

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

SUPERVISOR/TEAM/ DECLARING/CONDUCTING COURSE: Marek Klonowski
DEPARTMENT: Faculty of Basic Technical Problems W11
SCIENTIFIC DISCIPLINE: Technical information and telecommunications

COURSE CARD

Course name in Polish: Seminarium Algorytmiczne
Course name in English: Algorithmic seminar
Course language Polish
University-wide general course type*:
The course is intended for all PhD students: YES / NO
~~1) BASIC COURSE~~
~~2) SPECIALIST COURSE~~
3) SEMINAR
~~4) HUMANISTIC COURSE~~
~~5) LANGUAGE~~

Subject code: ITQ100058S

* 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
Number of ECTS points			0	

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES

1. basic knowledge on algorithms and data structures corresponding to the 1st level of computer science curriculum

COURSE OBJECTIVES

C1 Learning newest results in the field of analysis of algorithms
 C2 Getting skills in presenting advanced results in computer science

PROGRAM CONTENTS

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

Form of classes – lecture (Lec)		Number of hours
Lec1		
Lec2		
Lec3		
....		
Total hours:		

Form of classes – foreign language course (Lng)		Number of hours
Lng1		
Lng2		
Lng3		
..		
Total hours:		

Form of classes – seminar (Sem)		Number of hours
Sem1	Introduction, a short presentation of research papers to be discussed during the seminar.	2
Sem2- Sem14	Presentation of a chosen, advanced and recent result in the field of computer science.	11
Sem15	Summary, discussion	2
Total hours:		15

Form of classes – mixed forms (mix)		Number of hours
Mix1		
Mix2		
Mix3		
...		
Total hours		

TEACHING TOOLS USED	
N1.Oral presentation N2. Discussion	

ACHIEVED SUBJECT LEARNING OUTCOMES		
Type of learning outcome	Code of learning outcome	Assessment of learning outcome
Knowledge	P8S_WG	Presentation and discussion
Skills	P8S_UK	Presentation and discussion
Social competence	P8S_KO	Presentation and discussion

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

PRIMARY AND SECONDARY LITERATURE

Recent research publications published in top conferences / journals in computer science pointed by the lecturer during the first seminar.

SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)

Cichoń, Jacek, jacek.cichon@pwr.edu.pl

Klonowski, Marek, marek.klonowski@pwr.edu.pl

Kutyłowski, Mirosław, miroslaw.kutyłowski@pwr.edu.pl