POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

pl. M. Skłodowskiej-Curie 5, 60-965 Poznań

COURSE DESCRIPTION CARD - SYLLABUS

Course name
Preparation for scientific research

Course

Field of study	Year/Semester
Civil, Engineering	2/3
Area of study (specialization)	Profile of study
Inżynieria Przedsięwzięć Budowlanych	general academic
Level of study	Course offered in
Second-cycle studies	Polish
Form of study	Requirements
full-time	compulsory

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
Tutorials	Projects/seminars	
10		

Number of credit points

16

Lecturers

Responsible for the course/lecturer:	Responsible for the course/lecturer:
dr hab. inż. Jerzy Pasławski, prof. PUT	

Prerequisites

Knowledge obtained as part of the courses implemented in the second-cycle program in the field of Civil Engineering, specializing in Construction Engineering and Management

Skills acquired during the second-cycle studies in Civil Engineering, specializing in Construction Engineering and Management

Ability to work independently on a given task and teamwork also

Course objective

Preparation of the student for independent or team performance of the master's thesis.

Course-related learning outcomes

Knowledge

1. Knows regulations regarding the protection of industrial property and copyright

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Skills

1. He/she is able to obtain information from literature, databases and other properly selected sources; is able to integrate obtained information, make their creative interpretation and assessment, as well as draw conclusions, formulate and substantiate opinions and present them.

2. He/she is able to independently plan and implement their own lifelong learning and direct others in this field and use their knowledge in the field of construction to communicate on specialized topics with diverse audiences, discuss and debate on important problems of the construction industry.

3. He/she can manage team work, interact with other people as part of team work, and take a leading role in teams.

Social competences

 1. He/she is responsible for the reliability of the results of his work and the work of his team

2. He/she is responsible for the safety of own and team work

3. He/she is ready to independently supplement and expand knowledge in the field of modern processes and technologies in construction

4. He/she understands the need to protect copyrights and is ready to comply with and develop the principles of professional ethics, as well as care for the development of the achievements of the profession of civil engineer and uphold the ethos of the profession.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Systematic consultations checking the substantive correctness and stage of the master's thesis.

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

Programme content

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

Teaching methods

Regular meetings for consultation of the results of the Master thesis

Bibliography

Basic

1. Scientific and technical literature, standards, guidelines, technical and technological requirements obtained by the graduate student in accordance with the topic of the diploma thesis

Additional

Procedures, recommendations and detailed standards depending on the chosen research topic

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Breakdown of average student's workload

	Hours	ECTS
Total workload	400	16,0
Classes requiring direct contact with the teacher	10	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) [1]	390	15,0

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[1] delete or add other activities as appropriate