

FACULTY OF PURE AND APPLIED MATHEMATICS

SUBJECT CARD

Name of subject in Polish: Seminarium Dyplomowe

Name of subject in English: Diploma Seminar

Main field of study (if applicable): Applied Mathematics

**Specialization (if applicable): Financial and Actuarial Mathematics;
Mathematics for Industry and Commerce;
Data Engineering;
Modelling, Simulation and Optimization**

Profile: academic / practical*

Level and form of studies: 2nd level / full-time /

Kind of subject: obligatory / ~~optional~~ / ~~university-wide~~*

Subject code

Group of courses YES / NO*

	Lecture	Classes	Laboratory	Project	Seminar
Number of hours of organized classes in University (ZZU)					30
Number of hours of total student workload (CNPS)					60
Form of crediting					Examination / crediting with grade*
For group of courses mark (X) final course					
Number of ECTS points					5
including number of ECTS points for practical (P) classes					4
including number of ECTS points for direct teacher-student contact (BK) classes					3

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES

1. Student has an advanced knowledge and skills in the field of calculus, functional analysis and the theory of differential equations.
2. She has got a thorough knowledge and skills in the field of probability, mathematical statistics and the theory of stochastic processes.

SUBJECT OBJECTIVES

C1 Learning about achievements and new methods used in various applications of mathematics.

*delete as inapplicable

SUBJECT EDUCATIONAL EFFECTS

Relating to knowledge:

PEK_W01 knows fundamental models and methods used in various applications of mathematics

PEK_W02 knows the fundamentals of stochastic modeling

Relating to skills:

PEK_U01 can build basic mathematical models, used in various disciplines

Relating to social competences:

PEK_K01 can use the scientific literature (also in foreign languages), including finding source information and browse through articles

Form of classes - seminar		Number of hours
Se1	Master thesis results presentations.	30
	Total hours	30

TEACHING TOOLS USED

1. Problem Seminar, presentation, problem lecture, informative lecture
2. Student's self-work – preparation for the seminar

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 presentation, informative or problem lecture prepared by the student
P=F1		

PRIMARY AND SECONDARY LITERATURE

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

Prof. dr hab. Marcin Magdziarz (marcin.magdziarz@pwr.edu.pl)

