

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

**SUPERVISOR DECLARING/CONDUCTING COURSE:** dr hab. inż. Tomasz Jakubowski  
**DEPARTMENT:** Faculty of Pure and Applied Mathematics  
**SCIENTIFIC DISCIPLINE:** Mathematics

**COURSE CARD**

**Course name in Polish:** Seminarium Sprawozdawcze M  
**Course name in English:** Discipline reporting seminar M  
**Course language:** polish and english  
**The course is intended for all PhD students:** YES / NO

- 1) ~~BASIC COURSE~~  
 2) ~~SPECIALIST COURSE~~  
 3) SEMINAR  
 4) ~~HUMANISTIC COURSE~~  
 5) ~~LANGUAGE~~  
 6) ~~RESEARCH SKILLS~~

**Subject code:** MAQ100277S

\* delete as applicable

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

**PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES**

1. PhD student at the Doctoral School in the discipline of Mathematics.
2. Pre-defined research topics.
3. English language in the upper intermediate level.

**COURSE OBJECTIVES**

C1 Acquiring skills and improving the presentation of research results and conducting scientific discussions  
 C2 Presentation of the most important results obtained in the last reporting year

**PROGRAM CONTENTS**

Form of classes		Number of hours
S1	Introduction to seminar subject. Discussion of the methods of good preparation of the presentation and the form of its delivery.	1
S2	PhD students' presentations	14
Total hours		15

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<b>TEACHING TOOLS USED</b>
N1. Multimedia presentation N2. Software supporting remote work

<b>ACHIEVED SUBJECT LEARNING OUTCOMES</b>		
Type of learning outcome	Code of learning outcome	Assessment of learning outcome
Knowledge	P8S_WG	Presentation, participation in the discussion
Skills	P8S_UW, P8S_UK	Presentation, participation in the discussion

<b>PRIMARY AND SECONDARY LITERATURE</b>
<b><u>PRIMARY LITERATURE:</u></b> [1] Current publications in scientific journals related to the research topic of the PhD student
<b><u>SECONDARY LITERATURE:</u></b> [1] Textbooks containing advanced knowledge related to the research topic of the PhD student
<b>SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)</b> <b>dr hab. inż. Tomasz Jakubowski, profesor uczelni, tomasz.jakubowski@pwr.edu.pl</b>