COURSE DESCRIPTION CARD - SYLLABUS

Course name
Preparation of MSc Thesis [N2IŚrod2-ZwCKiOP>PPM]

Course

Field of study
Environmental Engineering

Year/Semester
2/4

Area of study (specialization)
Heating, Air Conditioning and Air Protection

Profile of study
general academic

Level of study
second-cycle

Course offered in
Polish

Form of study
part-time

Requirements
compulsory

Number of hours

Lecture
0

Laboratory classes
0

Other
0

Tutorials
36

Projects/seminars
0

Number of credit points

16,00

Coordinators

prof. dr hab. inż. Tomasz Mróz
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Lecturers

Prerequisites

1 Knowledge Basic knowledge (engineering level) - obtained within the scope of the subjects taught and the part-time degree in Environmental Engineering. 2 Skills The skills acquired in the course of time studies degree - design, construction and operation of installations in buildings and external networks in the field of environmental engineering. 3 Social competencies Ability to work independently.

Course objective

Preparing students to carry out the master thesis.

Course-related learning outcomes

Knowledge:
1. The student has the knowledge gained in the current process of education that is necessary for the preparation of master work to the extent specified in the subject of the thesis.
2. The student has knowledge of the methods of solving technical problems problems.

Skills:
1. The student is able to formulate the thesis work, select and apply the appropriate method of solution

of the problem and to draw conclusions on the basis of the collected material problems.
2. Student use of information technology, Internet resources and other sources to find the information necessary for the preparation of a thesis problems.

Social competences:
1. The student is aware the need to raise professional competence problems.
2. Student is able to draw conclusions and describe the results of their own problems.
3. Student complements and extends knowledge of modern techniques, processes and technologies in environmental engineering problems.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Consultations - checking progress, factual correctness, the degree of progress of the thesis.
The evaluation of the thesis supervisor issues.
Positive mark - fulfilling the requirements of diploma thesis.

Programme content

Course description:
Program content compatible with the tasks detailed in the tab thesis topic.

Course topics

none

Teaching methods

classic, case study.

Bibliography

Basic:
1. Technical Books in line with the theme of work
2. Polish and European technical standards and construction

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	36	1,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	364	14,50