



SUBJECT DATASHEET

International Practice of Environmental Management

BMEGT42A017

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name

International Practice of Environmental Management

ID (subject code)

BMEGT42A017

Type of subject

contact unit

Course types and lessons

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

Type of assessment

exam grade

Number of credits

3

Subject Coordinator

<i>Name</i>	<i>Position</i>	<i>Contact details</i>
Csigéné Dr. Nagypál Noémi Éva	senior lecturer	csigene.noemi@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: **BSc in Environmental Engineering**
Subject Role: **Compulsory for the specialisation**
Recommended semester: **5**

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: 580251/13/2023 registration number. Valid from: 29.03.2023.

2. OBJECTIVES AND LEARNING OUTCOMES

Objectives

The aim of the course is to provide knowledge to students about the complexity and locality, regionality and globality of environmental problems. To show the main cornerstones of international environmental cooperation. To present the role and history, main elements and changing set of tools as well as present practices and principles of the environmental policy of the European Union.

Academic results

Knowledge

1. Students will understand the principles and processes of international environmental cooperations and the environmental policy of the European Union.

Skills

1. They will be able to analyse, evaluate policy changes and their relevance to global sustainability goals and to member state attempts.

Attitude

1. The student cooperates with the instructor and fellow students in expanding knowledge;
2. expands their knowledge through continuous knowledge acquisition, monitors the evolution of environmental and regional policy;
3. through their environmental and regional political knowledge, they pay attention to wider social, sectoral, regional, national and European values in their work (including social, social and ecological, sustainability aspects).
4. They strive to understand complex systems.
5. openly accepts well-founded critical comments,
6. and uses the systematic approach in his thinking.
7. Their knowledge of the EU's regional and environmental policy contributes to showing initiative and responsible behavior in related social and public affairs.

Independence and responsibility

1. The student independently evaluates projects,

Teaching methodology

Lectures, discussions, application of IT tools and network.

Materials supporting learning

- Dr. Láng István: A környezetvédelem nemzetközi körképe. Mezőgazdasági Kiadó, 1980.
- Feladatok a XXI. századra – Az ENSZ Környezet és Fejlődés Világkonferencia dokumentumai. Föld Napja Alapítvány, Budapest 1993.
- Pelle Anita: Az Európai Unió környezetpolitikája. Fókuszban az Európai Unió (Sorozatszerkesztő: Farkas Beáta). JATE Press, Szeged 2008.
- Az EU VII. Környezetvédelmi Cselekvési Programja (2013-2020). /"Jólét bolygónk felélése nélkül"/. Letölthető: ec.europa.eu/environment/newprg/index.htm

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

The evaluation of the learning outcomes stated in point 2.2.: summative assessment of the competences acquired during the semester (2 mid-term exams);

Performance assessment methods

Summative evaluation of learning outcomes (summative assessment): a complex, written evaluation method of the subject and knowledge and ability-type competency elements in the form of a mid-term exam. The test focuses on the assessment of the acquired knowledge and its application, thus focusing on problem recognition and solution. The course material on which the evaluation is based is determined by the lecturer of the subject.

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

- exam: 100

Conditions for obtaining a signature, validity of the signature

Obtaining a signature is a condition for admission to the exam. The condition for obtaining the signature is that the mid-term exams have been successfully (at at least 50%) completed individually during the instruction period.

Issuing grades

Excellent	90
Very good	85–89
Good	73–84
Satisfactory	65–72
Pass	50–64
Fail	0-49

Retake and late completion

1) The two summative assessments can be retaken. 2) The summative assessments can be retaken or corrected for the first time during the replacement 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 replacement according to point 1), he/she may make a second attempt to successfully complete the course by paying the fee specified in the regulations.

Coursework required for the completion of the subject

Participating in contact lessons	28
Preparing for contact lessons	10
Preparing for summative assessments	20
Independent studying	10
Preparing for exam	22
total	90

Approval and validity of subject requirements

III. COURSE CURRICULUM

THEMATIC UNITS AND FURTHER DETAILS

Topics covered during the term

In order to achieve the learning outcomes set out in 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 Topic introduction: Basic elements of the approach to the examination of contemporary environmental problems: complexity and globality. The essence of small-regional environmental crisis management, global economic-ecological connections
- 2 Frameworks for international environmental co-thinking and action: cooperation within the UN. The First UN World Conference on Environmental Protection (1972. Stockholm). The Club of Rome and W. Leontief's model for the global economic relations of environment and economy. The most important stages of the cooperation were in the 70s and 80s.
- 3 The activities of the UN World Committee on Environment and Development (Brundtland Committee). The strategy of sustainable development. The UN II. World Conference on Environmental Protection (1992. Rio de Janeiro). Rio documents I-II. Declaration - AGENDA 21.
- 4 Rio Documents III-V: Declaration of Principles on Forests, Convention on Biological Diversity, Global Framework Convention on Climate Change - Kyoto Protocol and its implementation mechanisms.
- 5 The so-called "Kyoto Process". UN initiatives: Paris – Katowice – Madrid – AGENDA 2030.
- 6 The results and fault lines of the cooperation
- 7 Current environmental policies (principles-goals, tools, trends...).
- 8 Chronology of the development of the European Union's environmental policy. The reactive phase of the community environmental policy /1957-1987/ - the Community I-III. Environmental Protection Action Program /1973-1986/.
- 9 The role of the Single European Document (1987) in the legitimacy of community environmental policy, environmental policy becoming proactive. The Community IV. Environmental Protection Action Program /1987-1992/. The EU's Fifth Environmental Protection Action Program /1993-2000/ - towards sustainability. Goals and means. The so-called management of "implementation deficit and surplus".
- 10 VI of the EU Strategic analysis of the Environmental Protection Action Program /2001-2010/ – goals, target areas, tools. The essence of the "integrative environmental protection" approach. VII of the EU and VIII. Environmental Protection Action Program (2013-2030) - key objectives focal points. Domestic harmonization of EU environmental legislation (narrow intersections - derogations).

Additional lecturers

Dr. Valkó László címzetes egyetemi tanár / honorary professor valko.laszlo@gtk.bme.hu

Ijjas Flóra, PhD egyetemi adjunktus / senior lecturer ijjas.flora@gtk.bme.hu

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