



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Pre-diploma laboratory [S2TCh2E-KiN>LP]

### Course

Field of study

Chemical Technology

Year/Semester

1/2

Area of study (specialization)

Composites and Nanomaterials

Profile of study

general academic

Level of study

second-cycle

Course offered in

english

Form of study

full-time

Requirements

compulsory

### Number of hours

Lecture

0

Laboratory classes

30

Other (e.g. online)

0

Tutorials

0

Projects/seminars

0

### Number of credit points

2,00

### 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 chemical technology. 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:

1. The ability to choose literature for the master's thesis [K\_U01, K\_U05]

2. Ability to plan, perform and interpret the results of experiments / other work related to the master's thesis. [K\_U06, K\_U08, K\_U10, K\_U21, K\_U22]

Social competences:

1. The student understands the need for self-education and raising their professional competences. - [K\_K01]
2. The student is able to think and act in a creative way. [K\_K06]

### 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

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

### Teaching methods

Own work plus consultation with the thesis supervisor.

### Bibliography

Basic:

Indicated by the thesis supervisor

Additional:

Indicated by the thesis supervisor

### Breakdown of average student's workload

	Hours	ECTS
Total workload	50	2,00
Classes requiring direct contact with the teacher	30	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	20	1,00