



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma laboratory [S2IChiP1-IBiB>PD]

Course

Field of study	Year/Semester
Chemical and Process Engineering	2/3
Area of study (specialization)	Profile of study
Bioprocesses and Biomaterials Engineering	general academic
Level of study	Course offered in
second-cycle	Polish
Form of study	Requirements
full-time	compulsory

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
0	180	0
Tutorials	Projects/seminars	
0	0	

Number of credit points

18,00

Coordinators

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

Lecturers

Prerequisites

The student has basic knowledge of the second degree of studies in the field of Chemical and Process Engineering. 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 training and improving his/her professional and personal competences.

Course objective

Carrying out research, preparation and submission of the thesis

Course-related learning outcomes

Knowledge:

Knowledge consistent with the topic of the thesis.

Skills:

1. the ability to choose literature for the master's thesis [k_u01, k_u03]
2. ability to plan, perform and interpret the results of experiments / other work related to the master's thesis. [k_u07, k_u08, k_u09, k_u10, k_u18, k_u19]

3. ability to write the master's thesis. [k_u06]

Social competences:

1. the student understands the need for self-education and raising their professional competences. - [k_k01]
2. the student is aware of compliance with the principles of ethics in the field of writing the thesis. [k_k05]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Learning outcomes presented above are verified as follows:

Verification of the work done by the thesis supervisor and verification of work with the anti-plagiarism system.

Programme content

1. Thesis layout.
2. Ways to search and cite literature.
3. Performance of research / design / review work.

Course topics

none

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	450	18,00
Classes requiring direct contact with the teacher	180	7,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	270	11,00