



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma seminar [S2Bud1E-IPB>SD]

### Course

Field of study

Civil Engineering

Year/Semester

2/3

Area of study (specialization)

Construction Engineering and Management

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

0

Other (e.g. online)

0

Tutorials

15

Projects/seminars

0

### Number of credit points

4,00

### Coordinators

dr hab. inż. Jerzy Paślawski prof. PP  
jerzy.paslowski@put.poznan.pl

### Lecturers

### Prerequisites

He has advanced knowledge in accordance with the study program in the field of construction and the selected subject He knows how to prepare multimedia presentations, he can acquire information He is ready to develop his knowledge and skills as well as teamwork, taking into account the preparation to perform responsible functions in the construction industry

## Course objective

The aim of the diploma seminar is: (1) to provide students with knowledge on the correct preparation of the master's diploma thesis, (2) to shape students' awareness of responsibility related to the legal principles of using available studies, literature and other sources of information, (3) joint discussion on issues raised as part of the diploma process and inspiring to seek new solutions

**Objective learning outcomes**

**Knowledge** has knowledge of development trends and the most important new achievements in the field of science and scientific disciplines relevant to the studied field of study and related scientific disciplines knows in-depth the construction law, standards and guidelines for the implementation of construction processes and design of buildings knows the regulations on the protection of industrial property and copyright

**Skills** can obtain information from literature, databases, and other properly selected sources, also in English and other languages, can integrate the obtained information, interpret, and evaluate them critically, draw conclusions, and justify their opinions, as well as draw conclusions, formulate and justify opinions and present them

Is able to use his knowledge in the field of construction to communicate on specialist topics with diverse audiences, discuss and conduct a debate on important problems in the construction industry

**Social competence** Is ready to independently supplement and expand knowledge in the field of modern processes and technology in construction He understands the need to protect copyright and is ready to observe and develop the principles of ethics as well as care for the development of the achievements of the civil engineer profession and maintaining the ethos of the profession

Able to think and act in a creative and entrepreneurial way

## Course-related learning outcomes

**Knowledge:**

Student has knowledge of development trends and the most important new achievements in the fields of science and scientific disciplines relevant to the field of study being studied and related scientific disciplines

**Skills:**

Student is able to obtain information from literature, databases, and other properly selected sources, also in English and other languages, is able to integrate obtained information, interpret, as well as critically evaluate it, draw conclusions, and justify its opinions

**Social competences:**

Student is able to think and act in a creative and entrepreneurial way

## Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Completion of the seminar based on:

- evaluation of the presented presentation on the selected topic of the diploma thesis,
- participate in the discussion on your own diploma thesis and your colleagues.

## Programme content

The purpose and principles of preparing a master's thesis and its typical structure. The main parts of the master's thesis. Methods of planning and carrying out the diploma thesis. Typical problems when writing a thesis. Principles of using available sources of information. Rules for preparing a presentation. Presentation of the principles of conducting the diploma examination. Multimedia presentations prepared by students and a joint discussion in a seminar group.

## Teaching methods

Conversational lecture + Multimedia presentations in the form of discussions

## Bibliography

Basic

1. Wrycza-Bekier J. Creative diploma thesis, Wyd. Helion, Gliwice 2011
2. Szkutnik Z., Methodology of writing a thesis. Script for students, Poznań 2005
3. Kozłowski R., A practical way of writing diploma theses using the program and the Internet, Warsaw 2009
4. Regulations of first- and second-cycle studies and uniform master's studies adopted by the Academic Senate of PUT

Resolution No. 154/2016-2020 of April 24, 2019

Complementary

1. ACT of 20 July 2018. Law on Higher Education and Science

2. Dembecka W., Methodology of studying at a technical university, Wyd. Politechniki Poznańskiej, Poznań 1994

### Breakdown of average student's workload

	Hours	ECTS
Total workload	110	4,00
Classes requiring direct contact with the teacher	15	0,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	95	3,50