FACULTY **Computer Science and Management** / DEPARTMENT………………

SUBJECT CARD

Name in Polish Seminarium dyplomowe
Name in English   Diploma seminar
Main field of study (if applicable): Informatics
Specialization (if applicable): Computer Engineering
Level and form of studies: ~~1st~~/ 2nd* level, full-time ~~/ part-time*~~
Kind of subject: obligatory ~~/ optional / university-wide*~~
Subject code INZ0154S
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)					90
Form of crediting	Examination / crediting with grade*	Examination / crediting with grade*	Examination / crediting with grade*	Examination / crediting with grade*	~~Examination~~ / crediting with grade*
For group of courses mark (X) final course					
Number of ECTS points					3
including number of ECTS points for practical (P) classes					
including number of ECTS points for direct teacher-student contact (BK) classes					1,8

*delete as applicable

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES
1 Knowledge, skills and competences acquired at Informatics field at second level of study
      until 4th semester
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SUBJECT OBJECTIVES
C1 Preparing students to write a master thesis according the internal requirements in Informatics field at Faculty of Computer Science and Management, Wrocław University of Technology,
C2 Providing students with basic skills related to preparation and presentation of scientific texts, beginning from the choice of topic, selection of tasks to be performed, use of literature to interpretation of the results.
C3 Preparing students to make a short presentation in a foreign for them language

SUBJECT EDUCATIONAL EFFECTS	
relating to knowledge:	
…	
relating to skills:	
PEK_U01 He is able to acquire information from literature, databases and other sources, also in English or other language used for communication in Informatics field, is able to integrate the information obtained, interpret them, make critical evaluation and also draw conclusions and formulate and justify opinions related to prepared master thesis.	
PEK_U02 He can communicate using a variety of techniques in his professional environment and in other environments, also in English or other foreign language used for communication in Informatics field.	
PEK_U03 He is able to present the results of his master thesis in foreign language (for polish students it is English, for international students it is Polish)	
relating to social competences:	
…	

PROGRAMME CONTENT

Form of classes - lecture		Number of hours
Lec 1		
Lec 2		
	Total hours	

Form of classes - class		Number of hours
Cl 1		
Cl 2		
	Total hours	

Form of classes - laboratory		Number of hours
Lab 1		
Lab 2		
	Total hours	

Form of classes - project		Number of hours
Proj 1		
Proj 2		
	Total hours	

Form of classes - seminar		Number of hours
Sem 1	Familiarization with the principles of master thesis realization at Informatics field. Rules related to student presentations. Determining the schedule of student presentations.	2
Sem 2	Review of basic skills related to preparation and presentation of scientific texts by students, beginning from the choice of topic, selection of tasks to be performed, use of literature and also how to write thesis and how obtained results should be interpret.	2
Sem 3 –	During semester each student has 2 presentations. The first presentation is	26

Sem15	related to the general view of the thesis topic, its placement in the literature and in the Informatics field. The student should present the primary aim of thesis, the state of art related to thesis topic, the concept of solution, the initial structure of thesis and timetable for further work. The purpose of the second presentation is preparation to defense and demonstrate presentation skills in English. The second presentation consists of two parts, namely, discussion of the results of the work in English and a short presentation in Polish devoted to the results of the thesis.	
	Total hours	30

TEACHING TOOLS USED

N1. Multimedia presentations
N2. Examples of scientific papers and reports from the field of computer science.
N3. E-Learning System used to publish teaching materials and announcements, also used for collection and evaluation of student work.

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
P	PEK_U01 PEK_U02 PEK_U03	Evaluation of the presentation of the work at the seminar and prepared documentation from the presentation. The evaluation shall be subject to the fulfillment of the requirements for the presentation, including its substantive scope, structure and organization of presentation, techniques of conversation, a form of presentation, compactness of presentation and conclusions reached. Participation in the discussions after presentation is also evaluated. In addition, the seminar leader is able to control the cooperation between supervisors and graduate students.

PRIMARY AND SECONDARY LITERATURE

PRIMARY LITERATURE:

[1] Literature related to the scope of realized project selected by student and recommended by the teacher.
[2] Requirements for engineering thesis at the Faculty of Computer Science and Management, Wrocław University of Technology, www.wiz.pwr.wroc.pl

SECONDARY LITERATURE:

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

Dr inż. Jan Kwiatkowski, jan.kwiatkowski@pwr.wroc.pl

MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS FOR SUBJECT
Diploma seminar
AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY **Infomatics**
AND SPECIALIZATION **Computer Engineering**

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_U01 (skills)	K2INF_U01, K2INF_U02	C1, C2	Se1-15	N1, N2, N3
PEK_U02	K2INF_U01, K2INF_U02	C1, C2	Se1-15	N1, N2, N3
PEK_U03	K2INF_U08	C3	Se1-15	N1, N2, N3

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

*** - from table above