### POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

## **COURSE DESCRIPTION CARD - SYLLABUS**

Course name

Preparation of MSc Thesis [S2IŚrod2-ZwWOWiG>PPM]

Course

Field of study Year/Semester

**Environmental Engineering** 2/3

Area of study (specialization) Profile of study

Water Supply, Water and Soil Protection general academic

Course offered in Level of study

second-cycle Polish

Form of study Requirements full-time compulsory

**Number of hours** 

Lecture Laboratory classes Other 0

0

**Tutorials** Projects/seminars

60

Number of credit points

16,00

Coordinators Lecturers

prof. dr hab. inż. Piotr Oleśkowicz-Popiel piotr.oleskowicz-popiel@put.poznan.pl

### **Prerequisites**

1. Knowledge: Knowledge gained during I cycle studies 2. Skills: Skills gained during I cycle studies 3. Social competencies: Ability for student's own work on the selected task

## Course objective

Prepearing student to prepare MSc thesis on his own

## Course-related learning outcomes

#### Knowledge:

- 1. Student has knowledge obtained during study, necessary for preparation of MSc thesis
- 2. Student has knowledge how to solve technical problems

- 1. Student can formulate objectives, choose the proper method how to solve the problems and conclude based on the prepeared material
- 2. Student is able to use information technology, Internet resources and other sources to search for information necessary to complete diploma thesis

## Social competences:

- 1. Student is aware of the need to raise professional qualifications
- 2. Student is able to formulate conclusions and describe the results of his own work
- 3. Student independently supplements and expands the knowledge in the field of modern techniques, processes and technologies in environmental engineering

# Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Ongoing consultations checking progress and correctness of the diploma thesis.

The grade is awarded by the supervisor of the diploma thesis.

# Programme content

Program content in accordance with the detailed tasks given in the thematic card of the master's thesis

## Course topics

none

# **Teaching methods**

Consultation with the promoter, discussion

## **Bibliography**

Basic:

Literature selected individually depending on the subject of the diploma thesis, e.g. sin.put.poznan.pl

#### Additional:

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# Breakdown of average student's workload

	Hours	ECTS
Total workload	400	16,00
Classes requiring direct contact with the teacher	60	3,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	340	13,00