



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma seminar [S2Bud1E-ZBZ>SD]

Course

Field of study

Civil Engineering

Year/Semester

2/3

Area of study (specialization)

Sustainable construction 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

0

Tutorials

15

Projects/seminars

0

Number of credit points

5,00

Coordinators

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

Lecturers

Prerequisites

The student has advanced knowledge consistent with the civil engineering curriculum and the selected research area. The student is able to prepare multimedia presentations and acquire information from various sources. The student demonstrates readiness for further development of knowledge and skills, as well as the ability to work in a team, with awareness of future professional responsibilities.

Course objective

The aim of the diploma seminar is: (1) To provide students with knowledge on how to properly prepare a master's thesis. (2) To develop awareness of legal and ethical principles related to the use of literature and other information sources. (3) To support discussion of research topics and inspire students to seek innovative solutions.

Course-related learning outcomes

Knowledge:

Has knowledge of current trends and recent achievements in fields relevant to civil and transport engineering.

Skills:

Is able to acquire information from literature, databases, and other sources (including in English), integrate, interpret, and critically evaluate it, and formulate conclusions.

Social competences:

Student potrafi myśleć i działać w sposób kreatywny i przedsiębiorczy.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

The seminar is assessed based on:

- evaluation of a presentation related to the selected thesis topic
- participation in discussions concerning the student's own thesis and those of other students

Grading scale:

90-100% - very good (A)

80-89% - good plus (B)

70-79% - good (C)

60-69% - satisfactory plus (D)

50-59% - satisfactory (E)

below 50% - fail (F)

Programme content

Objectives and principles of preparing a master's thesis and its typical structure. Main components of a thesis. Methods of planning and conducting diploma work. Common problems in thesis writing. Principles of using available sources of information. Guidelines for preparing presentations. Overview of diploma examination procedures. Student presentations and group discussions within the seminar.

Course topics

Issues related to the preparation of a master's thesis in civil engineering. Formulation of thesis topics and definition of research objectives and scope. Methods of searching and critically analysing scientific literature and other sources. Structure of the thesis and preparation of theoretical and analytical parts. Principles of proper citation and use of sources in accordance with academic ethics and copyright law. Preparation and presentation of thesis concepts by students and discussion within the seminar group. Development of skills in presenting results and conducting academic discussions.

Teaching methods

Conversational lecture + student presentations with discussion

Bibliography

Basic:

1. Wrycza-Bekier J. Kreatywna praca dyplomowa, Wyd. Helion, Gliwice 2011
2. Szkutnik Z., Metodyka pisania pracy dyplomowej. Skrypt dla studentów, Poznań 2005
3. Kozłowski R., Praktyczny sposób pisania prac dyplomowych z wykorzystaniem programu komputerowego i Internetu, Warszawa 2009
4. Regulamin studiów 1. i 2. stopnia oraz jednolitych magisterskich uchwalony przez Senat Akademicki PP Uchwałą Nr 154/2016-2020 z 24.04.2019

Additional:

1. Ustawa z dnia 20 lipca 2018 r. Prawo o szkolnictwie wyższym i nauce
2. Dembecka W., Metodyka studiowania w uczelni technicznej, Wyd. Pol. Poznańskiej Poznań 1994

Breakdown of average student's workload

	Hours	ECTS
Total workload	125	5,00
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)	110	4,50