SUBJECT DATASHEET

Environmental Strategy

BMEGT42A018

I. SUBJECT DESCRIPTION

1. SUBJECT DATA

Subject name
Environmental Strategy

ID (subject code)	BMEGT42A018

Type of subject
contact unit

Course types and lessons

Type	*Lessons*
Lecture	0
Practice	2
Laboratory	0

Type of assessment
exam

Number of credits
3

Subject Coordinator

Name	*Position*	*Contact details*
Dr. Bartus Gábor	senior lecturer	bartus.gabor@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 general knowledge to the students about the domestic and international practice of environmental policy and strategic planning.

Academic results

Knowledge

1. Knows the main concepts of environmental policy and environmental strategies.
2. Knows the main interlinkages between strategies applied in environmental protection and dimensions of sustainability.
3. Knows the tools of strategic planning and their impacts on environment and society.
4. Knows the main principles of national and EU environmental policies.

Skills

1. Able to form own opinion in environmental policies and strategy issues.

Attitude

1. Cooperate by the lecturer and other students
2. Endeavors to understand the complex sytems
3. Endeavors to make its decisions taking into account technical, economic and social aspects

Independence and responsibility

1. Independently selects and applies the relevant problem-solving and analytical methods in solving the analyt-ical tasks belonging to his / her field
2. Feels responsible for achieving sustainable development
3. Feels responsible for taking greater account of environmental and social aspects

Teaching methodology

Lectures, team work

Materials supporting learning

- Lecture slides

II. SUBJECT REQUIREMENTS

TESTING AND ASSESSMENT OF LEARNING PERFORMANCE

General Rules

The two pillars of the evaluation of learning outcomes set out in point 2.2. are: 1. summative assessment of the competencies acquired during the semester (mid-term exams); 2. as well as a mandatorily prepared independent study.

Performance assessment methods

1. Summative evaluation of learning outcomes (summative assessment): a complex, written evaluation method of the subject and knowledge
and ability-type competence elements in the form of a mid-term exam. The test focuses on the assessment of the acquired knowledge and
its application, thus placing the problem recognition and solution in the center. The course material on which the evaluation is based is determined by the lecturer of the subject, the available working time is 50 minutes. 2. Partial assessment: Task to be submitted: a complex evaluation method of the subject's knowledge, ability, attitude, and independence and responsibility-type competence elements,
which takes the form of an individual or group study. The content, requirements, submission deadline and evaluation method of the study
are determined by the instructor.

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

- **1st summative assessment**: 30
- **2nd summative assessment**: 30
- **Mandatory study**: 40
- **total**: 100

Percentage of exam elements within the rating

Conditions for obtaining a signature, validity of the signature

-

Issuing grades

Excellent	90
Very good	85–89
Good	70–84
Satisfactory	55–69
Pass	40–54
Fail	0-39

Retake and late completion

1) Both of 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 unsatisfactory 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

Attending contact lessons	28
Preparing for contact lessons	12
Preparing for summative assessments	10
Preparing the mandatory study	30
Independent studying	10
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 Introduction to environmental strategies, circular economy, sustainability
2 Domestic situation of environmental protection
3 Environmental indicators I.
4 Environmental indicators II.
5 European Union knowledge, National Development Plan, European Union environmental policy
6 Environmental impact assessment
7 Environmental planning of sector plans: strategic environmental assessment
8 Strategic planning in environmental protection
9 Life cycle analysis
10 Environmental planning tools: SWOT analysis I.
11 Environmental planning tools: SWOT analysis II.
12 Climate protection, UNFCCC, Kyoto, Copenhagen, Paris

Additional lecturers

Kármán-Tamus Éva	PhD hallgató / PhD student	tamus.eva@gtk.bme.hu
Dr. Pálvölgyi Tamás	egyetemi docens / associate professor	palvolgyi.tamas@gtk.bme.hu

Approval and validity of subject requirements