FACULTY OF PURE AND APPLIED MATHEMATICS
SUBJECT CARD

Name in Polish: Praca dyplomowa
Name in English: Diploma thesis
Main field of study (if applicable): Applied Mathematics
Specialization (if applicable): Mathematics for Industry and Commerce
Level and form of studies: ~~1st/~~ 2nd* level, full-time / ~~part-time~~*
Kind of subject: obligatory / ~~optional~~ / ~~university-wide~~*
Subject code MAT1372
Group of courses ~~YES~~ / NO*

	Lecture	Classes	Laboratory	Project	Seminar
Number of hours of organized classes in University (ZZU)					0
Number of hours of total student workload (CNPS)					840
Form of crediting					~~Examination~~ / crediting with grade*
For group of courses mark (X) final course					
Number of ECTS points					28
including number of ECTS points for practical (P) classes					28
including number of ECTS points for direct teacher-student contact (BK) classes					0,5

*delete as applicable

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES

1. Student has the advanced knowledge and skills in the field of mathematical analysis, functional analysis and the theory of differential equations
2. He has deeper knowledge and skills in the field of probability theory, mathematical statistics and the theory of stochastic processes.

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SUBJECT OBJECTIVES

C1 Getting to know new developments and methods used in various applications of mathematics.

SUBJECT EDUCATIONAL EFFECTS

relating to knowledge:
PEK_W01 knows the basic models and methods used in various applications of mathematics
PEK_W02 knows the basics of stochastic modeling

relating to skills:
PEK_U01 able to construct basic mathematical models used in various fields

relating to social competences:
PEK_K01 can benefit from the scientific literature (including in foreign languages), including reaching the source materials and make them review

TEACHING TOOLS USED
N1. Student's own work - searching for information, writing thesis analysis of real data N2. Consultations

EVALUATION OF SUBJECT EDUCATIONAL EFFECTS ACHIEVEMENT

Evaluation (F – forming (during semester), P – concluding (at semester end)	Educational effect number	Way of evaluating educational effect achievement
F1	PEK_W01 PEK_W02 PEK_U01 PEK_K01	evaluation of the student's self work, the assessment of the thesis
P=F1		

PRIMARY AND SECONDARY LITERATURE

SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)
Prof. dr hab. Aleksander Weron (Aleksander.Weron@pwr.wroc.pl) **Prof. dr hab. Wojciech Okrasiński** (Wojciech.Okrasinski@pwr.wroc.pl) **Dr hab. Jan Goncerzewicz** (Jan.Goncerzewicz@pwr.wroc.pl) **Dr hab. Wojciech Mydlarczyk** (Wojciech.Mydlarczyk@pwr.wroc.pl) **Dr hab. Krzysztof Szajowski** (Krzysztof.Szajowski@pwr.wroc.pl) **Dr hab. Agnieszka Jurlewicz** (Agnieszka.Jurlewicz@pwr.wroc.pl) **Dr hab. Marcin Magdziarz** (Marcin.Magdziarz@pwr.wroc.pl) **Dr Agnieszka Wyłomańska** (Agnieszka.Wylomanska@pwr.wroc.pl) **Dr Monika Muszkieta** (Monika.Muszkieta@pwr.wroc.pl) **Dr Krzysztof Burnecki** (Krzysztof.Burnecki@pwr.wroc.pl) **Dr Joanna Janczura** (Joanna.Janczura@pwr.wroc.pl)

MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS
FOR SUBJECT
DIPLOMA THESIS MAT1372
AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY
APPLIED MATHEMATICS
AND SPECIALIZATION **MATHEMATICS FOR INDUSTRY AND COMMERCE**

Subject educational effect	Correlation between subject educational effect and educational effects defined for main field of study and specialization (if applicable)**	Subject objectives***	Programme content***	Teaching tool number***
PEK_W01 (knowledge)	K2MIC_W03	C1	Not applicable	1, 2
PEK_W02	K2MIC_W09	C1	Not applicable	1, 2
PEK_U01 (skills)	K2MIC_U15	C1	Not applicable	1, 2
PEK_K01 (competences)	K2MIC_K06	C1	Not applicable	1, 2

** - enter symbols for main-field-of-study/specialization educational effects
*** - from table above