

**DOCTORAL SCHOOL OF WROCLAW UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

SUPERVISOR DECLARING/CONDUCTING COURSE:

Piotr Ruta, PhD, DSc, prof. of WUST

DEPARTMENT: Faculty of Civil Engineering W2,

SCIENTIFIC DISCIPLINE: Civil Engineering and Transport

COURSE CARD

Course name in Polish: Seminarium sprawozdawcze ILT I

Course name in English: Reporting seminar I

Course language: Polish / English

University-wide general course type*:

The course is intended for all PhD students: ~~YES~~ / NO

1) **BASIC COURSE**

2) **SPECIALIST COURSE**

3) **SEMINAR X**

4) **HUMANISTIC COURSE**

5) **LANGUAGE**

Subject code: ILQ100171S

* delete as applicable

	Lecture	Foreign language course	Seminar	Mixed forms
Number of hours of organized classes in university (ZZU)	-	-	15	-
Grading	Exam	Exam	Oral presentation	Exam, inspection, evaluation classes

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES

1. Prepare a multimedia presentation,
2. Synthetically present research results.

COURSE OBJECTIVES

- C1. Refreshing the knowledge concerning the requirements which PhD theses must meet (acc. to the current regulations).
- C2. Developing skills of research results presentation using multimedia techniques.
- C3. Developing skills of preparing research and technical publications, with a special focus on the solid survey of relevant literature, and skills relating to the critical evaluation and presentation of research results.
- C4. Improving skills relating to public appearances, taking part in a discussion, defending one's own views and judging others and oneself.
- C5. Getting acquainted with the subject areas of the research conducted by other seminar participants.

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PROGRAM CONTENTS

Form of classes		Number of hours
Lec1	Introduction to the course, course organization, crediting principles. Refreshing the knowledge concerning the requirements which PhD theses must meet (acc. to the current regulations).	1
Lec2	Individual multimedia presentations relating to PhD student research, and discussions.	2
Lec3	Individual multimedia presentations relating to PhD student research, and discussions.	2
Lec4	Individual multimedia presentations relating to PhD student research, and discussions.	2
Lec5	Individual multimedia presentations relating to PhD student research, and discussions.	2
Lec6	Individual multimedia presentations relating to PhD student research, and discussions.	2
Lec7	Individual multimedia presentations relating to PhD student research, and discussions.	2
Lec8	Individual multimedia presentations relating to PhD student research, and discussions.	2
Total hours:		15

TEACHING TOOLS USED
N1. Multimedia presentations. N2. Problem discussion in a group of PhD students. N3. Grading speakers, including grade justification. N4. Office hours.

ACHIEVED SUBJECT LEARNING OUTCOMES		
Type of learning outcome	Code of learning outcome	Assessment of learning outcome
Knowledge	P8S_WG	has knowledge at an advanced level of discipline and subject matter relevant to the field of research carried out, including the most recent research findings and scientific achievements

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Skills	P8S_UK	- is able to prepare and make a public presentation of the results of research work, including a doctoral dissertation prepared under the supervision of a supervisor or supervisors, or an assistant supervisor and supervisor
Skills	P8S_UW	- student has scientific and technological skills relevant to methods and methodology of conducting scientific research and critical evaluation of the results obtained, - is able to creatively interpret the results obtained and to search for their application -
Skills	P8S_UO	is able to initiate and conduct discussions on research topics, results obtained and their interpretation
Social competence	P8U_K	student knows which activities lead to the creation of achievements in violation of law, including copyright, or good practices in science

PRIMARY AND SECONDARY LITERATURE
<p><u>PRIMARY LITERATURE:</u></p> <p>The literature – depending on the PhD student’s research subject area.</p> <p><u>SECONDARY LITERATURE:</u></p> <ol style="list-style-type: none"> 1. Żurek E.: Sztuka prezentacji czyli jak przemawiać obrazem (Płyta CD). Wyd. Poltex, 2008. 2. Grzybowski P., Sawicki K.: Pisanie prac i sztuka ich prezentacji. Wyd. Impuls, 2010. 3. Blein B.: Sztuka prezentacji i wystąpień publicznych. Wyd. RM, 2010. 4. Wiszniewski A.: Jak pisać skutecznie? Wyd. Videograf II, 2003.
SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)
Piotr Ruta, PhD, DSc, prof. of WUST (piotr.ruta@pwr.edu.pl)