



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Pre-diploma laboratory [S2TOZ1>LP]

Course

Field of study

Circular System Technologies

Year/Semester

1/2

Area of study (specialization)

Material recycling and chemical recovery

Profile of study

general academic

Level of study

second-cycle

Course offered in

Polish

Form of study

full-time

Requirements

compulsory

Number of hours

Lecture

0

Laboratory classes

60

Other

0

Tutorials

0

Projects/seminars

0

Number of credit points

3,00

Coordinators

dr hab. inż. Katarzyna Materna prof. PP
katarzyna.materna@put.poznan.pl

Lecturers

Prerequisites

The student has basic knowledge of the first degree of studies in the field of circular system technologies. The student has the basic ability to use professional literature. The student has the basic ability to write specialized texts in accordance with the field of study. The student understands the need for further training and raising their professional and personal competences.

Course objective

Performing the initial part of research related to the master's thesis

Course-related learning outcomes

Knowledge:

Knowledge consistent with the topic of the master's thesis.

Skills:

The student is able to skillfully utilize professional literature, interpret and critically evaluate obtained information, and formulate conclusions based on it. [K_U15]

The student is able to think creatively, make appropriate use of sources, conduct critical analysis of

them, and formulate opinions based on the contained information. [K_U06]

The student is capable of independently planning and pursuing lifelong learning to enhance personal professional competencies. [K_U05]

Social competences:

The student is prepared to:

- understand the need for self-education and enhancing their professional competencies. [K_K03]
- be aware of personal responsibility arising from their professional role and the emergence of moral and ethical issues. [K_K01]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Verification of the work done by the thesis supervisor.

Programme content

The curriculum content includes conducting the initial phase of laboratory research related to the master's thesis.

Course topics

1. Preliminary review of the literature related to the subject of the MA thesis.
2. Performance of the initial part of the research / design work.

Teaching methods

Research work under the supervision of a supervisor, consultations with the thesis supervisor, own work.

Bibliography

Basic:

Indicated by the thesis supervisor

Additional:

Indicated by the thesis supervisor

Breakdown of average student's workload

	Hours	ECTS
Total workload	75	3,00
Classes requiring direct contact with the teacher	60	2,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	15	0,50