Recommended semester: **0**

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Subject Role: **Elective**
Recommended semester: **0**

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: 580005/7/2022. Valid from: 26.01.2022.

2. OBJECTIVES AND LEARNING OUTCOMES

Objectives

Upon successful completion of the course, participants will: 1. With the help of the roleplay students gain an understanding of the logic of international climate negotiation processes. They will understand the most important factors determining them as well as the various interests behind the negotiations and learn about the aspects determining the success or failure of international negotiations. 2. Learn the position and behaviour if the different stakehlders of climate negoations including governments, businesses, the civil society, scientific/innovation experts and the general population. 3. Learn the complexity of climate change as a problem and understand the significance of the integration of technological, environmental and economic fields during the identification and implementation of potential solutions.

Academic results

Knowledge

1. Understands the economic, social and environmental aspects of climate change, their interrelationships
2. Understands the available GHG mitigation options
3. Understands the limitations and potentials of adaptation to climate change
4. Understands the responsibility and role of businesses, governments and consumers regarding climate change
5. Understands the economic and social implications of potential technological solutions
6. Understands the climate strategy of certain countries

Skills

1. Able to participate in a professional debate regarding the potential solutions to climate change and their conditions
2. Able to formulate the interests of a country or country group during international climate change negoti-ations
3. Able to participate in a complex negotiation process and contribute to a successful agreement

Attitude

1. Open to novel information technology and business solutions
2. Sensitive to social and environmental issues
3. Collects information regarding novel solutions and is able to critically assess them
4. Open to the use of information technology tools
5. Strives to take environmental and social aspects into account when making decisions

Independence and responsibility

1. Perceives the environmental and social responsibility of business leaders
2. Recognises those technological and organisational solutions, which provide economic, environmental and social benefits at the same time; is able to assess the limitations of different solutions
3. Is able to distinguish between private and social aspects and can harmonise them

Teaching methodology

Interactive lectures, guest speakers, roleplay

Materials supporting learning

- Az IPCC legújabb, a klímaváltozással kapcsolatos összefoglaló tanulmányai - The most recent summary reports of IPCC
- A UNFCCC-vel kapcsolatban megjelent értékelések - Assessments of the UNFCCC process
- Egyes országok klímastratégiája - Climate strategies of individual countries

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

The evaluation of learning outcomes defined under section 2.2 will be based on a test during the semester, an assignment to be prepared in teams of 3 students and a short report based on the participation in the roleplay (reflection paper).

Performance assessment methods

A. Student evaluation during the semester 1. complex assessment of knowledge and skills through written test during the semester before the roleplay – 45 minutes. 2. Partial as-sessment of knowledge, skills, attitude, self-reliance and responsibility of students through an assignment to be prepared in teams regarding the climate strategy of selected countries. Essay of 15-20 pages to be submitted
before the roleplay.

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

- **summative assessment**: 40%
- **team essay**: 40%
- **individual essay**: 20%
- **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	90–100
Very good	80–89
Good	70–79
Satisfactory	60–69
Pass	50–59
Fail	0–49

Retake and late completion

1) the summative assessment to be written during the semester can be retaken at the end of the term. 2) partial assessment (essay) can be amended once during the term, but can not be substituted.

Coursework required for the completion of the subject

contact classes: preparatory lectures	3*3=9
contact classes: roleplay (2 days)	2*10=20
preparation of team assingment	25
preparation for the roleplay and summative assessment	30
individual essay (reflection paper)	6
total	90

Approval and validity of subject requirements

Consulted with the Faculty Student Representative Committee, approved by the Vice Dean for Education, valid from: 10.01.2022.

III. COURSE CURRICULUM

THEMATIC UNITS AND FURTHER DETAILS

Topics covered during the term

To be able to complete the course and the learning outcomes listed in Section 2.2, the course consists of the following thematic u

1 Climate change: international aspects and their social, economic and technological interrelationships
2 Mitigation of Greenhouse Gases; adaptation to Climate Change; the financial aspects of the fight against Climate Change
3 The history and underlying mechanisms of international climate change negotiations
4 The state of the art of international climate change negotations
5 Features of international agreements, negotiation techniques
6 The strategic position of specific countries and country groups, their political and economic drives

Additional lecturers

Dr. Buzási Attila egyetemi docens buzasi.attila@gtk.bme.hu

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