COURSE DESCRIPTION CARD - SYLLABUS

Course name
Diploma laboratory [S2TOZ1>PD1]

Course

Field of study
Circular System Technologies

Year/Semester
2/3

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
200

Other
0

Tutorials
0

Projects/seminars
0

Number of credit points

17,00

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 laboratory research, preparing, and submitting the 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 laboratory research, preparing, and submitting the thesis.

Course topics

1. Thesis layout.
2. Ways to search and cite literature.
3. Performance of 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	425	17,00
Classes requiring direct contact with the teacher	200	8,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	225	9,00