State of the art wastewater treatment - BMEEOVKDT85

I. Subject Specification

1. Basic Data

1.1 Title

State of the art wastewater treatment

1.2 Code

BMEEOVKDT85

1.3 Type

Module with associated contact hours

1.4 Contact hours

Type	Hours/week / (days)	

1.5 Evaluation

Exam

1.6 Credits

3

1.7 Coordinator

name	Miklós Patziger
academic rank	Associate professor
email	patziger.miklos@emk.bme.hu

1.8 Department

Department of Sanitary and Environmental Engineering

1.9 Website

https://epito.bme.hu/BMEEOVKDT85
https://fiek2.mywire.org/course/view.php?id=2577

1.10 Language of instruction

hungarian and english

1.11 Curriculum requirements

Ph.D.

1.12 Prerequisites

1.13 Effective date

1 September 2022

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2. Objectives and learning outcomes

2.1 Objectives

Providing skills in state of the art wastewater treatment and water resources recovery

2.2 Learning outcomes

Upon successful completion of this subject, the student:

A. Knowledge

1. Wastewter treatment: design, operation, economics, reuse, energy questions

B. Skills

1. Wastewter treatment: design, operation, economics, reuse, energy questions

C. Attitudes

1. Tutorial

D. Autonomy and Responsibility

1. Elaborating individual topics

2.3 Methods

Lessons, individual projects, presentation

2.4 Course outline

Week	**Topics of lectures and/or exercise classes**
1.	Tutorials
2.	
3.	
4.	
5.	

6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	Presentation

The above programme is tentative and subject to changes due to calendar variations and other reasons specific to the actual semester. Consult the effective detailed course schedule of the course on the subject website.

2.5 Study materials

2.6 Other information

2.7 Consultation

This Subject Datasheet is valid for:

Inactive courses

II. Subject requirements

Assessment and evaluation of the learning outcomes

3.1 General rules

3.2 Assessment methods

Evaluation form	Abbreviation	Assessed learning outcomes

The dates of deadlines of assignments/homework can be found in the detailed course schedule on the subject's website.

3.3 Evaluation system

Abbreviation	Score
Sum	**100%**

3.4 Requirements and validity of signature

3.5 Grading system

Grade	Points (P)
excellent (5)	
good (4)	
satisfactory (3)	
passed (2)	
failed (1)	

3.6 Retake and repeat

3.7 Estimated workload

Activity	Hours/semester
Sum	

3.8 Effective date

1 September 2022

This Subject Datasheet is valid for:

Inactive courses